

**Environmental
Protection Agency**

Timothy J. McGovern, Governor
Deborah S. S. B. Lt. Governor
Michael S. ... Director

Re: Marion County
Blue Willow MHP
NPDES Permit

September 22, 2010

Mr. Daniel Inks, Manager
Devonshire Properties, Ltd
9 Corporation Center
Broadview Heights, OH 44147

Dear Mr. Inks:

On August 31, 2010, an operation and maintenance inspection was made of the wastewater treatment plant serving Blue Willow MHP. This facility is located at 3899 Marion-Williamsport Road in Claridon Township, Marion County. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00039.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tanks were brown with good roll. 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.

Our review of your discharge monitoring reports (1/1/2009 to 9/1/2010) 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 me at (419) 373-3021.

Yours truly,



Jason Ko
Division of Surface Water

/lb

Enclosures

pc: NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PR00039

Facility Name: Blue Willow MHP Expiration Date: Sept 30, 2010

Facility Address: 3899 Marion-Williamsport Road Date: 8/31/2010 Time: 12:00 pm

City: Marion County: Marion Township: Claridon

Name and Address of Owner: Devonshire Properties Ltd, 9 Corporation Center, Broadview Heights, OH 44147

Person Contacted: Mr. Daniel Inks Phone: (440) 838-4868

Flow: Design: 15,000 GPD Present 8,000 GPD

Trib. Pop. 45 mobile homes Weather at time of inspection: Temp 85°F - Sunny

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: Tributary of Riffle 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
X _____ Chlorination
X _____ Dechlorination
 _____ _____ U.V

- | | | | | | | |
|----|----------------|-----------|-----------------------------------|---------------------|---------------------------------|------------|
| 4. | <u>X</u> _____ | Yes No | Compliance with NPDES Permit | Periodic Violations | Yes No | Parameters |
| 5. | <u>X</u> _____ | | Adequate Plant Safety | Chronic Violation | _____ | _____ |
| 6. | <u>X</u> _____ | | Operation and Maintenance Service | Name: | <u>Bob Davis (440-336-1867)</u> | |

Frequency of Visits: 2/week

Facility Name: Blue Willow MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 2/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated with 1 small blower
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 3/4 hr "ON" & 1/4 hr "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: Brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	1	Clarifier	With 2 hoppers
	2	Sludge Return	In <u>X</u> Out _____ Returning solids
	1	Surface Skimmer	In <u>X</u> Out _____ Returning clear
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine	
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	Hour meter at dosing pump
		Other	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00039*CD	January 2009	001	80082	CBOD 5 day	1D Conc	15	22.	1/5/2009
2PR00039*CD	January 2009	001	80082	CBOD 5 day	30D Conc	10	22.	1/1/2009
2PR00039*CD	October 2009	001	00530	Total Suspended Solids	1D Conc	18	41.	10/1/2009
2PR00039*CD	October 2009	001	00530	Total Suspended Solids	30D Conc	12	41.	10/1/2009
2PR00039*CD	October 2009	001	00530	Total Suspended Solids	30D Qty	0.7	.77593	10/1/2009
2PR00039*CD	June 2009	001	31616	Fecal Coliform	30D Conc	1000	1170.	6/1/2009
2PR00039*CD	July 2009	001	00530	Total Suspended Solids	30D Conc	12	18.	7/1/2009
2PR00039*CD	July 2009	001	80082	CBOD 5 day	1D Conc	15	28.	7/2/2009
2PR00039*CD	July 2009	001	80082	CBOD 5 day	30D Conc	10	28.	7/1/2009
2PR00039*CD	March 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	17.3	3/4/2009
2PR00039*CD	March 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3	17.3	3/1/2009
2PR00039*CD	March 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.26	.39288	3/4/2009
2PR00039*CD	March 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.17	.39288	3/1/2009
2PR00039*CD	March 2009	001	80082	CBOD 5 day	30D Conc	10	13.	3/1/2009
2PR00039*CD	December 2009	001	00530	Total Suspended Solids	30D Conc	12	16.	12/1/2009
2PR00039*CD	January 2010	001	00530	Total Suspended Solids	30D Conc	12	18.	1/1/2010