

**Environmental  
Protection Agency**

**Governor  
Lt. Governor  
Director**

October 6, 2011

RE: COUNTRYSIDE ESTATES WWTP  
PERMIT NO. 3PG00120  
PORTAGE COUNTY  
CHARLESTOWN TOWNSHIP

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

Dear Mr. Carkido:

On September 28, 2011, an inspection of the above referenced facility was conducted. The facility was represented by Messrs. Jeff Lonzrick, Interim Director/Sanitary Engineer, Don West, Class IV Superintendent and you. The purpose of the inspection was to: (1) evaluate the performance of the wastewater treatment system along 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 35,000 gpd.
2. You indicated that Portage County Water Resources (PCWR) owns the wastewater treatment plant. However, Countryside Mobile Home Park owns the collection system and one pump station.
3. PCWR provides service to the pump station and collection system on an as needed basis for a fee.
4. In accordance with Ohio Administrative Code (OAC) 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 times per week for a minimum of one and a half hours per week.
5. The blowers were running and the plant was receiving good aeration.
6. The contents of the aeration tank were medium brown in color and no foam was present. This is typical of a properly operating plant.

7. Both sludge return lines were working properly and were returning medium brown water.
8. Both skimmer return lines were functioning properly and were returning clear water.
9. The weirs and the sidewalls in the settling tank were free of scum/solids build-up.
10. A minimal amount of solids was observed floating on the settling tank and flowing over the weir.
11. The tertiary drum filters were operational.
12. The ultra violet disinfection system was operating properly.
13. The discharge was clear.
14. No visual impact to the receiving stream was observed.
15. The following wastewater treatment improvements were recently installed in 2011:
  - a) Two blowers - the blowers are alternated manually.
  - b) Two Kruger drum filters - each filter is capable of filtering 100% of the plant flow.
  - c) Plant drain pump station - pumps filter backwash to head of plant.
  - d) Ultra violet disinfection -Trojan UV 3000
16. 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 N 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 3PG00120001.
  - c) Color, severity and odor, severity have been removed.
  - d) Phosphorus, total monitoring has been added.
  - e) Nitrite plus nitrate, total monitoring has been added.
17. 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 August 31, 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	00530	Total Suspended Solids	7D Conc	18	19.6	12/15/2008

Code Violations

<u>Station</u>	<u>Reporting Code</u>	<u>Parameter</u>	<u>Limit Type</u>	<u>Limit</u>	<u>Reported Value</u>	<u>Violation Date</u>
001	31616	Fecal Coliform			AK	9/3/2008
001	31616	Fecal Coliform			AK	8/2/2010

No frequency violations were noted.

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*

Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/cs