



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

November 30, 2011

RE: ATWATER WWTP
PERMIT NO. 3PH00033
PORTAGE COUNTY
ATWATER

Mr. Wayne A. Carkido
Wastewater Division Manager
Portage County Water Resources
449 S. Meridian Street
Ravenna, Ohio 44266

Dear Mr. Carkido:

On November 1, 2011, an inspection of the above referenced facility was conducted. The facility was represented by Mr. Don West, Class IV Superintendent and you. The purpose of the inspection was to: (1) evaluate the performance of the wastewater 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; and (2) determine required additional actions to be undertaken as part of the permit renewal process.

During the inspection, the following items were noted/discussed:

1. The plant design of the wastewater treatment system is 200,000 gpd.
2. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class II 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 five times per week for a minimum of twenty hours per week.
3. The blowers were running and the plant was receiving good aeration.
4. The contents of the aeration tank were medium brown in color and no foam was present. This is typical of a properly operating plant.
5. A new sludge return line was recently installed from the clarifier to the influent. The sludge return mixes with the raw influent.
6. The sludge return line was working properly and was returning medium brown water.
7. The weirs and the sidewalls in the settling tank were free of scum/solids build-up.
8. The effluent trough was leaking between the trough and the V-notch weir. This should be repaired.
9. The tertiary filters were operational and functioning properly.
10. The ultra violet disinfection system was operating properly.
11. The temperature reading in the automatic sampler was 5.0 degrees centigrade. The temperature should read 4.0 degrees centigrade. Mr. West indicated that he would calibrate the unit.
12. The discharge was clear.
13. Please note the following includes some of the changes to the facility NPDES permit:
 - A. 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.
 - 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 3PH00033001.

- C. A schedule of compliance will be placed in the permit renewal which requires the facility to meet reduced phosphorus limits in the final table for outfall monitoring station 3PH00033001.
 - D. Color, severity and odor, severity have been removed.
 - E. Nitrite plus nitrate, total monitoring has been added.
 - F. Sampling station 3PH00033581 has been removed.
14. 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 November 1, 2008, through September 30, 2011, 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	00610	Nitrogen, Ammonia (NH3)	7D Conc	3	3.345	10/22/2009

Frequency Violations

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	09/01/2009

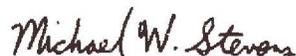
Code Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
801	31616	Fecal Coliform			AK	6/9/2010

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 concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/cs