



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

September 21, 2007

RE: CIRCLE RESTAURANT
3PR00120
PORTAGE COUNTY
DEERFIELD TOWNSHIP

Mr. Darryl Himler
Circle Restaurant
P.O. Box 128
Deerfield, OH 44411

Dear Mr. Himler:

On September 13, 2007, this writer conducted a compliance evaluation inspection of the wastewater treatment works serving the Circle Restaurant. The treatment plant consists of the following components:

- Trash trap,
- 10,000 gpd extended aeration plant,
- Upflow fixed media clarifier,
- Dosing chamber,
- Surface sand filter (two halves), and
- Chlorination/Dechlorination tank.

The following items were noted concerning the wastewater treatment plant

- 1) There was a septic odor in the area of the plant.
- 2) The mixed liquor in the aeration tank was on the lighter side of brown almost gray.
- 3) The effluent in the upflow clarifier was gray.
- 4) The west half of the surface sand filter was not draining properly and appears to be plugged. The ponded water was brown.
- 5) The warning light for the pumps in the flow equalization basin was flashing.

Pictures were taken and are attached for your reference.

A review of your compliance history as generated by SWIMWARE revealed the following violations of your National Pollutant Discharge Elimination System (NPDES) permit for the time period of August 2006 through August 2007:

<u>Violation Type</u>	<u>Outfall: Date: Reporting Code: Parameter: Frequency: Limit: Result</u>
Numeric Violation	001 Limit 2006-12-01 00530 Total Suspended Solids30D Conc 11.3 23.
Numeric Violation	001 Limit 2006-12-01 00530 Total Suspended Solids30D Qty 0.19 .26796
Numeric Violation	001 Limit 2006-12-05 00530 Total Suspended Solids1D Conc 17 23.
Numeric Violation	001 Limit 2007-01-01 00530 Total Suspended Solids30D Conc 11.3 23.
Numeric Violation	001 Limit 2007-01-02 00530 Total Suspended Solids1D Conc 17 23.
Frequency Violation	001 Freq 2007-03-01 01350 Turbidity, Severity 1/Week 1 0
Frequency Violation	001 Freq 2007-03-01 01330 Odor, Severity 1/Week 1 0
Frequency Violation	001 Freq 2007-03-01 00083 Color, Severity 1/Week 1 0
Numeric Violation	001 Limit 2007-03-01 80082 CBOD 5 day 30D Qty 0.15 .39743
Numeric Violation	001 Limit 2007-03-01 80082 CBOD 5 day 30D Conc 9.3 24.
Numeric Violation	001 Limit 2007-03-01 00610 Nitrogen, Ammonia (NH330D Qty 0.03 .12933
Numeric Violation	001 Limit 2007-03-01 00610 Nitrogen, Ammonia (NH330D Conc 1.6 7.81
Numeric Violation	001 Limit 2007-03-08 00610 Nitrogen, Ammonia (NH31D Conc 2.6 7.81
Numeric Violation	001 Limit 2007-03-08 00610 Nitrogen, Ammonia (NH31D Qty 0.04 .12933

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<u>Violation Type</u>	<u>Outfall: Date: Reporting Code: Parameter: Frequency: Limit: Result</u>
Numeric Violation	001 Limit 2007-03-08 00300 Dissolved Oxygen 1D Conc 6.0 1.2
Numeric Violation	001 Limit 2007-03-08 80082 CBOD 5 day 1D Qty 0.23 .39743
Numeric Violation	001 Limit 2007-03-08 80082 CBOD 5 day 1D Conc 14 24.
Numeric Violation	001 Limit 2007-04-01 00610 Nitrogen, Ammonia (NH330D Conc 1.6 6.15
Numeric Violation	001 Limit 2007-04-01 00530 Total Suspended Solids30D Qty 0.19 .32567
Numeric Violation	001 Limit 2007-04-01 00530 Total Suspended Solids30D Conc 11.3 19.6666
Numeric Violation	001 Limit 2007-04-01 80082 CBOD 5 day 30D Conc 9.3 10.8333
Numeric Violation	001 Limit 2007-04-01 80082 CBOD 5 day 30D Qty 0.15 .17939
Numeric Violation	001 Limit 2007-04-01 00610 Nitrogen, Ammonia (NH330D Qty 0.03 .10184
Numeric Violation	001 Limit 2007-04-03 00300 Dissolved Oxygen 1D Conc 6.0 5.2
Numeric Violation	001 Limit 2007-04-03 80082 CBOD 5 day 1D Conc 14 23.
Numeric Violation	001 Limit 2007-04-03 00610 Nitrogen, Ammonia (NH31D Qty 0.04 .20368
Numeric Violation	001 Limit 2007-04-03 00610 Nitrogen, Ammonia (NH31D Conc 2.6 12.3
Numeric Violation	001 Limit 2007-04-03 00530 Total Suspended Solids1D Qty 0.28 .33119
Numeric Violation	001 Limit 2007-04-03 00530 Total Suspended Solids1D Conc 17 20.
Numeric Violation	001 Limit 2007-04-03 80082 CBOD 5 day 1D Qty 0.23 .38087
Numeric Violation	001 Limit 2007-04-10 00530 Total Suspended Solids1D Qty 0.28 .5299
Numeric Violation	001 Limit 2007-04-10 00530 Total Suspended Solids1D Conc 17 32.
Numeric Violation	001 Limit 2007-04-26 00300 Dissolved Oxygen 1D Conc 6.0 4.7
Numeric Violation	001 Limit 2007-05-22 00300 Dissolved Oxygen 1D Conc 6.0 5.6

Our files do not include the noncompliance notifications that are required as outlined in Part III, Section 12 of the NPDES permit. This is a separate violation of your permit for each event. Please be advised that violations of your NPDES permit may subject you to a possible enforcement action to be initiated by this office in accordance with Ohio Revised Code 6111.

The following items concerning the wastewater plant need to be addressed:

- 1) Determine why the effluent inside the upflow clarifier was gray.
- 2) Why was the warning light flashing?
- 3) Determine why the sand filter was plugged.

We request that you respond in writing to this office no later than October 5, 2007, with your intentions to resolve the above listed noncompliance and the 3 items listed.

If you should have any questions, feel free to contact this writer at (330) 963-1136.

Sincerely,



Philip P. Rhodes, P. E.
Environmental Engineer
Division of Surface Water

PPR/mt

attachments

File: Semi Public/ Circle Restaurant

Plugged surface sand filter

