



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korteski, Director

Re: Williams County  
Norlick Place  
NPDES Permit

December 6, 2010

Williams County Commissioners  
One Courthouse Square  
Bryan, Ohio 43506

Dear Commissioners:

On November 16, 2010, a compliance inspection was made of the wastewater treatment plant serving Norlick Place. The treatment facility is located along County Road 13 in Center Township, Williams County. Mr. Toby Rupp was present and provided information regarding the operation of the treatment plant. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PG00067 (OH0058831).

At the time of the inspection, the wastewater treatment facilities were in operation, and the contents of the aeration tanks were brown. The final discharge from the plant was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Your current NPDES permit will expire on July 31, 2011. This permit (Part I, Item C) requires the County to comply with an implementation schedule to install either a new treatment plant or a new sanitary sewer extension. On September 14, 2010, a Permit-to-Install (PTI) approval was granted to replace the existing treatment plant. The County plans to begin construction in December 2010.

Our review of your discharge monitoring reports (6/1/2009 to 12/1/2010) for this facility indicated some effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review. If you have any questions or comments, please call Jason Ko at (419) 373-3021.

Yours truly,

Elizabeth Wick, PE  
District Engineer/Unit Supervisor  
Division of Surface Water

/l/r

Enclosures

pc: Willis Allomong, WW Operator  
DSW-NWDO File

ATTACHMENT III  
EFFLUENT LIMIT VIOLATIONS FOR OUTFALL 001  
21W00070\*GD

**OPERATION AND MAINTENANCE INSPECTION**

NPDES Permit No. 2PG00067

Facility Name: Norlick Place Expiration Date: July 31, 2013

Facility Address: County Road 13 Date: 11/16/2010 Time: 12:00 pm

City: Bryan County: Williams Township: Center

Name and Address of Owner: Williams County commissioners, Courthouse, Bryan, OH 43506

Person Contacted: Mr. Toby Rupp, Operator Phone: (419) 636-8739

Flow: Design: 48,000 GPD Present                      GPD

Trib. Pop. 230 Homes (estimated) Weather at time of inspection: Temp Cloudy & 40

OEPA Personnel: Jason Ko 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: Lick 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            good X fair            poor operation  
 b. Plant has            excellent            good X fair            poor maintenance  
 c. Sand filters have            excellent            good X 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	
	<u>X</u>	Chlorination
	<u>X</u>	Dechlorination
		U.V

- |          |                   |                                   |                     |                                      |                   |
|----------|-------------------|-----------------------------------|---------------------|--------------------------------------|-------------------|
| Yes      | No                |                                   | Yes                 | No                                   | Parameters        |
| <u>X</u> | <u>          </u> | Compliance with NPDES Permit      | Periodic Violations | <u>          </u>                    | <u>          </u> |
| <u>X</u> | <u>          </u> | Adequate Plant Safety             | Chronic Violation   | <u>          </u>                    | <u>          </u> |
| <u>X</u> | <u>          </u> | Operation and Maintenance Service | Name:               | <u>Williams County Sanitary Dept</u> |                   |

Frequency of Visits: Daily

Facility Name: Norlick Place

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/Qtr
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 20 hrs "ON" & 4 hrs "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	6	Aeration Tank	Color: brown Adequate Aeration: Y <u>X</u> N <u>    </u>
Final Settling	2	Clarifier	
	2	Sludge Return	In <u>X</u> Out <u>    </u> Returning solids
	2	Surface Skimmer	In <u>X</u> Out <u>    </u> Returning clear
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	Out	Chlorine	Required 5/1 thru 10/31
	Out	Dechlorination	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Other	Use design flow
Pumps		Raw Wastewater (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	