



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Richland County  
Malabar Farm Inn  
NPDES Permit

September 17, 2008

Mr. Jay Crow, WWTP Operator  
Mohican State Park  
3116 State Route 3  
Loudonville, Ohio 44842

Dear Mr. Crow:

On September 4, 2008, an inspection was made of the wastewater treatment facilities serving the Malabar Farm Inn restaurant located on Pleasant Valley Road 1/4 mile west of State Route 603, Monroe Township, Richland County. You were present to provide information regarding the plant's operation. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

A review of the discharge monitoring reports submitted for the months of December 2007, through July 2008, revealed several violations of the limits contained in the NPDES permit. Approximately half of these violations were for exceeding the CBOD limit. The level of dissolved oxygen in the aeration tanks should be checked to make sure that sufficient oxygen is being supplied to breakdown all the waste material. Since our previous inspection, a new ultraviolet disinfection system has been approved and installed. No further fecal coliform or residual chlorine violations have occurred since this equipment's installation.

If you have any questions please call me at 419-373-3070.

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/l/r

Enclosure

pc: ~~DSW-NWDO~~File  
Louis Andres, Malabar Farm State Park  
ODNR Malabar Farm State Park

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PP00050

Facility Name Malabar Farm Inn Expiration Date 2/28/2011

Facility Address Pleasant Valley Road Date 9/4/08 Time 2:30 am

City Perryssville County Richland Township \_\_\_\_\_

Name and Address of Owner Ohio DNR

Person Contacted Jay Crow - operator Owner Phone \_\_\_\_\_

Flow: Design 4,000 GPD Present 500-1,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 82° sunny

OEPA Personnel Walter Acies District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: unnamed trib. Switzer Creek

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance

d. Not operating at expected efficiency due to:

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/ solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: CBOD, TSS

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name \_\_\_\_\_

Frequency of Visits \_\_\_\_\_

Facility Name: Malabar Farm Inc

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	clean
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: <i>may need to check amount of air supplied sh. by BOD results</i>
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>filters look great/very clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>on</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on sand filter los. by pumps</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	<i>Jay was trying to get a hold of contractor to come remove sludge</i>
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	