



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

Re: Marion County
Wood Valley MHP
NPDES Permit

July 17, 2013

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

Dear Mr. Yorick:

On June 27, 2013, an operation and maintenance inspection was made of the wastewater treatment facilities serving Wood Valley Mobile Home Park (MHP). The facility is located at 1493 North Whetstone River Road, Claridon Township, Marion County. Ms. Christina Faith, Operator, was present and provided information regarding the operation of the wastewater treatment plant (WWTP). This inspection was conducted to evaluate compliance with 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 trash trap needs to have covers installed over the openings. The equalization blower was down for repair. The final effluent was visually clear. Again, 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 storm water from the sanitary sewers.

Our review of your Discharge Monitoring Reports (1/1/2012 – 7/1/2013) for this WWTP 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.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Jason Ko", is written over a horizontal line.

Jason Ko
Division of Surface Water

/jlm

Enclosures

pc: Marion County Health Department
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PY00015

Facility Name: Wood Valley MHP Expiration Date: April 30, 2017

Facility Address: 1493 N. Whetstone River Road Date: June 27, 2013 Time: 11:00 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: Ms. Christina Faith (Operator) Phone: (419) 357-2688

Flow: Design: 30,000 GPD Present 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

4. Yes X No _____ Compliance with NPDES Permit Periodic Violations X Yes No Parameters
 5. Yes X No _____ Adequate Plant Safety Chronic Violation _____ TSS & CBOD
 6. Yes X No _____ Operation and Maintenance Service Name: Uni-Tech Environmental Services

Frequency of Visits: 3/week

Facility Name: Wood Valley MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/Qt; Need Covers
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated w/ 1 blower; Blower is down
Aeration Equipment	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	All operational; 1 in use
		Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
	IN	Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	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 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	January 2012	001	00530	Total Suspended Solids	7D Conc	18	41.	1/22/2012
2PY00015*BD	January 2012	001	00530	Total Suspended Solids	30D Qty	1.4	1.93981	1/1/2012
2PY00015*BD	January 2012	001	00530	Total Suspended Solids	7D Qty	2.0	7.75925	1/22/2012
2PY00015*BD	January 2012	001	80082	CBOD 5 day	7D Qty	1.7	2.46025	1/22/2012
2PY00015*CD	May 2012	001	00530	Total Suspended Solids	30D Conc	12.0	14.	5/1/2012
2PY00015*CD	May 2012	001	00530	Total Suspended Solids	7D Conc	18.0	42.	5/22/2012
2PY00015*CD	June 2012	001	00530	Total Suspended Solids	7D Conc	18.0	20.	6/15/2012
2PY00015*CD	July 2012	001	00530	Total Suspended Solids	30D Conc	12.0	112.25	7/1/2012
2PY00015*CD	July 2012	001	00530	Total Suspended Solids	7D Conc	18.0	436.	7/22/2012
2PY00015*CD	July 2012	001	00530	Total Suspended Solids	30D Qty	1.4	3.80487	7/1/2012
2PY00015*CD	July 2012	001	00530	Total Suspended Solids	7D Qty	2.0	14.8523	7/22/2012
2PY00015*CD	August 2012	001	00530	Total Suspended Solids	7D Conc	18.0	29.	8/1/2012
2PY00015*CD	August 2012	001	00530	Total Suspended Solids	30D Conc	12.0	17.25	8/1/2012
2PY00015*CD	August 2012	001	00530	Total Suspended Solids	7D Conc	18.0	26.	8/22/2012
2PY00015*CD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.6	6.55	8/1/2012
2PY00015*CD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.7	2.18333	8/1/2012