



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Marion County
Wood Valley MHP
NPDES Permit

April 30, 2010

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

Dear Mr. Yorick:

On April 21, 2010, 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. Mr. T. J. Howard, Operator, was present and provided information regarding the operation of the WWTP.

Listed below are some of my observations and recommendations to enhance the plant's operation:

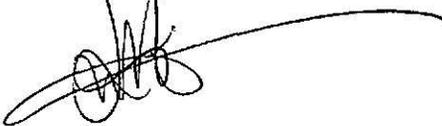
- 1) Continue to maintain a licensed/certified wastewater operator.
- 2) The trash trap is pumped once per two weeks.
- 3) The mixed liquor in the aeration tank appeared brown. This is an indicator of a fairly healthy microbial population. The blower motor was running continually.
- 4) Five of the six sand filters are operational. The last two bypasses at the sand filters occurred on February 13 and February 23, 2009.
- 5) 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.
- 6) The final effluent was clear and had no odor.
- 7) 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.

Mr. Jeff Yorick
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8) Our review of your Discharge Monitoring Reports (10/1/2008 – 3/31/2010) for this WWTP indicates 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 feel free to call me at (419) 373-3021.

Sincerely yours,



Jason Ko
Division of Surface Water

/lb

Enclosures

pc: Marion County Health Department

~~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: April 21, 2010 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

Contact Person: Mr. Jeff Yorick Phone: (304) 291 - 3380

Flow: Design: 30,000 GPD Present 4000 GPD (metered)

Trib. Pop. 80 trailers (estimated) Weather at time of inspection: Temp 60°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: 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) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

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

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> | Adequate Plant Safety | <u>X</u> | _____ | Chronic Violation <u>TSS, CBOD, Fecal & 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	
Aeration Equipment	1	Flow Equalization	Aerated w/ 1 blower
	2	Plant Timer <u>X</u> <u>Y</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>
Final Settling	1	Clarifier	
	2	Sludge Return	In <u>X</u> Out _____ Returning sludge
	1	Surface Skimmer	In <u>X</u> Out _____ Returning clear
		Fixed Media Clarifier	
Tertiary Treatment	6	Surface Sand Filter	1 out ; 5 operational
		Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
	OUT	Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Ultrasonic/Parshall flume after Equalization basin (<i>Not accurate</i>)
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	In use
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	At holding tank- formerly known as CI 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	October 2008	001	00530	Total Suspended Solids	30D Conc	12	24.75	10/1/2008
2PY00015*BD	October 2008	001	00530	Total Suspended Solids	7D Conc	18	32.	10/8/2008
2PY00015*BD	October 2008	001	00530	Total Suspended Solids	7D Conc	18	21.	10/15/2008
2PY00015*BD	October 2008	001	00530	Total Suspended Solids	7D Conc	18	36.	10/22/2008
2PY00015*BD	October 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.7	7.115	10/1/2008
2PY00015*BD	October 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	5.91	10/1/2008
2PY00015*BD	October 2008	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	8.32	10/15/2008
2PY00015*BD	July 2009	001	31616	Fecal Coliform	30D Conc	1000	5760.	7/1/2009
2PY00015*BD	July 2009	001	31616	Fecal Coliform	7D Conc	2000	5760.	7/22/2009
2PY00015*BD	October 2009	001	00530	Total Suspended Solids	7D Conc	18	21.	10/15/2009
2PY00015*BD	October 2009	001	31616	Fecal Coliform	30D Conc	1000	2067.	10/1/2009
2PY00015*BD	October 2009	001	31616	Fecal Coliform	7D Conc	2000	2067.	10/22/2009
2PY00015*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.7	6.067	8/1/2009
2PY00015*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	12.1	8/15/2009
2PY00015*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.2	.76291	8/1/2009
2PY00015*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.3	1.52509	8/15/2009
2PY00015*BD	February 2009	001	00530	Total Suspended Solids	7D Conc	18	26.	2/15/2009
2PY00015*BD	June 2009	001	00530	Total Suspended Solids	30D Conc	12	26.5	6/1/2009
2PY00015*BD	June 2009	001	00530	Total Suspended Solids	7D Conc	18	84.	6/22/2009
2PY00015*BD	June 2009	001	00530	Total Suspended Solids	30D Qty	1.4	1.8713	6/1/2009
2PY00015*BD	June 2009	001	00530	Total Suspended Solids	7D Qty	2.0	5.21422	6/22/2009
2PY00015*BD	June 2009	001	31616	Fecal Coliform	30D Conc	1000	6133.	6/1/2009
2PY00015*BD	June 2009	001	31616	Fecal Coliform	7D Conc	2000	6133.	6/22/2009

Get New Data

Permit.No	Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
2PY00015*BD	December 2008	001	00530	Total Suspended Solids	1/Week	1	0	12/22/2008
2PY00015*BD	December 2008	001	80082	CBOD 5 day	1/Week	1	0	12/22/2008
2PY00015*BD	December 2008	001	00400	pH	1/Week	1	0	12/22/2008
2PY00015*BD	December 2008	001	00300	Dissolved Oxygen	1/Week	1	0	12/22/2008