



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

January 27, 2012

RE: TRUMBULL COUNTY
BROOKFIELD TOWNSHIP
NORTHERN VENTURES, INC.
1266 STATE ROUTE 7
GENERAL PERMIT NO. OHS00003
OHIO EPA PERMIT NO. 3GS00026

Robert Nemeth, President
Northern Ventures, Inc.
6868 State Route 305
P.O. Box 5
Hartford, Ohio 44424

Dear Mr. Nemeth:

Ohio EPA and the Trumbull County Health Department performed an inspection of the wastewater treatment plant serving the above-referenced property on January 17, 2012. Mr. Steve Kramer represented the Trumbull County Health Department, you represented Northern Ventures, Inc., and the undersigned represented Ohio EPA. The inspection was performed to evaluate the facility's operation and maintenance of its treatment works, as well as determine the facility's overall compliance with its National Pollutant Discharge Elimination System (NPDES) permit.

The existing treatment system is a 500 gpd Orenco AdvanTex AX-20 treatment system. The treatment components consist of two (2) 1,000-gallon septic tanks in series, a 1,500-gallon recirculation/blend tank, an Orenco AdvanTex AX-20 recirculating media filter chamber, and a chlorination and dechlorination disinfection chamber. Treated effluent is discharged to an unnamed tributary of Yankee Creek.

At the time of the inspection, the following observations and/or deficiencies were noted:

1. The overall operation and maintenance of the treatment works was satisfactory. The final effluent was clear, and was causing no immediately observable, adverse impacts to the receiving stream.
2. Floor drains exist in the buildings that are connected to the septic system. Please see to it that the floor drains are permanently capped.
3. A piece of insulation foam was observed in one of the tanks. Please see to it that it is removed to prevent clogging or damage to the internal pumping equipment.
4. A log book is used to record operation and maintenance activities; however it was not being kept onsite. The log book must be kept onsite. Additionally, operation and maintenance personnel must record their arrival and departure times as well as their initials for every visit.

5. Part IV, I of the facility's general NPDES permit requires that an outfall sign be erected no later than four (4) months from the effective date of this permit. During the inspection, no such outfall sign was observed. This was brought to your attention, and you stated that you would have a sign erected shortly. You then sent photographs to this office several days later documenting that the sign had been erected.
6. Part IV, H of the facility's general NPDES permit requires that the permittee designate an operator of record to oversee the technical operation and maintenance of the treatment works. The facility is classified as a Class A facility, and should therefore be operated and maintained by a person with a valid Class A wastewater license. This office has no records that such an operator was identified. Please complete the enclosed Operator of Record Notification (ORC) form to ensure that this requirement is met.
7. Please install a locking bar on the disinfection chamber to prevent unauthorized access.

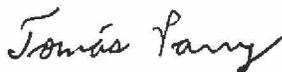
A review of the monthly electronic discharge monitoring reports (eDMRs) received by Ohio EPA for the period, September 2009 – December 2011, indicated violations of the terms and conditions contained in the NPDES permit. The specific instances of noncompliance include:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2011	005	31616	Fecal Coliform	30D Conc	1000	2700	9/1/2011
September 2011	005	31616	Fecal Coliform	7D Conc	2000	2700	9/15/2011
September 2011	005	50060	Chlorine, Total Residu	1D Conc	0.019	.11	9/6/2011

Past or present violations of the NPDES permit are subject to appropriate enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Please provide to this office, within 14 days' receipt of this letter, written documentation describing the actions that have been taken to address the above-referenced deficiencies.

If there are any questions or comments regarding this letter, please contact this office at (330) 963-1120.

Respectfully,



Tomás Parry
Environmental Engineer
Division of Surface Water

TP/cs

Attachments: photographs
Enclosures: ORC form

