



Environmental  
Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Re: Marion County  
Wood Valley MHP  
NPDES Permit

July 6, 2011

Mr. Jeff Yorick  
United Mobile Homes, Inc.  
3499 Route 9 North, Suite 3C  
Freehold, New Jersey 07728

Dear Mr. Yorick:

On June 20, 2011, an operation and maintenance inspection was made of the wastewater treatment facilities serving Wood Valley MHP. The facility is located at 1493 North Whetstone River Road, Claridon Township, Marion County. Mr. T. J. Howard, Operator, was present and provided information regarding the operation of the wastewater treatment plant (WWTP). This inspection was conducted as part of your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PY00015.

At the time of inspection the WWTP was in operation. The mixed liquor in the aeration tank appeared brown. The final effluent was visually clear and had no odor. We strongly recommend that you continue to investigate the clean water infiltration/inflow problems of the entire sewer collection system. The findings and recommendations from this sewer investigation should be incorporated into a sewer rehabilitation program to remove stormwater from the sanitary sewers.

Our review of your Discharge Monitoring Reports (4/1/2010 – 6/1/2011) for this WWTP indicated some effluent limit and frequency violations. Please refer to the enclosed violation tables. Our completed inspection form is enclosed for your review. If you have any questions or comments, please call me at (419) 373-3021.

Sincerely yours,



Jason S. Ko  
Division of Surface Water

/cs

Enclosures

pc: Marion County Health Department

DSW;NWDO File

ec: L. Scott Helkowski, AGO

OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PY00015

Facility Name: Wood Valley MHP Expiration Date: Oct 31, 2006  
 Facility Address: 1493 N. Whetstone River Road Date: June 20, 2011 Time: 12:30 pm  
 City: Caledonia County: Marion Township: Claridon  
 Name and Address of Owner: United Mobile Homes, Inc., 3499 Route 9 North, Suite 3C, Freehold, NJ 07728  
 Contact Person: Mr. T. J Howard (Operator) Phone: (419) 560-3413  
 Flow: Design: 30,000 GPD Present 10,000 - 15,000 GPD (metered)  
 Trib. Pop. 85 trailers (estimated) Weather at time of inspection: Temp 80°F - Cloudy  
 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 of Olentangy River

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 \_\_\_\_\_ 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) On-going I/I issues  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
_____	_____	Chlorination
_____	_____	Dechlorination
<u>X</u>	_____	U.V

- |          |          |                                   |   |       |   |
|----------|----------|-----------------------------------|---|-------|---|
| Yes      | No       |                                   | Yes   | No    | Parameters                              |
| _____    | <u>X</u> | Compliance with NPDES Permit      | _____   | _____ | Periodic Violations                     |
| <u>X</u> | <u>X</u> | Adequate Plant Safety             | <u>X</u>                                      | _____ | Chronic Violation <u>TSS &amp; CBOD</u> |
| <u>X</u> | _____    | Operation and Maintenance Service | Name: <u>Central Ohio Wastewater Services</u> |       |   |

Frequency of Visits: 5/week

Facility Name: Wood Valley MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: Once in 3 months
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated w/ 1 blower
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u>   </u> <u>N</u> Motor/ Blower Unit	Cycle Time: Smaller blower "ON" for 24 hours (Winter); Bigger blower "ON" for 24 hours (Summer)
Secondary Treatment	1	Aeration Tank	Color : Brown  Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u> <u>   </u>
Final Settling	1	Clarifier	
	2	Sludge Return	In <u>X</u> Out <u>   </u> Returning sludge
	1	Surface Skimmer	In <u>X</u> Out <u>   </u> Returning clear
		Fixed Media Clarifier	
Tertiary Treatment	6	Surface Sand Filter	2 out ; 4 operational
		Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
	IN	Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Ultrasonic/Parshall flume after Equalization basin & In-line flow meter at the effluent line
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	In use & waste sludge 1/week
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	At holding tank- formerly known as Cl contact tank
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00015*BD	July 2010	001	00530	Total Suspended Solids	7D Qty	2.0	2.31642	7/15/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	30D Conc	12	30.25	9/1/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	30D Qty	1.4	2.38417	9/1/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	7D Conc	18	72.	9/8/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	7D Qty	2.0	4.63284	9/8/2010
2PY00015*BD	September 2010	001	80082	CBOD 5 day	7D Conc	15	19.1	9/8/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	7D Conc	18	19.	9/15/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	7D Conc	18	21.	9/22/2010
2PY00015*BD	September 2010	001	00530	Total Suspended Solids	7D Qty	2.0	2.77403	9/22/2010
2PY00015*BD	February 2011	001	00530	Total Suspended Solids	30D Conc	12	14.	2/1/2011
2PY00015*BD	February 2011	001	00530	Total Suspended Solids	7D Conc	18	22.	2/1/2011
2PY00015*BD	May 2011	001	00530	Total Suspended Solids	30D Conc	12	23.75	5/1/2011
2PY00015*BD	May 2011	001	00530	Total Suspended Solids	30D Qty	1.4	1.44871	5/1/2011
2PY00015*BD	May 2011	001	00530	Total Suspended Solids	7D Conc	18	85.	5/8/2011
2PY00015*BD	May 2011	001	00530	Total Suspended Solids	7D Qty	2.0	4.69719	5/8/2011

Get New Data

Permit No.	Reporting Period		Station	Reporting	Parameter	Sample	Expected	Reported	Violation
				Code		Frequency			Date
2PY00015*BD	July	2010	001	50060	Chlorine, Total Residu	1/Week	1	0	07/01/2010
2PY00015*BD	July	2010	001	50060	Chlorine, Total Residu	1/Week	1	0	07/08/2010
2PY00015*BD	July	2010	001	50060	Chlorine, Total Residu	1/Week	1	0	07/15/2010
2PY00015*BD	July	2010	001	50060	Chlorine, Total Residu	1/Week	1	0	07/22/2010
2PY00015*BD	April	2011	001	00610	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	04/01/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/02/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/02/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/02/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/03/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/03/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/03/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/09/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/09/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/09/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/10/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/10/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/10/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/16/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/16/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/16/2011
2PY00015*BD	April	2011	001	00530	Total Suspended Solids	1/Week	1	0	04/22/2011
2PY00015*BD	April	2011	001	80082	CBOD 5 day	1/Week	1	0	04/22/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/24/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/24/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/24/2011
2PY00015*BD	April	2011	001	00010	Water Temperature	1/Day	1	0	04/30/2011
2PY00015*BD	April	2011	001	00083	Color, Severity	1/Day	1	0	04/30/2011
2PY00015*BD	April	2011	001	01330	Odor, Severity	1/Day	1	0	04/30/2011
2PY00015*BD	April	2011	001	01350	Turbidity, Severity	1/Day	1	0	04/30/2011
2PY00015*BD	April	2011	001	50050	Flow Rate	1/Day	1	0	04/30/2011
2PY00015*BD	May	2011	001	50060	Chlorine, Total Residu	1/Week	1	0	05/01/2011
2PY00015*BD	May	2011	001	50060	Chlorine, Total Residu	1/Week	1	0	05/08/2011
2PY00015*BD	May	2011	001	50060	Chlorine, Total Residu	1/Week	1	0	05/15/2011

2PY00015\*BD May 2011 001 50060 Chlorine, Total Residu 1/Week 1 0 05/22/2011