



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

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

Re: Marion County  
Blue Willow MHP  
NPDES Permit

November 15, 2007

Mr. Daniel Inks  
I & R Properties  
9 Corporation Center  
Broadview Height, Ohio 44147

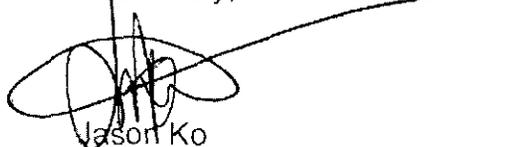
Dear Mr. Inks:

An inspection of the sewage treatment plant serving Blue Willow Mobile Home Park (MHP) was made on October 9, 2007. The MHP is located on the south side of Marion-Williamsport Road, in Section 16 of Claridon Township, Marion County, Ohio. Mr. Lynn Makeever was present and provided information regarding the operation of the treatment plant.

At the time of the inspection, the sewage treatment facility was in operation and the overflow from the clarifier appeared visually clear. The contents in the aeration tanks were brown with a good roll.

We understand that a personnel issue was a major cause for the treatment plant not to operate at the expected efficiency. Our cursory review of your self-monitoring reports (1/1/2006 to 9/30/2007) for this facility showed numerous effluent violations. Please refer to the enclosed violation table. A copy of our completed inspection report is also included for your records. Should you have any questions, please contact me at 419-373-3021.

Yours truly,



Jason Ko  
Division of Surface Water

/lb  
Enclosures

pc: Lynn Makeever, Technical Supervisor  
Marion County Health Department  
**NWDO File**

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. : 2PR00039

Facility Name: Blue Willow MHP

Expiration Date: 9/30/2010

Facility Address : 3899 Marion-Williamsport Rd

Date : 10/9/2007 Time : 11:00 am

City : Marion County: Marion

Township: Claridon

Name and Address of Owner: I & R Properties

Person Contacted : Daniel Inks, Owner

Owner Phone: 440-838-4868

Flow: Design : 15,000 GPD

Present : 8000 GPD (metered)

Trib. Pop.: 45 mobile homes (actual)

Weather at time of inspection: Temp 80° & 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: Unnamed Tributary to 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) X \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
X	_____ Chlorination Tablets
X	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. \_\_\_\_\_ X \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations Y N  
 X \_\_\_\_\_ TSS, ammonia, CBOD & Cl

Chronic Violations \_\_\_\_\_

5. X \_\_\_\_\_ Adequate plant safety

6. X \_\_\_\_\_ Operation and Maintenance Service Name: Lynn Makeever, Technical Supervisor

Frequency of Visits: 1/month

Facility Name: Blue Willow MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/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>  </u> <u>N</u>	Cycle Time: 45 min "ON" & 15 min "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	2	Aeration Tank	Color : Brown Adequate Aeration: Yes
Final Settling	1	Clarifier	
	2	Sludge Return	In <u>X</u> Out <u>  </u>
	1	Surface Skimmer	In <u>X</u> Out <u>  </u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	1	Elapsed Pump Time	At dosing pumps with hour meter
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	
		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	February 2007	001	80082	CBOD 5 day	1D Conc	15	400.	2/7/2007
2PR00039*CD	February 2007	001	80082	CBOD 5 day	30D Conc	10	400.	2/1/2007
2PR00039*CD	February 2007	001	80082	CBOD 5 day	1D Qty	0.9	19.682	2/7/2007
2PR00039*CD	February 2007	001	80082	CBOD 5 day	30D Qty	0.6	19.682	2/1/2007
2PR00039*CD	October 2006	001	00530	Total Suspended Solids	1D Conc	18	25.	10/4/2006
2PR00039*CD	October 2006	001	00530	Total Suspended Solids	30D Conc	12	25.	10/1/2006
2PR00039*CD	October 2006	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.74	10/4/2006
2PR00039*CD	October 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1	1.74	10/1/2006
2PR00039*CD	October 2006	001	31616	Fecal Coliform	1D Conc	2000	4000.	10/4/2006
2PR00039*CD	October 2006	001	31616	Fecal Coliform	30D Conc	1000	4000.	10/1/2006
2PR00039*CD	July 2006	001	00530	Total Suspended Solids	1D Conc	18	25.	7/5/2006
2PR00039*CD	July 2006	001	00530	Total Suspended Solids	30D Conc	12	25.	7/1/2006
2PR00039*CD	July 2006	001	80082	CBOD 5 day	30D Conc	10	11.	7/1/2006
2PR00039*CD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.06	7/5/2006
2PR00039*CD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	7/19/2006
2PR00039*CD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	5/3/2006
2PR00039*CD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.11	5/17/2006
2PR00039*CD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.17	5/31/2006
2PR00039*CD	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.1	6/7/2006
2PR00039*CD	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.038	.08	6/21/2006
2PR00039*CD	September 2006	001	31616	Fecal Coliform	1D Conc	2000	2500.	9/6/2006
2PR00039*CD	September 2006	001	31616	Fecal Coliform	30D Conc	1000	2500.	9/1/2006
2PR00039*CD	November 2006	001	00530	Total Suspended Solids	30D Conc	12	16.	11/1/2006
2PR00039*CD	August 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1	1.03	8/1/2007
2PR00039*CD	August 2007	001	80082	CBOD 5 day	30D Conc	10	15.	8/1/2007
2PR00039*CD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	8/1/2007
2PR00039*CD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.07	8/15/2007
2PR00039*CD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	8/29/2007
2PR00039*CD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.1	7/4/2007
2PR00039*CD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.13	7/18/2007
2PR00039*CD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.11	6/6/2007
2PR00039*CD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.12	9/5/2007
2PR00039*CD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.13	9/19/2007