



Environmental
Protection Agency

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

Re: Huron County
Will-O-Brook Mobile Home Park
NPDES Permit # 2PY00053

April 4, 2011

Mr. Wayne Olcott
80 Greenhaven Trail
Oldsmar, Florida 34677-4811

Dear Mr. Olcott:

On March 22, 2011, Jessica Heitman and I conducted an inspection of the wastewater treatment facilities serving the Will-O-Brook Mobile Home Park. Mr. Darryl Young was present and provided information on the operation and maintenance of the wastewater treatment plant. In general, operation and maintenance of the plant and sand filters appeared good. Our comments and recommendations are as follows:

At the time of our visit, all treatment units were in operation, and a clear final effluent was observed in the contact tank prior to discharge. Contents in the aeration tank were light chocolate brown color, which is normal, and adequate aeration was being provided. The clarifier was mostly clear with a light scum floating on top. The sludge return was a chocolate brown and it, along with the skimmer, were in operation and appeared to be in good condition. One sand filter was online and was weeded and clean, and the other filter was drying out.

Discharge monitoring reports (DMR) have been submitted as required by your NPDES permit. A review of these reports shows periodic violations of the Nitrogen Ammonia (NH₃), Total Suspended Solids, Dissolved Oxygen, and Chlorine limits of your permit since the permit went effective in 2008. You have been proactive to try and maintain compliance by upgrading the plant which included the installation of sand filters, the chlorination/de-chlorination tank and new tanks on the south half of the plant. However, these upgrades helped identify an inflow/infiltration problem at the plant during rain storms. Mr. Young indicated that work to address the infiltration problem is scheduled for this spring and it is hoped that the plant will then be able to consistently meet NPDES permit limits. It was noted that the operator's daily log book is adequate and kept on site in the box for the sand filter dosing pumps.

If you have any questions regarding the inspection or this letter, please contact me at (419) 373-3003 or via email at andrew.gall@epa.state.oh.us

Mr. Wayne Olcott
April 4, 2011
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A copy of our inspection report and permit violations since our last inspection have been included for your review.

Sincerely,



Andrew Y. Gall
Environmental Specialist II
Division of Surface Water

/llr

Enclosures

pc: Mr. Darryl Young
~~OSW-NWDO~~File

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PY00053

Facility Name Willow brook MHP Expiration Date 07/31/2013

Facility Address 112 SR 61 East Date 3/22/2010 Time 11:30 am pm

City Norwalk County Huron Township _____

Name and Address of Owner Wayne Olcott 80 Greenhaven Trail, Oldsmar, FL 34677

Person Contacted Darryl Young Owner Phone -4811

Flow: Design _____ GPD Present _____ GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 40° Cloudy

OEPA Personnel Andrew Gall District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent good _____ 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) _____ wastes
 (6) _____

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

IN	OUT	
_____	<input checked="" type="checkbox"/>	Chlorination Tablets
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets
_____	<input checked="" type="checkbox"/>	U.V.

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____

Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name Darryl Young

Frequency of Visits 1/week

- Log Book - Adequate
 - Dated and Timed Entries

Facility Name: Willowbrook MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <u>Every Three Months</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	-	Flow Equalization	
Aeration Equipment	1	Plant Timer <u>Y X N</u> Motor/ Blower Unit <u>1 Blower</u>	Cycle Time: <u>Constantly on</u>
Secondary Treatment	1	Aeration Tank	Color: <u>Light Chocolate Brown</u> Adequate Aeration: <u>Y X N</u>
Final Settling	1	Clarifier	<u>Mostly Clear, Light Scum</u>
	1	Sludge Return	In <u>X</u> Out <u>Chocolate Brown</u>
	1	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<u>1 filter Online / Other Dying out</u>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<u>will pump out</u>
	1	Chlorine Tube Feeder	<u>out</u>
	1	Dechlorination Tube Feeder	<u>out</u>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder. (continuous total)	
Pumps		Raw Wastewater. (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	/	Municipal POTW	
	/	Landfill	
	/	Land Application	<u>- Infiltration, just removed</u>
Advanced Treatment	/	Post Aeration	<u>two major leaks last week</u>
	/	Spray Irrigation	<u>- Brought 2000 gallons from Huron</u>
	/	Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit/Type	Limit	Reported Value	Violation Date
2PY00053*BD	October 2008	001	00530	Total Suspended Solids	1D Conc	18	21.	10/7/2008
2PY00053*BD	October 2008	001	00530	Total Suspended Solids	30D Conc	12	21.	10/1/2008
2PY00053*BD	February 2009	001	00530	Total Suspended Solids	30D Conc	12	13.	2/1/2009
2PY00053*BD	February 2009	001	00530	Total Suspended Solids	30D Qty	0.27	.31206	2/1/2009
2PY00053*BD	August 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.47	8/10/2009
2PY00053*BD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.019	.34	5/5/2010
2PY00053*BD	September 2009	001	50060	Chlorine, Total Residu	1D Conc	0.019	.78	9/2/2009
2PY00053*BD	January 2009	001	00530	Total Suspended Solids	1D Conc	18	44.	1/20/2009
2PY00053*BD	January 2009	001	00530	Total Suspended Solids	30D Conc	12	44.	1/1/2009
2PY00053*BD	January 2009	001	00530	Total Suspended Solids	1D Qty	0.41	.66849	1/20/2009
2PY00053*BD	January 2009	001	00530	Total Suspended Solids	30D Qty	0.27	.66849	1/1/2009
2PY00053*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	29.2	1/20/2009
2PY00053*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	29.2	1/1/2009
2PY00053*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.10	.44364	1/20/2009
2PY00053*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.07	.44364	1/1/2009
2PY00053*BD	June 2010	001	00400	pH	1D Conc	6.5	4.51	6/7/2010