



Environmental  
Protection Agency

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

Re: Ashland County  
Coburn Inc.  
NPDES Permit

October 11, 2011

Mr. Chuck Zimmerman, President  
Coburn Incorporated  
P. O. Box 147  
636 County Road 30-A  
Hayesville, Ohio 44838

Dear Mr. Zimmerman:

On August 19, 2011, an inspection was made of the wastewater treatment facilities serving Coburn Incorporated located at 636 C.R. 30-A, Vermillion Township, Ashland County. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The operators' log at the wastewater plant was reviewed. The log sheet should be edited to include a column for the operator's initials, time in, time out, and a column for comments. This was mentioned in our previous inspection letter. These items are required under OAC 3745-7-09. It was also noted that the yearly calendar was not being filled in by the operator. You are required to have at least the previous three months worth of records available onsite for review. If the operator chooses to use the yearly calendar for this purpose, they both need to be completed. No entries had been made on the calendar since August 1.

A review of the discharge monitoring reports submitted to our office for the months of February through August 2011, revealed seven **violations** of the limits contained in your NPDES permit. The violations were for exceeding the total suspended solids limit and ammonia limit in the March, April and June samples.

The facility is considered to be in significant noncompliance. Please inform our office in writing of the steps that have been taken or will be taken to eliminate these violations. This letter should be submitted by November 1, 2011.

Mr. Chuck Zimmerman, President  
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If you have any questions, please contact me at 419-373-3070.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

Enclosure

pc: ~~DSW-NWDO File w/enclosure~~  
Kevin Dean, Dean's Backflow Service w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY  
 OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2P000140

Facility Name Coburn Inc Expiration Date 5/31/2016  
 Facility Address 636 C.R. 30A Date 8/19/11 Time 1:00 am  
 City Hayesville County Ashtabula Township \_\_\_\_\_  
 Name and Address of Owner \_\_\_\_\_

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

Flow: Design 4500 GPD Present 400-6000 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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
2	Moderate	<input type="checkbox"/>	Light Solids	<input type="checkbox"/>	Musty	<input type="checkbox"/>	Grey
3	Serious	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4	Extreme	<input type="checkbox"/>	Heavy Solids	<input type="checkbox"/>	Septic	<input type="checkbox"/>	Black

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

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

Yes No

4.  Compliance with NPDES Permit

Periodic Violations  Y  N Parameters: TSS, NH3  
 Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Dean's Backflow

Frequency of Visits 2/week

Facility Name: Coburn Inc

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <u>1/3 months</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <u>N</u>	Cycle Time:
		Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>color okay</u> Adequate Aeration: <u>Y</u> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>good clarity</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <u>X</u> Out <u>    </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u>X</u> Out <u>    </u>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>south bed in use - some sludge, time to switch beds</u>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<u>in</u>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<u>in</u>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<u>on water well</u>
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<u>on</u>
		Spray Irrigation	
		Other	