



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

February 11, 2013

RE: CIRCLE RESTAURANT  
PERMIT NO. 3PR00120  
PORTAGE COUNTY  
DEERFIELD TOWNSHIP

Ms. Toni Minor, Owner  
Circle Restaurant  
P.O. Box 128  
Deerfield, Ohio 44411

Dear Ms. Minor:

On January 29, 2013, an inspection of the above referenced facility's wastewater treatment system was conducted. No one was present during the inspection to represent the facility. A brief summary of the findings was discussed with Mr. Himler following the inspection. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along with the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/observed:

1. The plant design of the wastewater treatment system is 5,000 gallons per day.
2. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class A facility. The classification requires that the Operator of Record be physically present at the treatment works two days per week for a minimum of one hour per week.
3. Ohio EPA has on record that the current Operator of Record is Mr. Kevin Mosko. The date of notification on record is June 11, 2009.
4. A logbook was being maintained at the site, which documented the time being spent at the treatment plant along with the duties being performed. Review of the logbook confirmed that the Operator of Record is satisfying the time requirement.
5. The treatment plant is equipped with a dual blower/motor system. The south blower/motor unit was currently in operation. The south air filter cover was missing. See Figure 1. This should be replaced immediately. The east blower/motor unit appeared to be operational.
6. The weight loaded pressure relief valve was tested and found to be not operational. This should be repaired or replaced immediately.
7. The treatment plant was receiving good aeration.
8. The contents of the aeration tank were medium brown in color and no foam was present. This is typical of a properly operating plant.
9. The sludge return line was functioning properly and returning medium brown water.
10. The skimmer level was properly adjusted and appeared to be functioning properly. However, the skimmer discharge line could not be located. The discharge from the skimmer line should be located in order to verify that it is functioning properly.

11. The weirs and the trough in the settling tank were covered with scum build-up/solids deposition. See Figure 2. The weirs and trough should be scraped down or hosed off on a regular basis.
12. Scum build-up/ solids deposition was also present behind the baffle in the settling tank. See Figure 3. This material should be removed on a regular basis.
13. The surface of the settling tank was free of floating solids.
14. The discharge volume is estimated by the use of elapsed time meters on the dosing pumps.
15. The flow equalization tank was not being aerated.
16. The flow equalization tank is equipped with dual pumps. Both pumps were tested and found to be operational.
17. The metal flow equalization tank is severely deteriorated. See Figure 4. This was noted in the last inspection letter dated April 21, 2011. Mr. Himler indicated that pricing has been obtained to insert a concrete vault inside the existing metal tank. It is recommended that replacement of the flow equalization tank be made in the near future.
18. The constant head splitter box is also showing signs of severe deterioration. See Figure 5. This was also noted in the last inspection letter dated April 21, 2011. It is also recommended that splitter box be repaired or replaced in the near future.
19. The weirs and trough in the up flow clarifier was full of solids. The up flow clarifier should be cleaned.
20. The sludge digester is equipped with a single blower/motor system.
21. The weight loaded pressure relief valve was tested and found to be operational.
22. The sludge digester was being aerated.
23. Mr. Himler indicated that Sosnick Septage pumps out the trash trap and hauls sludge approximately every three months.
24. The high-level alarm on the dosing pumps was tested and found to be operational. However, the flashing red light was unable to be shut off since the high-level alarm reset button was not functioning. This problem should be corrected immediately.
25. The surface sand filter consisted of two cells. Both cells were covered with a layer of solids. The east cell was the worst. See Figure 6. Mr. Himler indicated that someone had pumped out most of the digester on the surface sand filter. Both beds should be cleaned as soon as the weather permits. It should be noted that both cells should be maintained free of sludge, vegetation, and leaf debris at all times. All material removed from the cells should be properly disposed at a licensed solid waste landfill. Placing this material in the facility's dumpster is acceptable.
26. Once the layer of solids is removed, additional filter media may be required. In general, 18 inches of approved filter sand is necessary. Any filter sand that is used must meet the requirements of Ohio Administrative Code (OAC) 3745-42-09. More specifically, for conventional surface sand filters, filter sand shall be washed and free of silt; have an effective size of 0.4 mm to 1.0 mm; and have a uniformity coefficient less than 3.0.
27. The tablet chlorination and de-chlorination dispensing tubes were not evaluated since disinfection is not required during winter. Winter is defined as the period from November 1<sup>st</sup> through April 30<sup>th</sup>. However, it was observed the effluent discharging from the tablet chlorination unit was clear.
28. The chlorination and de-chlorination dispensing tubes should be continuously stocked with the appropriate tablets during summer. Summer is defined as the period from May 1<sup>st</sup> through October 31<sup>st</sup>.
29. The discharge point was not observed.

