



**Environmental
Protection Agency**

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

October 19, 2012

RE: LAKE COUNTY
LEROY TOWNSHIP
BUNKY'S PUB
13526 PAINESVILLE-WARREN ROAD
NPDES PERMIT NO. 3PR00380
APPLICATION NO. OH0134708

John McCluskey
722 Sherwood Drive
Madison, OH 44057

Dear Mr. McCluskey:

On October 16, 2012, this writer conducted a compliance evaluation inspection of the sewage treatment plant serving Bunky's Pub. The purpose of the inspection was to evaluate the wastewater treatment plant's (WWTP) 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 in operation. The effluent contained no solids, oil or grease. The following observations were noted:

- The organic load of the plant is low. Little activated sludge was evident in the mixed liquor. Measures must be taken to increase the organic load of this plant. Please consult with your operator of record (ORC).
- The settling tank content was cloudy.
- The filter beds contained vegetation and pine needles that must be removed. Each filter bed must contain 18 inches of Ohio EPA approved filter sand. Approved filter sand consists of clean and washed sand with an effective size between 0.4 and 1.0 mm and a uniformity coefficient not greater than 3.0. The filter sand must be raked and evenly distributed across the surface area of the bed. The filter beds must be routinely switched to maximize the performance of the filter beds.
- The chlorinator contained chlorine tablets, as required.
- This plant has no dechlorinator. A dechlorinator must be installed whenever disinfection is provided by chlorination.
- Steps have been installed on the north side and west side of the plant.

The above referenced deficiencies must be corrected.

A review of the discharge monitoring reports for Outfall 001 covering the months December 2010 through September 2012 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.3	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.3	12/15/2010
001	00530	Total Suspended Solids	30D Conc	12	29.	3/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	10.08	3/1/2011
001	00530	Total Suspended Solids	7D Conc	18	29.	3/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	10.08	3/22/2011
001	50060	Chlorine, Total Residual	1D Conc	0.019	1.5	6/22/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.25	8/1/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.1	8/31/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	4.35	8/31/2012

The following frequency violations were revealed:

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00010	Water Temperature	1/Week	1	0	08/01/2012
001	00010	Water Temperature	1/Week	1	0	08/08/2012
001	00083	Color, Severity	1/Week	1	0	08/01/2012
001	00083	Color, Severity	1/Week	1	0	08/08/2012
001	01330	Odor, Severity	1/Week	1	0	08/01/2012
001	01330	Odor, Severity	1/Week	1	0	08/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	08/01/2012
001	01350	Turbidity, Severity	1/Week	1	0	08/08/2012
001	00010	Water Temperature	1/Week	1	0	04/08/2012
001	00010	Water Temperature	1/Week	1	0	04/15/2012
001	00010	Water Temperature	1/Week	1	0	04/22/2012
001	00083	Color, Severity	1/Week	1	0	04/08/2012
001	00083	Color, Severity	1/Week	1	0	04/15/2012
001	00083	Color, Severity	1/Week	1	0	04/22/2012
001	01330	Odor, Severity	1/Week	1	0	04/08/2012
001	01330	Odor, Severity	1/Week	1	0	04/15/2012
001	01330	Odor, Severity	1/Week	1	0	04/22/2012
001	01350	Turbidity, Severity	1/Week	1	0	04/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	04/15/2012
001	01350	Turbidity, Severity	1/Week	1	0	04/22/2012
001	00010	Water Temperature	1/Week	1	0	06/01/2012
001	00010	Water Temperature	1/Week	1	0	06/08/2012
001	00010	Water Temperature	1/Week	1	0	06/15/2012
001	00083	Color, Severity	1/Week	1	0	06/01/2012
001	00083	Color, Severity	1/Week	1	0	06/08/2012
001	00083	Color, Severity	1/Week	1	0	06/15/2012
001	01330	Odor, Severity	1/Week	1	0	06/01/2012
001	01330	Odor, Severity	1/Week	1	0	06/08/2012

001	01330	Odor, Severity	1/Week	1	0	06/15/2012
001	01350	Turbidity, Severity	1/Week	1	0	06/01/2012
001	01350	Turbidity, Severity	1/Week	1	0	06/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	06/15/2012
001	00010	Water Temperature	1/Week	1	0	05/01/2012
001	00010	Water Temperature	1/Week	1	0	05/08/2012
001	00083	Color, Severity	1/Week	1	0	05/01/2012
001	00083	Color, Severity	1/Week	1	0	05/08/2012
001	01330	Odor, Severity	1/Week	1	0	05/01/2012
001	01330	Odor, Severity	1/Week	1	0	05/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	05/01/2012
001	01350	Turbidity, Severity	1/Week	1	0	05/08/2012
001	00010	Water Temperature	1/Week	1	0	07/01/2012
001	00010	Water Temperature	1/Week	1	0	07/08/2012
001	00083	Color, Severity	1/Week	1	0	07/01/2012
001	00083	Color, Severity	1/Week	1	0	07/08/2012
001	01330	Odor, Severity	1/Week	1	0	07/01/2012
001	01330	Odor, Severity	1/Week	1	0	07/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	07/01/2012
001	01350	Turbidity, Severity	1/Week	1	0	07/08/2012
001	00010	Water Temperature	1/Week	1	0	09/01/2012
001	00010	Water Temperature	1/Week	1	0	09/08/2012
001	00010	Water Temperature	1/Week	1	0	09/15/2012
001	00010	Water Temperature	1/Week	1	0	09/22/2012
001	00083	Color, Severity	1/Week	1	0	09/01/2012
001	00083	Color, Severity	1/Week	1	0	09/08/2012
001	00083	Color, Severity	1/Week	1	0	09/15/2012
001	00083	Color, Severity	1/Week	1	0	09/22/2012
001	01330	Odor, Severity	1/Week	1	0	09/01/2012
001	01330	Odor, Severity	1/Week	1	0	09/08/2012
001	01330	Odor, Severity	1/Week	1	0	09/15/2012
001	01330	Odor, Severity	1/Week	1	0	09/22/2012
001	01350	Turbidity, Severity	1/Week	1	0	09/01/2012
001	01350	Turbidity, Severity	1/Week	1	0	09/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	09/15/2012
001	01350	Turbidity, Severity	1/Week	1	0	09/22/2012

No operation and maintenance records were found in the mailbox at the plant entrance. Part II, of your NPDES permit requires compliance with Ohio Administrative Code 3745-7-09. Ohio Administrative Code 3745-7-09 requires the owner and ORC of a WWTP to maintain operation and maintenance records for the WWTP. The records shall be housed onsite and shall be accessible for twenty-four hour inspection. 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 ORC 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 be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code, Chapter 6111.

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/cs