



State of Ohio Environmental Protection Agency

**Northeast District Office**

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

November 5, 2007

RE: TRUMBULL COUNTY  
HARTFORD TOWNSHIP  
JOSEPH BADGER MEADOWS CAMP  
NPDES PERMIT NO. OH0125962  
OHIO EPA PERMIT NO. 3PR00198

Mr. Thomas Riley, Director  
Joseph Badger Meadows Camp  
7266 Hayes Orangeville Road  
Burghill, Ohio 44404

Dear Mr. Riley:

On October 24, 2007, an Operation and Maintenance Inspection was conducted of the wastewater treatment plant by Mr. Steve Kramer of the Trumbull County Health Department and the undersigned. The purpose of the inspection was to evaluate the facility's compliance with the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit.

**Inspection Findings/Compliance Status**

The current 20,000 gallon/day treatment system consists of preliminary treatment (trash trap), 8,800 gallon flow equalization basin, extended aeration activated sludge "package" plant, final settling tank, 48 sq. ft. dual-cell fixed media clarifier, 800 sq. ft. dual-unit slow surface sand filter, chlorination/dechlorination tank, and sludge holding tank. The system discharges to a tributary of Pymatuning Creek.

At the time of the inspection, the general performance of the system was found to be unsatisfactory. The following deficiencies were noted and discussed with you:

**Equalization Basin:**

- The unit was off-line (aeration and pumping). The flow was exiting the unit via the high level overflow pipe.
- The blower was seized up.

**Aeration Tank:**

- One of the blowers was seized up.

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Upflow Clarifier:

- It appears that electrical power was never provided to the sludge pumps in these units. We understand that new conduit will be run to the units.

A review of the facility's Monthly Operating Reports (EPA Form 4500) received by Ohio EPA for the period, January 2006 - August 2007, indicate significant violations of the final effluent limitations of the NPDES permit. The specific instances of noncompliance are as follows:

| Report Period | Station | Parameter               | Limit Type | Limit | Reported Value | Violation Date |
|---------------|---------|-------------------------|------------|-------|----------------|----------------|
| Jul 2007      | 001     | Nitrogen, Ammonia (NH3) | 7D Qty     | 0.11  | .14281         | 7/1/2007       |
| Jul 2007      | 001     | Nitrogen, Ammonia (NH3) | 30D Qty    | 0.076 | .14281         | 7/1/2007       |
| Jul 2007      | 001     | Nitrogen, Ammonia (NH3) | 7D Conc    | 1.5   | 4.9            | 7/1/2007       |
| Jul 2007      | 001     | Nitrogen, Ammonia (NH3) | 30D Conc   | 1.0   | 4.9            | 7/1/2007       |
| Aug 2007      | 001     | Nitrogen, Ammonia (NH3) | 7D Qty     | 0.11  | .64951         | 8/1/2007       |
| Aug 2007      | 001     | Nitrogen, Ammonia (NH3) | 30D Qty    | 0.076 | .64951         | 8/1/2007       |
| Aug 2007      | 001     | Nitrogen, Ammonia (NH3) | 7D Conc    | 1.5   | 16.5           | 8/1/2007       |
| Aug 2007      | 001     | Nitrogen, Ammonia (NH3) | 30D Conc   | 1.0   | 16.5           | 8/1/2007       |
| May 2007      | 001     | Fecal Coliform          | 30D Conc   | 1000  | 1050.          | 5/1/2007       |

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in fines of up to \$10,000 per day of violation.

Ohio Administrative Code (OAC) 3745-7-02 requires that you have a contract with your certified operator. At a minimum, the contract shall specify that the certified operator be available to respond to emergencies and provide the services (i.e. **inspection, monitoring, maintenance, and supervision**) necessary to maintain the reliable operation of the wastewater works. Signatory authority required pursuant to 40 CFR 122.22 (b) may be addressed under the terms of the contract for submission of Monthly Operating Reports.

Please note that Ohio EPA will be converting from the existing **SWIMware** software to a web-based reporting system, **e-DMR**, by January 1, 2008. The new reporting system will be entirely web based and accessible via any internet connection. Ohio EPA Form 4500, commonly known as MORs, will now be called Discharge Monitoring Reports (DMRs or e-DMRs). User training is tentatively scheduled for late December at this office. Please consult the following website for updates regarding the specific date:

<http://www.epa.state.oh.us/dsw/swims/swtraining.html>

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**Summary/Conclusion:**

Please inform this office, in writing, within 10 days of receipt of this notification as to the actions taken or proposed to address the above referenced violations and/or deficiencies. Please be advised that past or current acts of noncompliance can continue as subjects of future enforcement actions.

Should you have any questions or comments regarding this letter, please contact me at (330) 963-1196.

Respectfully,



Ermelindo Gomes  
Environmental Engineer  
Division of Surface Water

EG:bo

cc: Dwane Stull