

**Environmental
Protection Agency**

The Honorable, Governor
The Honorable, Lt. Governor
The Honorable, Director

November 5, 2010

RE: STARK COUNTY
BETHLEHEM TOWNSHIP
RED DOG SALOON
7151 SHERMAN CHURCH
NPDES 3PR00317

Mr. Sonny Turcotte
Red Dog Saloon
7151 Sherman Church Ave. SW
East Sparta, OH 44626

Dear Mr. Turcotte:

On October 27, 2010, this office conducted a compliance evaluation inspection of the wastewater treatment system serving the above referenced facility. Present during the inspection were Todd Ascani, Stark County Health Department, Dean Stoll, Ohio EPA and this writer.

The existing sewage treatment system consists of a 3,500-gpd extended aeration package plant with a 750-gallon trash trap, 8,000-gallon aeration tank, dosing chamber, 450-square-foot surface sand filter, and a 107-gallon chlorine contact tank with a tablet chlorinator. The system discharges to an unnamed tributary to the Tuscarawas River.

At the time of the inspection, the on-site treatment plant was found to be in poor operation and maintenance condition. Below is a list of the items that need to be addressed.

1. The trash trap was full of solids and should be cleaned out.
2. The PVC pipe from the trash trap to the aeration tank was broken and should be repaired.
3. There was not uniform air flow in the aeration tank. It appeared that the diffuser in the aeration tank was not properly working and should be repaired.
4. The sludge return line was not operating and should be repaired.
5. The clarifier was covered with solids and the weir was full of solids. Solids were passing over the weir and being discharged onto the surface sand filters. The clarifier and weir should be cleaned. See Photos 1, 2 and 3.
6. The skimmer was not operating properly and should be repaired. See Photo 3.
7. The scum baffle was full of solids and should be cleaned.
8. The dosing chamber box contained solids and should be cleaned.
9. The sand filter beds were covered with vegetation. The effluent being discharged onto the sand filters contained visible solids. The sand filters need to be cleaned and raked. See Photos 4 and 5.

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10. The chlorine contact tank did not contain any de-chlorination tables. Tablets need to be checked on a regular basis during the season.
11. A submersible pump had been placed into the clarifier and effluent was being pumped from the bottom of the tank and discharging into the outlet trough. Bypassing around any portion of your treatment system violates the conditions of your NPDES permit, specifically Part III, item 11. This pump should be removed from the treatment system. See Photos 1 and 2.

A review of your monthly operating reports covering the period January 2010 through September 2010 revealed the following effluent violations:

Numeric Violations

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.38	3/1/2010

The condition of your on-site treatment plant needs to be addressed. Please notify this office within thirty days from the date of this letter how the operation and maintenance problems were corrected. If you should you have any questions or comments regarding this letter, please contact this writer at (330) 963-1255.

Sincerely,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

Attachments:

cc: Todd Ascani, Stark County Health Department

File: Semi-Public/Red Dog Saloon, Stark Co., Bath letter Township ;



Photo 1 shows bypass hose pumping and excessive solids on clarifier.



Photo 2 shows weir full of solids, by pass hose discharging into outlet trough, and excessive solids in clarifier.



Photo 3 shows poor quality of clarifier, excessive solids, and skimmer plugged with solids.



Photo 4 shows poor quality effluent containing solids discharging onto sand filter.

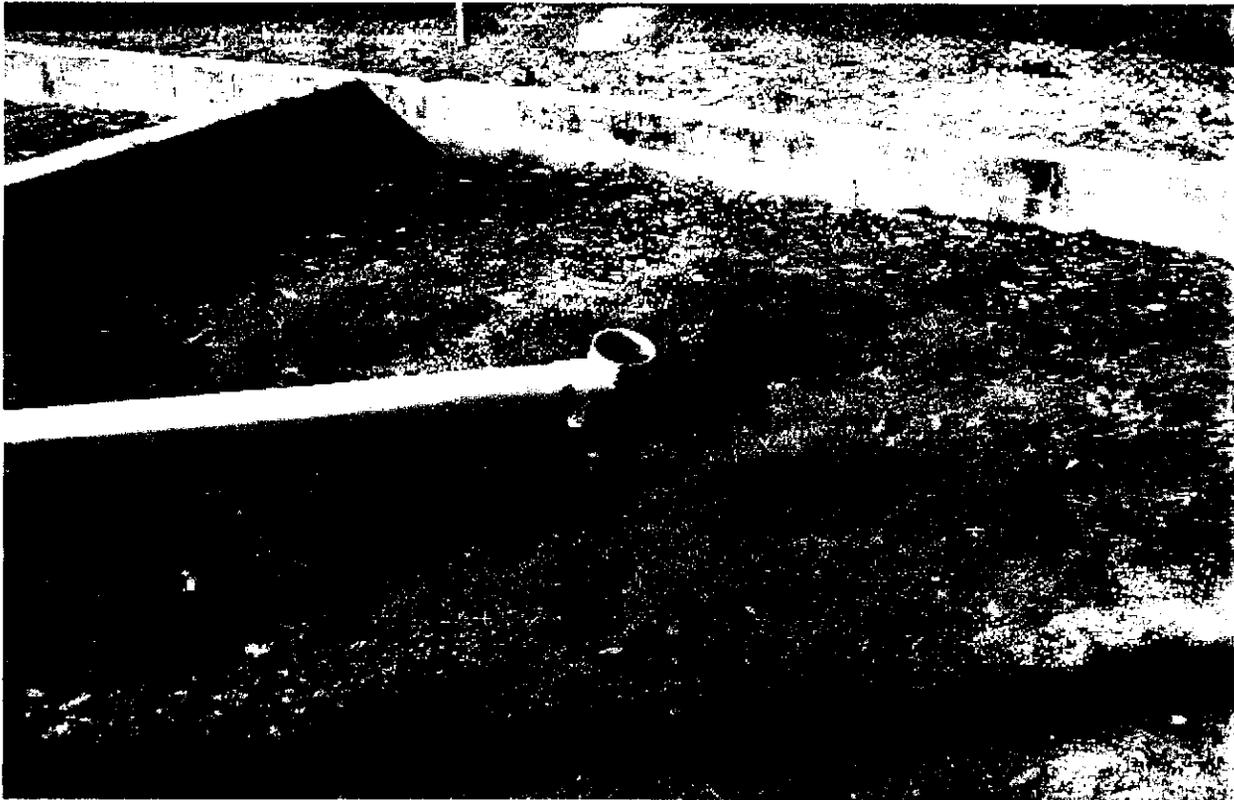


Photo 5 shows vegetation covering sand filter and poor condition of sand.