



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

May 8, 2013

RE: THE DIAMOND LODGE  
PERMIT NO. 3PR00505\*AD  
PORTAGE COUNTY  
EDINBURG TOWNSHIP

Mr. Mario Gallo  
3116 State Route 14  
Edinburg, Ohio 44272

Dear Mr. Gallo:

On April 29, 2013, an inspection of the above referenced facility's wastewater treatment system was conducted. A representative of the facility was not present during 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 10,000 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. David Shanks. The date of notification on record is January 27, 2012.
4. Ohio operator certification rules require that a field log book be maintained at the treatment plant. The log book should document the time the Operator of Record is present at the treatment works along with the maintenance duties being performed at the treatment plant. This requirement is being met.
5. The treatment plant is equipped with a dual blower/motor system. The south blower/motor unit was currently in operation. The north blower/motor unit was tested and found to be operational.
6. The pressure relief valve was tested and found to be operational.
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 return line was returning clear water.
11. The surface of the settling tank was covered with a significant amount of floating solids. See Figure 1.

12. The skimmer appeared to be functioning. However, it was not drawing in any solids. The top of the skimmer should be adjusted to approximately a quarter of an inch below the liquid surface when the blowers are in operation.
13. The weirs and trough in the settling tank were covered with solids deposition. See Figure 2.
14. Solids build-up was present behind the baffle in the settling tank. This material should be pumped out routinely when the trash trap is pumped. See Figure 3.
15. The dosing pumps were unable to be tested since the dosing pump control panel box was locked. However, during the inspection, one of the dosing pumps activated and it was observed that the wastewater being dosed on the sand filter was clear.
16. Both distribution lines on the distribution box leak. See Figure 4. Both lines should be repaired immediately.
17. The surface sand filter consisted of two cells. A minimal amount of vegetation and sludge was present in each bed. The vegetation and sludge should be removed immediately. It should be noted that both cells should be maintained free of vegetation and sludge 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.
18. Once the vegetation and sludge is removed in the surface sand filter beds, 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.
19. Currently, the west cell is being used. The west cell splash pad needs to be leveled. The effluent is not being evenly distributed across the cell. The effluent is flowing to the south side of the cell and ponding. This is the result of a layer of sludge that is present on the surface of the filter media. See Figure 5 & 6. The condition of surface sand filter cells should be addressed immediately.
20. The treatment system is equipped with Ultra Violet disinfection. The system was not able to be evaluated since it was located within a closed unit.
21. Disinfection is required during summer months. Summer is defined as the period from May 1<sup>st</sup> through October 31<sup>st</sup>.
22. The discharge was clear.

**Please inform this office in writing, within 14 days receipt of this letter, of your intentions to resolve items 11-14, 16, 17, and 19. 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 date.**

This office has recently reviewed your self-monitoring reports covering the period January 1, 2012 through March 31, 2013 for the referenced facility. **Our review indicates no numeric or monitoring frequency violations of your NPDES permit.**

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

THE DIAMOND LODGE  
MAY 8, 2013  
PAGE 3 OF 3

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

Respectfully,

A handwritten signature in blue ink that reads "Michael W. Stevens". The signature is written in a cursive style.

Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/cs

cc: Rich Lashley, Portage County Health Department



Figure 2



Figure 1



Figure 3



Figure 4



Figure 5

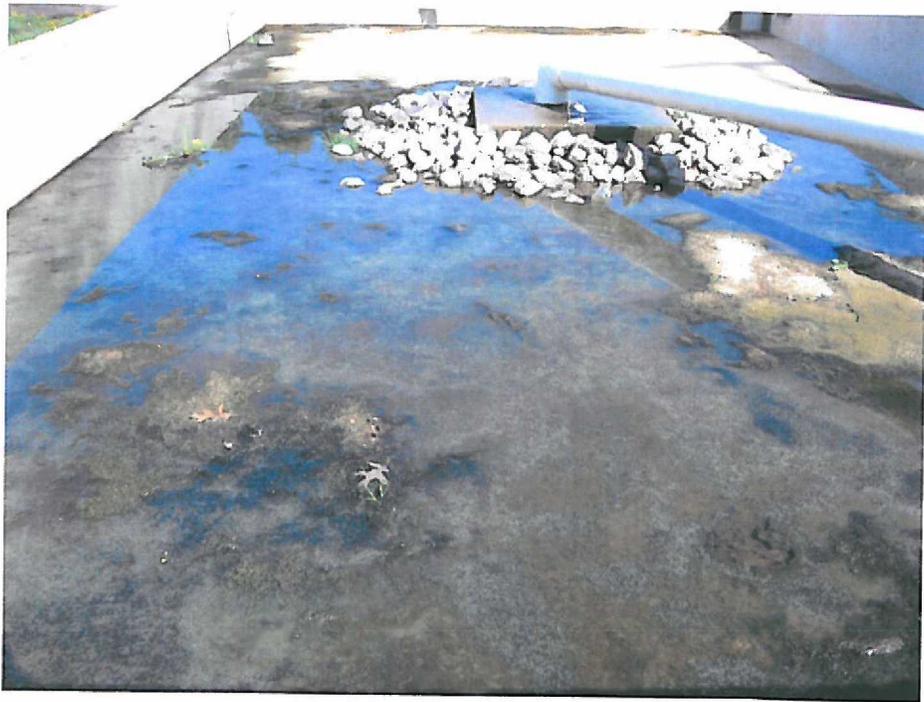


Figure 6