



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

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www.epa.state.oh.us

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

Re: Ashland County  
Fin, Feather, Fur  
NPDES Permit

June 20, 2007

Mr. Michael Goschinski  
Fin, Feather, Fur  
606 U.S. 250 East  
Ashland, Ohio 44805

Dear Mr. Goschinski:

On May 30, 2007, an inspection was made of the wastewater treatment facilities serving the Fin Feather Fur Outfitters located at 606 U.S. 250, Ashland County. All major treatment units were in operation and appeared to be functioning normally.

Some floating sludge was observed in the clarifier tank. The skimmer should be used to return this sludge to the aeration tank. The air supply to the sludge holding tank was not on. Some odors were detected from the holding tank. The only time the air to this tank should be turned off is just prior to decanting the clean water off of the top. The air supply to this tank should be turned back on. Also, no tablets were observed in the dechlorination unit.

A review of your monthly operating reports submitted to our office for the period of September 2006 through April 2007 revealed several *violations* of the conditions of your permit. Please see the attached spreadsheet for a listing of these *violations*. Our office is concerned with the number of violations that have been occurring at the plant. Increased presence of the certified operator may be required to help improve the treatment. Field sampling performed during the inspection indicated an ammonia concentration in the clarifier effluent of 0.25 mg/L.

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

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water  
/csl

Enclosed

pc: NWDO-DSW file w/enclosure

Lonnie McGhee, McGhee's Technical Water Services Inc. w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 21200145

Facility Name Fin, Feather, Fur Expiration Date 9/30/10

Facility Address 606 US 250 Date 5/30/07 Time 1:30 am/pm

City Ashland County Ashland Township \_\_\_\_\_

Name and Address of Owner Mike Goschinski

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 5,000 GPD Present 1,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 85° sunny

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Katowana Creek - not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination Tablets
_____	_____	Dechlorination Tablets <u>need more dechlor tablets</u>
_____	_____	U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations  NH<sub>3</sub>, TSS, CBOD

5.  Adequate plant safety

6.  Operation and Maintenance Service Name MTWST

Frequency of Visits ?

Facility Name: Fin, Feather, Fur

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	okay
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <u>N</u>	Cycle Time: ?
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>Some floating sludge</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u>    </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u>    </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>look great</u>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<u>need to add more tablets</u>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<u>or dosing station</u>
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	<del>Raw</del> Wastewater (type) <u>ER</u>	<u>ok</u>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<u>ok</u>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<u>air to tank was off</u>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<u>or</u>
		Spray Irrigation	
		Other	

Fin Feather Fur NPDES permit limit violations  
September 2006 through april 2007

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2006	001	31616	Fecal Coliform	30D Conc	1000	2500.	9/1/2006
September 2006	001	31616	Fecal Coliform	1D Conc	2000	2500.	9/13/2006
October 2006	001	00530	Total Suspended Solids	30D Conc	12	15.6	10/1/2006
November 2006	001	00530	Total Suspended Solids	30D Conc	12	18.	11/1/2006
November 2006	001	80082	CBOD 5 day	1D Conc	15	25.2	11/1/2006
November 2006	001	80082	CBOD 5 day	30D Conc	10	25.2	11/1/2006
November 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.	11/23/2006
December 2006	001	00530	Total Suspended Solids	30D Conc	12	27.2	12/1/2006
December 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	18.3	12/1/2006
December 2006	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.057	.06927	12/1/2006
December 2006	001	00530	Total Suspended Solids	1D Conc	18	27.2	12/13/2006
December 2006	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	18.3	12/13/2006
January 2007	001	00530	Total Suspended Solids	30D Conc	12	29.	1/1/2007
January 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.37	1/1/2007
January 2007	001	80082	CBOD 5 day	30D Conc	10	12.3	1/1/2007
January 2007	001	00530	Total Suspended Solids	1D Conc	18	29.	1/3/2007
February 2007	001	00530	Total Suspended Solids	30D Conc	12	46.	2/1/2007
February 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	16.6	2/1/2007
February 2007	001	80082	CBOD 5 day	30D Conc	10	13.5	2/1/2007
February 2007	001	00530	Total Suspended Solids	1D Conc	18	46.	2/7/2007
February 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	16.6	2/7/2007
March 2007	001	00530	Total Suspended Solids	30D Conc	12	15.2	3/1/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	60.5	3/1/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.057	.68698	3/1/2007
March 2007	001	80082	CBOD 5 day	30D Conc	10	30.6	3/1/2007
March 2007	001	80082	CBOD 5 day	30D Qty	0.19	.34746	3/1/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	60.5	3/7/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.085	.68698	3/7/2007
March 2007	001	80082	CBOD 5 day	1D Conc	15	30.6	3/7/2007
March 2007	001	80082	CBOD 5 day	1D Qty	0.28	.34746	3/7/2007
April 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.85	4/1/2007