



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

December 19, 2012

RE: HATTIE LARLHAM CENTER
PERMIT NO. 3PR00146
PORTAGE COUNTY
MANTUA

Mr. Dennis Allen, CEO
Hattie Larlham Center
9772 Diagonal Road
Mantua, Ohio 44255

Dear Mr. Allen:

On December 12, 2012, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Ken Pridemore, Maintenance II Wastewater Treatment Plant Operator. The purpose of the inspection was to evaluate the operation and maintenance of the treatment plant 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/discussed:

1. The plant design of the wastewater treatment system is 30,000 gallons per day.
2. The blowers were running and the plant was receiving good aeration.
3. The contents of the aeration tanks were medium brown in color and no foam was present.
4. The flow equalization tank and sludge holding tank were also being aerated.
5. No odor was present at the treatment plant.
6. All six sludge return lines were functioning properly and returning medium brown water.
7. All three skimmer return lines were functioning properly and returning clear water.
8. The levels of the three skimmers were properly adjusted and were drawing in the floating scum/solids as designed.
9. The surface sand filter consisted of two cells. Only one of the two cells was being utilized. The other cell was being reserved for back up. The cell not in use was free of vegetation and sludge and was ready for use when needed.
10. 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 1st through April 30th.
11. 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 1st through October 31st.
12. The discharge volume is determined by the use of elapsed time meters on the dosing pumps.
13. The final effluent being discharged was clear.
14. No visual impact to the receiving stream was observed.
15. Approximately 4,000 gallons of sludge was hauled from the sludge holding tank to the City of Alliance Waste Water Treatment Plant in 2012.

16. Dissolved oxygen, pH, chlorine residual, and temperature readings are all taken on site by Mr. Pridemore.
17. Mr. Pridemore collects the effluent samples and delivers them to Portage County Water Resources. The samples are packed in ice for shipment.
18. Portage County Water Resources performs the lab analysis and inputs the lab results into the discharge monitoring report for the Hattie Larlham Center. Mr. Pridemore then submits the discharge monitoring report using Hattie Larlham Center's PIN number.
19. A permanent marker at the outfall is required to be posted per the requirement of Part II, letter J of the facility's NPDES permit. This is required to be completed by February 1, 2013.
20. The wastewater treatment plant continues to be well maintained and operated, producing a final effluent which is consistently in compliance with the facility's NPDES permit.

This office has recently reviewed your self-monitoring reports covering the period December 1, 2011 through November 30, 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	00300	Dissolved Oxygen	1D Conc	5.0	4.9	12/26/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	1/3/2012

No frequency violations were noted.

This office is in receipt of an email from Mr. Pridemore dated January 23, 2012, which indicated that the above dissolved oxygen violations were the result of a malfunctioning blower which was supplying air to the system. Mr. Pridemore resolved the problem by switching to another blower.

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/00

cc: Dan Warner, Facilities Director
Ms Mary Ann Costello, Youngstown Developmental Center