



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: Huron County
Will-O-Brook Mobile Home Park
NPDES Permit

April 16, 2008

Mr. Wayne Olcott
505 Retreat Lane
Gulf Shores, AL 36542

Dear Mr. Olcott:

On April 7, 2008, 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 of the plant appeared good, maintenance of the plant and the sand filters appeared excellent. 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 chocolate brown color, which is normal, and adequate aeration was being provided. The sludge return and skimmer were in operation and appeared to be in good condition. The sand filters were weeded and clean.

Monthly operating reports 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 and CBOD limits of your permit since the permit went effective in 2002. You have been proactive to try and maintain compliance by upgrading the plant which included the installation of sand filters, the chlorination/dechlorination 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 kept on site in the box for the sand filter dosing pumps.

Mr. Wayne Olcott
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We have received your NPDES permit application and have begun drafting your renewal permit. A draft copy of the renewal permit should be sent to you in the next several weeks. You will have 30 days to review it and submit written comments. Please take the time to look it over and contact me at (419) 373-3003 or via email at andrew.gall@epa.state.oh.us with any questions or comments. 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

/csl

Enclosures

pc: Mr. Darryl Young
(DSW-NWDO File :



State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
OH0130494	2PY00053	4/7/2008	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Will-O-Brook MHP 112 State Route 61 East Norwalk, OH 44857	9:15 AM	12/1/2002
	Exit Time	Permit Expiration Date
	9:45 AM	11/30/2007
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Darryl Young, Operator of Record		419-668-1090
Name(s), Address and Title(s) of Operator of Record		Phone Number(s)
Darryl Young 202 Scottwood Ave. Norwalk, OH 44857		419-668-1090
Name, Address and Title of Responsible Official		Phone Number
Wayne Olcott 505 Retreat Lane Gulf Shores, AL 36542		251-504-1031

Ohio EPA Inspector		Ohio EPA Reviewer	
		<i>Elizabeth A. Wick</i> 4/15/08	
Andrew Y. Gall Environmental Specialist II Division of Surface Water Northwest District Office	Date	Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest District Office	Date

Permit # : OH0130494
 NPDES # : 2PY00053

Average Daily Design Flow:	6000 Gallons/Day
Plant Serves:	34 MHP Lots
Average Daily Flow: (Period of Review):	4700 Gallons/Day (01/2007 -01/2008)
Method of flow monitoring:	Hour Meters on Sand Filter Pumps
Type of alarms for plant:	

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **Yes**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Medium**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Good**

Comments/Status:

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **Unknown**

Permit #: OH0130494
NPDES #: 2PY00053

Overall maintenance of settling components is: **Good**

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Excellent**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name: **Varies**
Disposal Site: **Municipal WWTP**
Sludge wasted from:
How often is sludge wasted: **As needed**
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Excellent**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Willow Brook**
Discharge is visible: **No** Quality of Effluent: **Other**

Comments/Status:

