



State of Ohio Environmental Protection Agency

Northwest District Office

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Bowling Green, OH 43402-9398

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Williams County
Hickory Hills Subdivision
NPDES Permit

July 13, 2009

Williams County Commissioners
One Courthouse Square
Bryan, OH 43506

Dear Commissioners:

On June 18, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving Hickory Hills Subdivision. The treatment facility is located along State Route 34 in Springfield Township. Mr. Willis Allomong was present and provided information regarding the operation of the treatment plant.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tank were brown with good roll. The final discharge from the polishing pond was not observed during the inspection. Disinfection, as required by the NPDES permit between May 1 and October 31 was in operation.

Our 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 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.
Division of Surface Water

/lb
Enclosures

pc: Willis Allomong, WW Operator
~~NWDO File~~

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

NPDES Permit No. 2PG00084

Facility Name: Hickory Hills Subdivision Expiration Date: May 31, 2012

Facility Address: State Route 34 Date: 6/18/2009 Time: 11:00 am

City: Bryan County: Williams Township: Springfield

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

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

Flow: Design: 5,500 GPD Present GPD

Trib. Pop. 10 homes (estimated) Weather at time of inspection: Temp Cloudy & 70

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No. (Did not discharge)

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

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 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
 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: Hickory Hills Subdivision

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 2/year
		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"
	1	Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	1	Clarifier	
	1	Sludge Return	In <u>X</u> Out
	1	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	IN	Polishing Pond	Covered w/ duckweed
		Other	
Disinfection	IN	Chlorine	
	Out	Dechlorination	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Other	Use design flow
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	Aeration provided at pond outlet
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00084*ED	January 2008	001	80082	CBOD 5 day	30D Conc	10	24.	1/1/2008
2PG00084*ED	January 2008	001	80082	CBOD 5 day	7D Conc	15	24.	1/1/2008
2PG00084*ED	January 2008	001	80082	CBOD 5 day	30D Qty	0.2	.49962	1/1/2008
2PG00084*ED	January 2008	001	80082	CBOD 5 day	7D Qty	0.3	.49962	1/1/2008
2PG00084*ED	June 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.9	4.85	6/1/2008
2PG00084*ED	June 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.4	4.85	6/1/2008
2PG00084*ED	June 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.06	.10096	6/1/2008
2PG00084*ED	June 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.09	.10096	6/1/2008
2PG00084*ED	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.06	.06037	7/1/2008
2PG00084*ED	October 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.9	5.95	10/1/2008
2PG00084*ED	October 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.4	5.95	10/1/2008
2PG00084*ED	October 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.06	.12386	10/1/2008
2PG00084*ED	October 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.09	.12386	10/1/2008