



Environmental
Protection Agency

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

March 12, 2012

RE: MAPLE DEL MAOR MHP
PERMIT NO. 3PV00034
PORTAGE COUNTY
CHARLESTOWN

CERTIFIED MAIL

Mr. William Connell, President
6333 Newton Falls Road
Ravenna, Ohio 44266

Dear Mr. Connell:

On March 1, 2012, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Ms. Sally Bisson, Manager. 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:

1. The plant design of the wastewater treatment system is 40,000 gpd.
2. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class I facility. Once the facility's permit is renewed, the permittee shall ensure that the treatment works operator of record is physically present at the facility three days per week for a minimum of 1.5 hours per week.
3. A logbook is required to be maintained at the site per Part II, letter C of the facility's NPDES permit. The logbook should document that the time requirement is being met along with maintenance duties being performed at the treatment plant.
4. The blowers were running and the plant was receiving good aeration.
5. The contents of the aeration tank were medium brown in color and no foam was present.
6. Both the sludge holding tank and flow equalization tank were being aerated.
7. Both sludge return lines were functioning properly and were both returning medium brown water.
8. Both skimmers were functioning. One appeared to be slightly plugged.
9. The weirs and the sidewalls in the settling tank had solids/ algae build-up. They should be scraped down and cleaned out.
10. Bulking solids were floating in the setting tank. The sludge should be removed immediately.
11. Solids were also observed flowing over the weir.
12. The treatment system has rapid sand filters. The system appeared to be operational.
13. Both surface sand filter beds were overflowing into a perimeter drain. The perimeter drain then emptied into a manhole. **Please notify this office where the manhole**

- discharges.** Solids were observed floating in each bed. **Maintenance should be performed on the surface sand filter beds immediately.**
14. Each bed should periodically be taken off line and permitted to dry. The sludge build-up and any vegetation can then be removed from the bed. The beds should be maintained free of sludge and vegetation. All debris should be properly disposed at a licensed landfill
 15. The treatment system is equipped with ultraviolet disinfection. The system was not operating because ultraviolet disinfection is not required during this time of year. However, it should be noted that ultraviolet disinfection is required from May 1st through October 31st.
 16. Flow is monitored with a Sigma 980 flow meter.
 17. The effluent was clear. No visual impact to the stream was observed.
 18. The facility's NPDES permit expires March 31, 2012.
 19. In order to receive authorization to discharge beyond the above date of expiration, the permittee is required to submit the appropriate renewal forms as required by the Ohio EPA no later than 180 days prior to the above date of expiration. Please note that a \$ 200.00 dollar application renewal fee is required at the time of submission. The check shall be made payable to: "Treasurer, State of Ohio" **The facility's renewal application shall be submitted immediately.**
 20. Please note the following includes some of the changes that will be made to the facility's NPDES renewal permit:
 - A. A permanent marker at the outfall will be required to be posted per the requirement of Part II of the facility's NPDES permit.
 - B. A schedule of compliance will be placed in the permit renewal which requires the facility to meet E. Coli limits in the final table for outfall monitoring station 3PV00034001.
 - C. Color, severity and odor, severity will be removed from station 3PV00034001.
 - D. Nitrite plus nitrate, total monitoring will be added to station 3PV00034001.
 - E. Total dissolved solids monitoring will be added to station 3PV00034001.
 21. Once the facility's renewal permit is drafted it will be public noticed. During public notice, you will have a 30-day period to evaluate your permit and comment in writing any concerns you may have.

This office has recently reviewed your self-monitoring reports covering the period October 1, 2009 through January 31, 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	6.0	5.8	6/3/2010
001	00300	Dissolved Oxygen	1D Conc	6.0	3.4	5/3/2011
001	00530	Total Suspended Solids	7D Qty	2.7	3.91748	1/15/2012

No Frequency or code violations were noted.

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This office has no record of receiving the January 2011 discharge monitoring report. This discharge monitoring report should be electronically submitted immediately.

Please notify this office in writing, within 14 days receipt of this letter, of your intentions toward items 2, 3, 8-11, 13, and 19. This letter shall include a completion date for each item. A follow-up inspection will be conducted subsequent to the completion date.

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

Should you have any comments or questions regarding this letter, do not hesitate to contact me at (330) 963-1143.

Respectfully



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/cs

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