Discharge to Creek not observed

Get New Data

Willowbrook MRP

Limit Violations

08/2006 - 12/2007

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00053*AD	December 2006	001	00530	Total Suspended Solids	30D Conc	12	27.	12/1/2006
2PY00053*AD	December 2006	001	00530	Total Suspended Solids	7D Conc	18	27.	12/1/2006
2PY00053*AD	December 2006	001	00530	Total Suspended Solids	30D Qty	0.27	.93079	12/1/2006
2PY00053*AD	December 2006	001	00530	Total Suspended Solids	7D Qty	0.41	.93079	12/1/2006
2PY00053*AD	December 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.52	12/1/2006
2PY00053*AD	December 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	5.52	12/1/2006
2PY00053*AD	December 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.07	.1903	12/1/2006
2PY00053*AD	December 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.10	.1903	12/1/2006
2PY00053*AD	December 2006	001	80082	CBOD 5 day	30D Conc	10	22.	12/1/2006
2PY00053*AD	December 2006	001	80082	CBOD 5 day	7D Conc	15	22.	12/1/2006
2PY00053*AD	December 2006	001	80082	CBOD 5 day	30D Qty	0.22	.75842	12/1/2006
2PY00053*AD	December 2006	001	80082	CBOD 5 day	7D Qty	0.34	.75842	12/1/2006
2PY00053*AD	March 2007	001	00530	Total Suspended Solids	30D Conc	12	20.	3/1/2007
2PY00053*AD	March 2007	001	00530	Total Suspended Solids	7D Conc	18	20.	3/1/2007
2PY00053*AD	March 2007	001	00530	Total Suspended Solids	30D Qty	0.27	.69266	3/1/2007
2PY00053*AD	March 2007	001	00530	Total Suspended Solids	7D Qty	0.41	.69266	3/1/2007
2PY00053*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	13.6	3/1/2007
2PY00053*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	13.6	3/1/2007
2PY00053*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.07	.47101	3/1/2007
2PY00053*AD	March 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.10	.47101	3/1/2007
2PY00053*AD	March 2007	001	80082	CBOD 5 day	30D Conc	10	36.	3/1/2007
2PY00053*AD	March 2007	001	80082	CBOD 5 day	7D Conc	15	36.	3/1/2007
2PY00053*AD	March 2007	001	80082	CBOD 5 day	30D Qty	0.22	1.24678	3/1/2007
2PY00053*AD	March 2007	001	80082	CBOD 5 day	7D Qty	0.34	1.24678	3/1/2007
2PY00053*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	12.1	8/1/2006
2PY00053*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	12.1	8/1/2006
2PY00053*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.24635	8/1/2006
2PY00053*AD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.03	.24635	8/1/2006
2PY00053*AD	August 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.2	8/1/2006
2PY00053*AD	June 2006	001	00530	Total Suspended Solids	30D Conc	12	70.	6/1/2006
2PY00053*AD	June 2006	001	00530	Total Suspended Solids	7D Conc	18	70.	6/1/2006
2PY00053*AD	June 2006	001	00530	Total Suspended Solids	30D Qty	0.27	.92733	6/1/2006
2PY00053*AD	June 2006	001	00530	Total Suspended Solids	7D Qty	0.41	.92733	6/1/2006

2PY00053*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	9.15	6/1/2006
2PY00053*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	9.15	6/1/2006
2PY00053*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.12121	6/1/2006
2PY00053*AD	June 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.03	.12121	6/1/2006
2PY00053*AD	June 2006	001	31616	Fecal Coliform	30D Conc	1000	10100.	6/1/2006
2PY00053*AD	June 2006	001	31616	Fecal Coliform	7D Conc	2000	10100.	6/1/2006
2PY00053*AD	June 2006	001	80082	CBOD 5 day	30D Conc	10	27.	6/1/2006
2PY00053*AD	June 2006	001	80082	CBOD 5 day	7D Conc	15	27.	6/1/2006
2PY00053*AD	June 2006	001	80082	CBOD 5 day	30D Qty	0.22	.35768	6/1/2006
2PY00053*AD	June 2006	001	80082	CBOD 5 day	7D Qty	0.34	.35768	6/1/2006
2PY00053*AD	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	6/5/2006
2PY00053*AD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	3.51	6/5/2006
2PY00053*AD	August 2007	001	00530	Total Suspended Solids	30D Conc	12	25.	8/1/2007
2PY00053*AD	August 2007	001	00530	Total Suspended Solids	7D Conc	18	25.	8/15/2007
2PY00053*AD	August 2007	001	00530	Total Suspended Solids	30D Qty	0.27	.47038	8/1/2007
2PY00053*AD	August 2007	001	00530	Total Suspended Solids	7D Qty	0.41	.47038	8/15/2007
2PY00053*AD	June 2007	001	31616	Fecal Coliform	30D Conc	1000	1500.	6/1/2007