



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 Korleski, Director

Re: Richland County  
Malabar Farm Inn  
NPDES Permit

June 26, 2007

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

Dear Mr. Crow:

On June 14, 2007, 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.

During the inspection we observed the inside of the trash trap and discovered significant grease buildup inside the outlet baffle. The practice of aerating the trash trap should be stopped and the tank monitored to see if this helps retain the grease in the trash trap. Heavy amounts of grease were present in the aeration tanks of the treatment plant.

A review of the monthly operating reports submitted for the months of March 2006 through April 2007 revealed several violations of the limits contained in the NPDES permit. The majority of these violations were for exceedences of the residual chlorine limit. The installation of dechlorination facilities should prevent these violations. Please see the attached sheet for a print out of these violations.

Your NPDES permit contains a compliance schedule for the installation of dechlorination facilities. It would also be acceptable to install a UV system in lieu of dechlorination. A permit to install (PTI) was to have been submitted no later than March 1, 2007. As of the date of this letter, we have not received a PTI for the above mentioned upgrades. Please respond in writing to this office within 14 days of receipt of this letter with a time line to submit the required PTI.

Mr. Jay Crow, WWTP Operator  
June 26, 2007  
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If you have any questions please call me at 419-373-3070.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/lr

Enclosure

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

Malabar Farm Inn NPDES permit limit violations  
 March 2006 through April 2007

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00050*AD	April 2007	001	00530	Total Suspended Solids	30D Conc	12	14.	4/1/2007
2PP00050*AD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	5/4/2006
2PP00050*AD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/11/2006
2PP00050*AD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/18/2006
2PP00050*AD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/24/2006
2PP00050*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	3.	6/15/2006
2PP00050*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.	6/1/2006
2PP00050*AD	June 2006	001	31616	Fecal Coliform	1D Conc	2000	3767.	6/15/2006
2PP00050*AD	June 2006	001	31616	Fecal Coliform	30D Conc	1000	3767.	6/1/2006
2PP00050*AD	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.16	6/8/2006
2PP00050*AD	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/22/2006
2PP00050*AD	August 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	8/3/2006
2PP00050*AD	August 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	8/17/2006
2PP00050*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	9/7/2006
2PP00050*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	9/21/2006
2PP00050*AD	April 2006	001	00530	Total Suspended Solids	30D Conc	12	14.	4/1/2006
2PP00050*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	7/13/2006
2PP00050*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	7/27/2006
2PP00050*AD	October 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	10/5/2006
2PP00050*AD	October 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	10/19/2006
2PP00050*AD	March 2007	001	00530	Total Suspended Solids	1D Conc	18	27.	3/22/2007
2PP00050*AD	March 2007	001	00530	Total Suspended Solids	30D Conc	12	27.	3/1/2007
2PP00050*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.78	3/22/2007
2PP00050*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.78	3/1/2007

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 21P00050

Facility Name Galbraith Farm Inn Expiration Date 2/28/11  
 Facility Address SR 603 Date 6/14/07 Time 1:45 am  
 City Kerrville County Richland Township \_\_\_\_\_  
 Name and Address of Owner ODNR  
 Person Contacted Jay Crow Owner Phone \_\_\_\_\_  
 Flow: Design 4,000 GPD Present ~800 GPD (metered - estimated)  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp \_\_\_\_\_  
 OEPA Personnel Water Aries 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 <input checked="" type="checkbox"/>	OUT _____	Chlorination Tablets _____
_____	_____	Dechlorination Tablets <u>no</u>
_____	_____	U.V. <u>dechlor unit</u>

Yes No

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations  \_\_\_\_\_ Chlorine Residual

5.  Adequate plant safety

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

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

Facility Name: Malabar Farm Inn

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: <i>heavy grease</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: <i>1/2 hr on, 1/2 hr off</i>
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	2	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	2	Clarifier	<i>very clear</i>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>very clear</i>
		Polishing Pond	
		Other	
Disinfection	2	Chlorine Tube Feeder	<i>okay</i>
		Dechlorination Tube Feeder	<i>-need to install dechloro UV</i>
		Ultraviolet (UV)	
Flow Metering	2	Elapsed Pump Time	<i>on sand filter dosing</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
	2	Sludge Drying Bed	<i>don't use</i>
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	