



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

May 6, 2013

RE: PYMATUNING VALLEY RESORT  
OHIO EPA PERMIT 3PR00199  
WILLIAMSFIELD TWP, ASHTABULA COUNTY  
COMPLIANCE EVALUATION INSPECTION

Mr. Robert Tanza, Manager  
Pymatuning Adventure Resort, LLC  
Trident Management  
7652 South Pymatuning Lake Road  
Williamsfield, Ohio 44093

Dear Mr. Tanza:

On May 2, 2013, a site inspection was conducted at the above referenced facility at 7652 South Pymatuning Lake Road, Williamsfield Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. Roger Osburn of Lewis Wastewater Management, your contract operator, and both Mr. James Carpurso and Mr. Richard Riggelman represented Pymatuning Adventure Resort, LLC (PAR) during the inspection. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit. The last compliance inspection was conducted on May 14, 2012.

Several wastewater streams are collected in the wastewater treatment plant (WWTP) onsite sewerage system, including backwash from two pools, concession areas, bathhouses, and individual lots for transient and seasonal campers. The wastewater treatment system consists of a trash trap, aerated equalization tank, extended aeration system with clarifier, wet well/lift station, dosing chamber, slow surface sand filtration, chlorine disinfection, dechlorination, another lift station, final polishing pond, and a metering chamber with flow totalizer. Sludge management consists of sludge removal from an aerated sludge holding tank when needed to sludge drying beds. Dried sludge is placed into a dumpster for disposal off-site at the Geneva Landfill. The facility discharges to an unnamed tributary to Pymatuning Lake (Shenango River) east of the facility. No backup power is provided to the facility, and the facility is provided with alarms.

Mr. Carpurso replaced Mr. Robert (Gus) Holt as the on-site maintenance supervisor on March 29, 2013. Mr. Holt has transferred to another resort in New York State.

### **Observations**

The following observations were made during the inspection:

1. The design flow of the extended aeration plant is 11,500 gallons per day. The plant operates continuously, dosing the sand filters as flow dictates.
2. The collection system for this WWTP consists of gravity sewers and a pump station. The pump station appears to be in working order at the time of the inspection. No changes to the collection system were noted from the 2012 compliance inspection.

3. The plant is operated by Roger Osburn of Lewis Wastewater Services under contract to Pymatuning Adventure Resort, LLC. Mr. Carpurso and Mr. Riggelman operate the plant on days that the plant is not seen by Mr. Osburn.
4. Log books, contract, NPDES permit, and the operation and maintenance manual are maintained at the site and were available for inspection. The onsite information was found compliant with OAC 3745-7-09.
5. The overall condition of the treatment plant during this inspection was not satisfactory. The aeration portion of the plant was near septic due to a lack of sufficient aeration. The air was adjusted to provide sufficient aeration to the plant during the inspection.
6. The content of the sludge holding tank was typical, and was receiving sufficient aeration. Sludge was removed from the facility in September 2012.
7. Collected trash was containerized for disposal at a solid waste landfill. Trash traps are cleaned approximately twice a year.
8. The flow equalization pumps were being bypassed with a temporary pump during the inspection. Mr. Carpurso indicated that the pumps keep tripping off due to disposable diapers and flushable wipes being placed into the system. A solution is being formulated and the pumps are expected to be repaired soon. The alarm was flashing indicated it was working as intended.
9. The content of the aeration tank had a slight septic and a light grey color with poor mixing. The blowers were running but the plant was not receiving sufficient aeration. The air valve at the aeration header was adjusted and appropriate air was added during the inspection. The alarms were tested and found in operating condition.
10. The clarifier surface was clear, with some sludge and scum noted. Effluent channels and weirs were reasonably clean. Both the sludge return lines and skimmer were operating properly at the time of the inspection. The clarifier should be cleaned on a routine basis to minimize floating sludge.
11. Surface sand filter dosing pumps were cycled and found in operating condition. The alarms were tested and found in operating condition.
12. The sand filters were found reasonably clean and in operating condition. The west bed was operating. The east bed contained some sludge that must be removed prior to placing the unit back into service. When the dosing pumps were cycled, water discharging to the filter was observed as clear and percolated freely through the bed.
13. Chlorination and dechlorination systems were installed and operating at the time of the inspection. There was a significant accumulation of leaves and other debris in the tank that should be removed as soon as possible. The post-chlorination aeration appears to be working as designed.
14. The pumps for the dosing tank to the pond were cycled and found in operating condition.
15. The final discharge pipe at the tributary to Pymatuning Lake was observed as clear.

16. Roger Osburn of Lewis Wastewater Management and Clean Streams monitor and perform the sampling. Dustin Lewis is the alternate operator. Lewis Wastewater Management submits the electronic discharge monitoring report (eDMR) through Ohio EPA's Web-based application. Mr. Carpuso and Mr. Riggelman perform routine maintenance on the WWTP under the direction of Mr. Osburn.

**NPDES Permit Compliance Review**

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period April 1, 2012 through April 1, 2013 indicates no apparent noncompliance of the terms and conditions of your NPDES permit.

**Compliance Schedule**

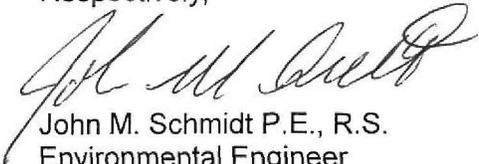
Based upon a review of Ohio EPA's files, the following is a compliance schedule summary as specified by your permit:

Permit Effective Date	Permit Expiration Date	Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule Milestone
10/01/2010	09/30/2015	10/01/2011	5/02/2012	95999	Report	E Coli Status Report
10/01/2010	09/30/2015	10/01/2011	Not Applicable	----	Other	E Coli PTI if needed
10/01/2010	09/30/2015	10/01/2011	10/01/2011	----	Other	Achieve effluent Limits

Although the E.Coli status report was received, it was not received by the date prescribed by your NPDES permit.

If you have any questions or comments regarding this inspection, please feel free to contact me at (330) 963-1175.

Respectively,



John M. Schmidt P.E., R.S.  
Environmental Engineer  
Division of Surface Water

JMS/cs

Dustin Lewis, Lewis Wastewater Management  
Roger Osburn

File/SP/Ashtabula/Williamsfield Twp./Pymatuning Valley Resort (3PR00199)