



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 Korteski, Director

Re: Williams County
Norlick Place
NPDES Permit

July 13, 2009

Williams County Commissioners
One Courthouse Square
Bryan, Ohio 43506

Dear Commissioners:

On June 18, 2009, an operation and maintenance inspection was conducted at the wastewater treatment plant serving Norlick Place. The treatment facility is located along County Road 13 in Center Township. Mr. Willis Allomong 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. Please note that the disinfection is required to be in operation from May 1 through October 31.

Your current NPDES permit will expire on July 31, 2013. 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. We received a letter dated February 5, 2009 from the County indicating that a new treatment plant would be installed. The letter further stated that a Permit-to-Install (PTI) application would be submitted by March 2009 and construction would begin by July 2009. We understand that the County is currently seeking funding from our Division of Environmental Financial Assistance and will submit the PTI application soon.

A review of your discharge monitoring reports (1/1/2008 to 6/1/2009) for this facility indicated some effluent violations. Please refer to the enclosed violation table. Our completed inspection form is also enclosed for your review. If you have any questions or comments feel free to call Jason Ko at (419) 373-3021.

Yours truly,

Elizabeth Wick, P.E.
WQ Engineer
Division of Surface Water
/lb

Enclosures

pc: Willis Allomong, WW Operator

NWDO:File

**OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION**

NPDES Permit No. 2PG00067

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

Facility Address: County Road 13 Date: 6/18/2009 Time: 10:00 am

City: Bryan County: Williams Township: Center

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

Person Contacted: Mr. Willis Allomong, Operator Phone: (419) 636-8739

Flow: Design: 48,000 GPD Present GPD

Trib. Pop. 230 Homes (estimated) Weather at time of inspection: Temp Cloudy & 70

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: 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 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> </u>	<u>X</u>	Chlorination
<u> </u>	<u>X</u>	Dechlorination
<u> </u>	<u> </u>	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: 22 hrs "ON" & 2 hrs "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	6	Aeration Tank	Color: brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	2	Clarifier	With 4 hoppers
	2	Sludge Return	In <u>X</u> Out _____ Returning solids
	2	Surface Skimmer	In <u>X</u> Out _____ 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	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00067*FD	April 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	7.8	10.8	4/1/2008
2PG00067*FD	April 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.42	1.96214	4/1/2008
2PG00067*FD	July 2008	001	31616	Fecal Coliform	7D Conc	2000	5300.	7/8/2008
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	5.2	21.	1/1/2009
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	7D Conc	7.8	21.6	1/1/2009
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.945	3.81528	1/1/2009
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.42	3.92429	1/1/2009
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	7D Conc	7.8	20.4	1/15/2009
2PG00067*GD	January 2009	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.42	3.70627	1/15/2009
2PG00067*GD	February 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	5.2	10.195	2/1/2009
2PG00067*GD	February 2009	001	00610	Nitrogen, Ammonia (NH3	7D Conc	7.8	17.3	2/1/2009
2PG00067*GD	February 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.945	1.85223	2/1/2009
2PG00067*GD	February 2009	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.42	3.14306	2/1/2009