Ohio | Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Fin, Feather, Fur
NPDES Permit

May 24, 2011

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

Dear Mr. Goschinski:

On May 11, 2011, an inspection was made of the wastewater treatment facilities serving the Fin, Feather, Fur Outfitters located at 606 U.S. 250 East, Ashland County. All major treatment units were in operation and appeared to be functioning normally. A clear discharge was observed from the treatment plant. No concerns were noted with the plant operations

During the inspection no operator records could be found onsite. Our previous inspection revealed that the log was being kept in an unlocked control panel, however it could not be found. The log should be available for inspection onsite with the previous 3 months' worth of data. It appeared as though the operator had been onsite earlier in the day as the sand filters appeared to have just been switched and may have taken the log back to the office for reporting purposes.

A review of your discharge monitoring reports submitted to our office for the period of December 2010 through April 2011 revealed several ***violations*** of the limits contained in your NPDES permit. A printout of the ***violations*** has been enclosed for your review. This plant has historically struggled to maintain compliance with the ammonia limits during colder weather. The operator is adding sodium bicarbonate in an effort to improve ammonia removal. It may be necessary to insulate the treatment plant aeration tanks next winter in an effort to maintain a temperature conducive for ammonia removing bacteria. This can be done fairly effectively and inexpensively by inserting foam board insulation into the galvanized grating.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/cs
Enclosure
pc: NWDO-DSW File w/enclosure
Lonnie McGhee, McGhee's Technical Water Services Inc. w/enclosure

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402-9398

419 | 352 8461
419 | 352 8468 (fax)
www.epa.ohio.gov

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00145

Facility Name Fin Feather Fur Expiration Date 12/31/15

Facility Address 652 US 42 Date 5/11/11 Time 1:00 am / pm

City Ashland County Ashland Township

Name and Address of Owner Mike Goschinski

Person Contacted Owner Phone

Flow: Design 5000 GPD Present 1000-2000 GPD (metered - estimated)

Trib. Pop. (actual - estimated) Weather at time of inspection: Temp 70° Sun

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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: Kyatatawa Creek

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has ____ excellent X good ____ fair ____ poor operation
b. Plant has ____ excellent X good ____ fair ____ poor maintenance
c. Sand filters have ____ excellent X 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	
X	____	Chlorination Tablets
X	____	Dechlorination Tablets
____	____	U.V.

	Yes	No	
4.	____	X	Compliance with NPDES Permit

	Y	N	Parameters:
Periodic Violations	____	____	
Chronic Violations	X	____	NH_3

5. X ____ Adequate plant safety

6. X ____ Operation and Maintenance Service Name McGhee's TWS I

Frequency of Visits 3/week

Facility Name: Fir Feather Ear

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	✓	Flow Equalization	EQ okay
Aeration Equipment	✓	Plant Timer ✓ Y ___ N Motor/ Blower Unit running	Cycle Time:
Secondary Treatment	✓	Aeration Tank	Color: good color Adequate Aeration: Y ✓ N ___
Final Settling	✓	Clarifier	good clarity
	✓	Sludge Return	In ✓ Out ___ one good color one running clear
	✓	Surface Skimmer	In ___ Out ✓
		Fixed Media Clarifier	
Tertiary Treatment	✓	Surface Sand Filter south in use	north has some water & sludge - must have just been switched
		Polishing Pond	
		Other	
Disinfection	✓	Chlorine Tube Feeder	in
	✓	Dechlorination Tube Feeder	in
		Ultraviolet (UV)	
Flow Metering	✓	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	✓	~~Raw Wastewater (type)~~ Flow EQ	okay
	✓	Sand Filter Effluent Dosing	okay - indicator light for pump #2 lit on panel
Sludge Handling	✓	Aerated Storage Tank	air on
		Sludge Drying Bed	
Sludge Disposal	✓	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	✓	Post Aeration	on - small leak in valve near filter
		Spray Irrigation	
		Other	

Get New Data

Fin Feather Fur NPDES permit limit violationsDecember 2010 through April 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00145*CD	December 2010	001	00530	Total Suspended Solids	30D Conc	12.0	16.	12/1/2010
2PR00145*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	89.	12/1/2010
2PR00145*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.057	.33687	12/1/2010
2PR00145*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	89.	12/8/2010
2PR00145*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.085	.33687	12/8/2010
2PR00145*CD	January 2011	001	00530	Total Suspended Solids	30D Conc	12.0	44.	1/1/2011
2PR00145*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	92.	1/1/2011
2PR00145*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.057	.17411	1/1/2011
2PR00145*CD	January 2011	001	80082	CBOD 5 day	30D Conc	10.0	33.6	1/1/2011
2PR00145*CD	January 2011	001	00530	Total Suspended Solids	7D Conc	18.0	44.	1/8/2011
2PR00145*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	92.	1/8/2011
2PR00145*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.085	.17411	1/8/2011
2PR00145*CD	January 2011	001	80082	CBOD 5 day	7D Conc	15.0	33.6	1/8/2011
2PR00145*CD	February 2011	001	00530	Total Suspended Solids	30D Conc	12.0	22.8	2/1/2011
2PR00145*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	52.8	2/1/2011
2PR00145*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.057	.17986	2/1/2011
2PR00145*CD	February 2011	001	00530	Total Suspended Solids	7D Conc	18.0	22.8	2/15/2011
2PR00145*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	52.8	2/15/2011
2PR00145*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.085	.17986	2/15/2011
2PR00145*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	43.4	3/1/2011
2PR00145*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.057	.29568	3/1/2011
2PR00145*CD	March 2011	001	80082	CBOD 5 day	30D Conc	10.0	15.	3/1/2011
2PR00145*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	43.4	3/22/2011
2PR00145*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.085	.29568	3/22/2011
2PR00145*CD	April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	44.	4/1/2011
2PR00145*CD	April 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	44.	4/1/2011
2PR00145*CD	April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.057	.33308	4/1/2011
2PR00145*CD	April 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.085	.33308	4/1/2011