



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: Marion County
Wood Valley MHP
NPDES Permit

October 8, 2008

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

Dear Mr. Yorick:

On October 2, 2008 an operation and maintenance inspection was made of the wastewater treatment facilities serving the Wood Valley MHP. The facility is located at 1493 N. Whetstone River Road, Claridon Township, Marion County. At the time of inspection the wastewater treatment plant (WWTP) was in operation and in fair condition. My observations and recommendations are as follows:

1. The trash trap is pumped once per two weeks.
2. The contents in the aeration tank appeared brown and foamy. The smaller blower motor was running continually.
3. All six sand filters are operational. The last bypass of the sand filters occurred on June 30, 2008. However, since that time, there has not been a substantial rain event.
4. The skimmer and RAS were working properly at the time of inspection. The RAS was returning activated sludge back to the aeration tank and the skimmer return was clear.
5. The final effluent was clear and had no odor or noticeable impact on the receiving stream.
6. Our review of your Discharge Monitoring Reports (2/1/2008 – 9/30/2008) for this WWTP indicates numerous effluent limit violations. Please refer to the enclosed violation table.

Mr. Jeff Yorick
October 8, 2008
Page 2

Our completed inspection form is enclosed for your review. If you have any questions or comments feel free to call me at (419) 373-3021.

Sincerely yours,

A handwritten signature in black ink, appearing to be "Jason Ko", is written over a long, thin horizontal line that spans across the page.

Jason Ko
Division of Surface Water

/csi

Enclosures

pc: Marion County Health Department
(NWDO.File)

ec: Pete Simcic, Ohio EPA, Legal
Andrew Conway, DSW-CO

**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: Oct 2, 2008 Time: 10:00 am
 City: Caledonia County: Marion Township: Claridon
 Name and Address of Owner: United Mobile Homes, Inc., 3499 Route 9 North, Suite 3C, Freehold, NJ 07728
 Person Contacted: Mr. Jeff Yorick Phone: (304) 291 - 3380
 Flow: Design: 30,000 GPD Present 4000 GPD (metered)
 Trib. Pop. 160 Lots (Design) 80 trailers (estimated) Weather at time of inspection: Temp 50°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) X organic/ solids overload
 (3) X personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.) - N/A

IN OUT
X _____ Chlorination
X _____ Dechlorination
 _____ _____ U.V

- | | | | | | |
|----------|----------|-----------------------------------|----------|----|---|
| Yes | No | | Yes | No | Parameters |
| | <u>X</u> | Compliance with NPDES Permit | | | Periodic Violations |
| | <u>X</u> | Adequate Plant Safety | <u>X</u> | | Chronic Violation <u>TSS,CBOD &NH3</u> |
| <u>X</u> | | Operation and Maintenance Service | | | Name: <u>Central Ohio Wastewater Services</u> |

Frequency of Visits: Daily

Facility Name: Wood Valley MHP _____

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: Once per 2/weeks.
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
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 twenty-four hours
Secondary Treatment	1	Aeration Tank	Color : Brown & foamy 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	All operational
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine	
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Ultrasonic/Parshall flume at the effluent
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		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
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	30D Conc	12	92.	2/1/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	7D Conc	18	72.	2/1/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	30D Qty	1.4	3.06017	2/1/2008
2PY00015*BD	February 2008	001	80082	CBOD 5 day	30D Conc	10	13.1625	2/1/2008
2PY00015*BD	February 2008	001	80082	CBOD 5 day	7D Conc	15	21.	2/1/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	7D Conc	18	213.	2/8/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	7D Qty	2.0	8.62639	2/8/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	7D Conc	18	73.	2/15/2008
2PY00015*BD	February 2008	001	00530	Total Suspended Solids	7D Qty	2.0	3.12225	2/15/2008
2PY00015*BD	March 2008	001	00530	Total Suspended Solids	30D Conc	12	22.25	3/1/2008
2PY00015*BD	March 2008	001	00530	Total Suspended Solids	30D Qty	1.4	2.13919	3/1/2008
2PY00015*BD	March 2008	001	80082	CBOD 5 day	30D Conc	10	12.9975	3/1/2008
2PY00015*BD	March 2008	001	80082	CBOD 5 day	30D Qty	1.1	1.19842	3/1/2008
2PY00015*BD	March 2008	001	00530	Total Suspended Solids	7D Conc	18	59.	3/15/2008
2PY00015*BD	March 2008	001	00530	Total Suspended Solids	7D Qty	2.0	6.0965	3/15/2008
2PY00015*BD	March 2008	001	80082	CBOD 5 day	7D Conc	15	33.36	3/15/2008
2PY00015*BD	March 2008	001	80082	CBOD 5 day	7D Qty	1.7	3.44711	3/15/2008
2PY00015*BD	April 2008	001	00530	Total Suspended Solids	30D Conc	12	21.925	4/1/2008
2PY00015*BD	April 2008	001	00530	Total Suspended Solids	7D Conc	18	65.	4/1/2008
2PY00015*BD	April 2008	001	00530	Total Suspended Solids	7D Qty	2.0	2.9523	4/1/2008
2PY00015*BD	May 2008	001	00400	pH	1D Conc	6.5	6.3	5/7/2008
2PY00015*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.7	1.802	6/1/2008
2PY00015*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	3.51	6/1/2008
2PY00015*BD	June 2008	001	31616	Fecal Coliform	30D Conc	1000	3034.	6/1/2008
2PY00015*BD	June 2008	001	31616	Fecal Coliform	7D Conc	2000	3034.	6/15/2008
2PY00015*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.7	5.0745	8/1/2008
2PY00015*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	9.93	8/1/2008