

Norlick
Blue



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 Korleski, Director

Re: Williams County
Norlick Place Subdivision
Pre-permit Renewal Inspection

April 17, 2008

Mr. Dennis M. Bell, P.E., P.S., Williams County Engineer
Williams County Engineer's Department
12953 County Road G
Bryan, OH 43506

Dear Mr. Bell:

We received the National Pollutant Discharge Elimination (NPDES) permit renewal application on October 9, 2007 for Norlick Place Subdivision. On March 27, 2008, Tanushree Courlas conducted an inspection of the wastewater treatment plant as part of the process to renew the NPDES permit. Mr. Willis Allomong was present and provided operation and maintenance information regarding wastewater treatment discharges to Lick Creek. Norlick Subdivision currently has a System NPDES Permit (number 2PG00067).

Since our last inspection on June 13, 2006, there have been permit violations for Fecal Coliform, Ammonia, and Dissolved Oxygen on a few occasions. A summary of the violations during the last permit cycle is attached.

During the inspection, all treatment units were in operation and effluent was being discharged to Lick Creek. The plant effluent and the final discharge were clear. No odor or color was observed in the plant effluent. The contents of the aeration tank were brown in color which indicated adequate aeration. The effluent from the clarifier was clear. No samples were taken to verify compliance with permit limits. Currently, grab samples and composite samples are being analyzed as required by the NPDES Permit.

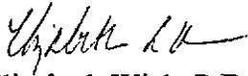
The physical state of the treatment facility is still of concern. In order for your operators to properly maintain the wastewater treatment plant, they would need to compromise their safety. Pictures taken at this and previous inspections have been enclosed. The previous permit required a connection to a Regional Sewer System or POTW. During discussions with the county, it was noted that this was not accomplished due to funding issues. Normally, noncompliance with the NPDES permit would be grounds for enforcement action; however, we will be issuing a new permit with a new schedule to connect the Norlick Subdivision to a Regional Sewer System or POTW.

Mr. Dennis Bell
April 17, 2008
Page 2

As stated in a letter from the county dated November 29, 2007, plans are to connect the Norlick Place Subdivision to the proposed sewer along County Road 12. The new permit will require connection within 36 months from the effective date of the permit.

You will receive your draft NPDES permit within the next few months. Please make any comments in the allotted time frame. If you have any questions, please call Tanushree Courlas at (419) 373-3053.

Yours truly,



Elizabeth Wick, P.E.
District Engineer, Unit Supervisor
Division of Surface Water

/csl

Enclosure

pc: DSW-NWDO File w/ all enclosures
Williams County Commissioners w/all enclosures
Willis Allomong, Williams County Engineer's Office w/ all enclosures

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PG00067

Facility Name Norlick Place Subdivision Expiration Date 06/30/08

Facility Address CR 13 about 0.5 mile north of SR 34 Date 03/27/08 Time 11:30 am

City Bryan County Williams Township Center

Name and Address of Owner Williams County Commissioners, Williams County Courthouse, Bryan, Ohio 43506

Person Contacted Willis Allomong Owner Phone (419) 636-2454

Flow: Design 48000 GPD Present _____ GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 40 ° cloudy

OEPA Personnel Tanushree Courlas 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 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	
_____	<u>X</u>	Chlorination Tablets
_____	<u>X</u>	Dechlorination Tablets
_____	_____	U.V.

Yes No

4. X Compliance with NPDES Permit
 Periodic Violations X Y N _____ Parameters: NH3, DO, Fecal
 Chronic Violations _____ X

5. X Adequate plant safety

6. X Operation and Maintenance Service Name Willis Allomong

Frequency of Visits Daily

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: IN
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	
Aeration Equipment		Plant Timer ___Y___ N	Cycle Time: Off twice for one hour each.
	2	Motor/ Blower Unit	
Secondary Treatment	6	Aeration Tank	Color :good color and roll walls of tank are crumbling and breaking down Adequate Aeration: Y _X_ N ___
Final Settling	2	Clarifier	
	2	Sludge Return	In <u>X</u> Out <u>good color</u>
	2	Surface Skimmer	In <u>X</u> Out <u></u>
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	IN (NE Filter ON, NW and SW Filters need to be cleaned)
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	OUT for season
	1	Dechlorination Tube Feeder	OUT for season- clear effluent
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling	4	Aerated Storage Tank	aerated sludge tanks
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	



Norlick Place Subdivision on County Road 13
View of crumbling aeration tank which is covered with
sheets of plywood.

Picture taken on July 13, 2006 by Tanushree Courlas



Norlick Place Subdivision on County Road 13
View of crumbling aeration tanks which are covered with
sheets of plywood.

Picture taken on July 13, 2006 by Tanushree Courlas.



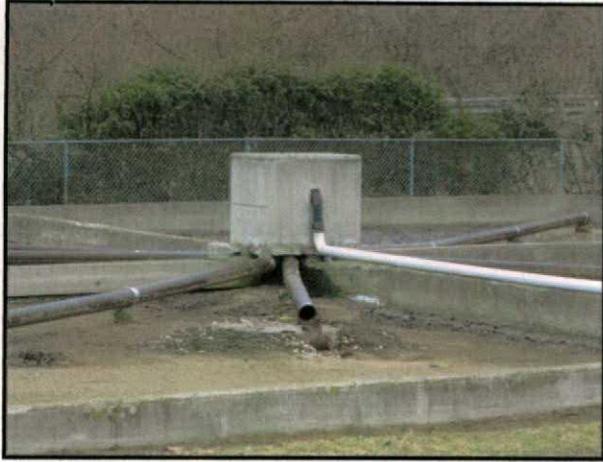
Norlick Place Subdivision on County Road 13
View of crumbling aeration tanks which are covered with
sheets of plywood.

Picture taken on July 13, 2006 by Tanushree Courlas.



Norlick Place Subdivision on County Road 13
View of crumbling sand filter dosing tank.

Picture taken on July 13, 2006 by Tanushree Courlas.



Norlick Place Subdivision on County Road 13
View of crumbling sand filter dosing tank and pipes.

Picture taken on March 27, 2008 by Tanushree Courlas.



Norlick Place Subdivision on County Road 13
View of crumbling aeration tanks which are covered with sheets of plywood.

Picture taken on March 27, 2008 by Tanushree Courlas.



Norlick Place Subdivision on County Road 13
View of crumbling aeration tanks which are covered with sheets of plywood.

Picture taken on March 27, 2008 by Tanushree Courlas.

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00067*FD	July 2007	001	31616	Fecal Coliform	7D Conc	2000	14000.	7/1/2007
2PG00067*FD	July 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.61	3.56	7/22/2007
2PG00067*FD	July 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.47	.64678	7/22/2007
2PG00067*FD	July 2007	001	31616	Fecal Coliform	7D Conc	2000	4000.	7/22/2007
2PG00067*FD	August 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.61	3.99	8/1/2007
2PG00067*FD	August 2007	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.47	.7249	8/1/2007
2PG00067*FD	August 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	4.66	8/8/2007