

**Environmental  
Protection Agency**

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

January 20, 2011

**Re:** Scioto County  
Purtee Acres  
2011 CEI  
Correspondence (PWW)

Scioto County Commissioners  
602 Seventh Street  
Courthouse  
Portsmouth, Ohio 45662

Dear Board of Commissioners:

On October 14, 2010, I conducted a Compliance Evaluation Inspection at Purtee Acres located in Portsmouth, Ohio. Tim Campbell, with this office, assisted me with the inspection. Darren Lebrun, Ryan Smith, Phil Harding and Doug McManus represented Purtee Acres and accompanied me during the inspection. The purpose of the inspection was to determine Purtee Acres' compliance with NPDES Permit Number OPG00051\*FD and the Ohio Water Pollution Control Act, Revised Code Chapter 6111.

As a result of the inspection and review of our files, I have the following comments:

1. Since the previous inspection by the Ohio EPA, there have been numerous NPDES permit violations. The county should do everything possible to eliminate such violations. This is cited in Part II, Item F of your NPDES permit.
2. The meters used for testing the plant effluent have not had calibrations performed on a regular basis. Please calibrate the test meters per Ohio EPA and manufacturers specifications to insure accurate reporting results. This is included in Part III, Item 5 of your NPDES permit.
3. A bypass line has been installed around the sand filters. This allows for a direct discharge to the final tank. Using this bypass is illegal except as provided by conditions in Part III, Item 11 of your NPDES permit. **Also**, the chlorine and dechlorination system at the plant is inadequate. Please provide a schedule to upgrade the system.
4. As we discussed at our meeting, please provide a schedule for reduction of infiltration and intrusion in the collection system and upgrades to the plant. I/I, along with excessive sludge in the plant, could be the cause of the NPDES permit violations. I/I can cause the washing out and overflow of the plant during rain events but also causes unnecessary treatment costs due to the treatment of storm water at the facility.

5. The sludge holding tank is inadequate. Currently solids are hauled to the Wheelersburg WWTP for processing. You informed us that a grant has been applied for to upgrade the tank. Keep the Ohio EPA informed of the progress of the tank replacement project.

Attached is a copy of the inspection report which indicates marginal and/or unsatisfactory evaluations of the following areas: Operations and Maintenance, Facility Site Review, Collection System, Laboratory, Effluent/Receiving Waters, Sludge Storage/Disposal. I gave these ratings because of the deficiencies mentioned in the above comments. The county commissioners should take the appropriate actions to return the facility to compliance with all terms and conditions of the NPDES permit.

Please respond to this letter by January 31, 2011.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets and U.S. EPA's Facility Pollution Prevention Guide, (EPA/600/R-92/088), you may contact the Ohio EPA Pollution Prevention Section at (614) 644-3469 or me at (740) 380-5227 for additional information.

Sincerely,



Scott Foster  
Environmental Specialist 2  
Division of Surface Water

SF/dh

Enclosure

c: Darren Lebrun, Scioto County Sanitary Engineer  
c: Ryan Smith, Treatment Coordinator

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

| Permit No.  | NPDES No. | Date             | Inspection Type | Inspector | Facility Type |
|-------------|-----------|------------------|-----------------|-----------|---------------|
| OPG00051*FD | OH0050865 | October 14, 2010 | C               | S         | 1             |

**B. FACILITY DATA**

| Name and Location of Facility Inspected                         | Entry Time | Permit Effective Date  |
|---|------------|------------------------|
| Purtee Acres WWTP<br>1951 Kittle Road<br>Portsmouth, Ohio 45662 | 9:00 a.m.  | October 1, 2007        |
|   | Exit Time  | Permit Expiration Date |
|   | 11:00 a.m. | September 30, 2012     |

| Name(s) and Title(s) of On-Site Representative(s) | Phone Number(s) |
|---|-----------------|
| Phil Harding                                      | (740) 574-2045  |
| Name, Address and Title of Responsible Official   | Phone Number    |
| Scioto County Commissioners                       | (740) 355-8233  |

**C. AREAS EVALUATED DURING INSPECTION**

- |                                      |                                       |                                     |
|--------------------------------------|---------------------------------------|-------------------------------------|
| <u>  </u> S Permit                   | <u>  </u> S Flow Measurement          | <u>  </u> NA Pretreatment           |
| <u>  </u> S Records/Reports          | <u>  </u> M Laboratory                | <u>  </u> NA Compliance Schedules   |
| <u>  </u> M Operations & Maintenance | <u>  </u> M Effluent/Receiving Waters | <u>  </u> S Self-Monitoring Program |
| <u>  </u> M Facility Site Review     | <u>  </u> M Sludge Storage/Disposal   | <u>  </u> NA Other                  |
| <u>  </u> U Collection System        |                                       |                                     |

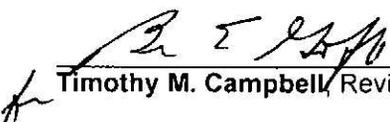
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

**D. SUMMARY OF FINDINGS/COMMENTS** (attach additional sheets if necessary)

See attached inspection letter.

  
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Scott Foster, Inspector, Ohio EPA, Southeast District Office

11/19/11  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

11/19/11  
\_\_\_\_\_  
Date