This office has recently reviewed your self-monitoring reports covering the period April 1, 2011 through December 31, 2012 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

**Limit Violations**

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	11.3	20.	4/1/2011
001	00530	Total Suspended Solids	30D Qty	0.19	.33119	4/1/2011
001	80082	CBOD 5 day	30D Conc	9.3	19.	4/1/2011
001	80082	CBOD 5 day	30D Qty	0.15	.31463	4/1/2011
001	00530	Total Suspended Solids	1D Conc	17	20.	4/5/2011
001	00530	Total Suspended Solids	1D Qty	0.28	.33119	4/5/2011
001	80082	CBOD 5 day	1D Conc	14	19.	4/5/2011
001	80082	CBOD 5 day	1D Qty	0.23	.31463	4/5/2011
001	31616	Fecal Coliform	30D Conc	1000	1000.	6/1/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	6/6/2012

**Frequency Violations**

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00083	Color, Severity	1/Week	1	0	10/22/2011
001	01330	Odor, Severity	1/Week	1	0	10/22/2011
001	01350	Turbidity, Severity	1/Week	1	0	10/22/2011
001	01350	Turbidity, Severity	1/Week	1	0	02/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	02/15/2012
001	01350	Turbidity, Severity	1/Week	1	0	02/22/2012
001	01350	Turbidity, Severity	1/Week	1	0	03/08/2012
001	01350	Turbidity, Severity	1/Week	1	0	03/15/2012
001	01350	Turbidity, Severity	1/Week	1	0	03/22/2012

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

**Please notify this office in writing, within 14 days receipt of this letter, of your intentions to address items 5, 6, 11, 12, 15, 17-19, 24, and 25. The letter should include dates, either actual or proposed, for completion of the actions. A follow-up inspection will be conducted subsequent to the completion dates.**

Should you have any comments or questions concerning this letter, please feel free to call me at (330)963-1143.

Respectfully,

*Michael W. Stevens*

Michael W. Stevens  
 Environmental Engineer  
 Division of Surface Water

MWS/cs



Figure 1



Figure 2



Figure 3

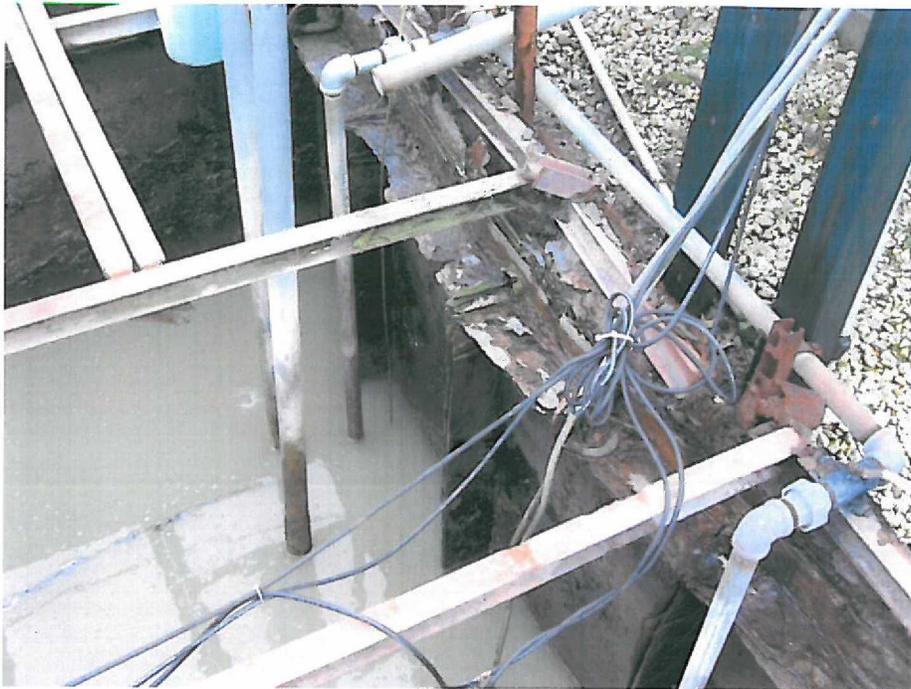


Figure 4



Figure 5



Figure 6