OhioEPA

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
Woodlyn Acres MHP
NPDES Permit

April 17, 2008

Mr. Dennis Lugli, Owner
1304 County Road 16
New London, Ohio 44851

Dear Mr. Lugli:

On April 7, 2006, I conducted an inspection of the wastewater treatment facilities serving the Woodlyn Acres Mobile Home Park. Mr. Darryl Young was present and provided information on the operation and maintenance of the wastewater treatment plant. In general the operation and maintenance of the plant appeared good. At the time of inspection a mostly clear final effluent was being discharged from the plant. Our comments and recommendations are as follows:

1. At the time of the inspection the contents of the aeration tank were light brown/grey and had no noticeable odor. The rate of aeration appeared adequate. Currently, the blower is operated 24 hours/day, seven days/week.

2. The clarifier effluent was mostly clear with some very light solids. The sludge return was operating and light brown water was being returned to the aeration tank.

3. It was indicated that disinfection is achieved by adding chlorine tablets to the clarifier weir. However, no tablets were in place as it was not disinfection season.

4. The daily log book for the plant is kept in the mailbox near the head of the plant. Please make sure that all the daily maintenance and operation activities completed by you or your contract operator are documented in the log book. The time spent at the plant should be documented as well.

5. We recently received your letter that indicated that there is an inflow/infiltration problem at the plant. We appreciate your efforts to address this issue. During our inspection Mr. Young indicated that the plant flows are estimated from the parks water meter. Since you have indicated that there is an I/I issue at the plant we recommend that you install hour meters on the sand filter dosing pumps so that the actual flows processed by the plant can be documented.

6. 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, Fecal Coliform and Chlorine Residual limits of your permit since the permit went effective in 2003. In the future the fecal coliform and chlorine residual limits can be met by making sure that the chlorinator and dechlorinator are adequately stocked with tablets.

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 have been included for your review.

Sincerely,

Andrew Y. Gall
Environmental Specialist II
Division of Surface Water

/llr

pc: Mr. Darryl Young
DSW-NWDO File

OhioEPA

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
OH0125491	2PY00025*BD	04/07/08	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Woodlyn Acres MHP 3764 US Route 224	11:30 AM	7/1/2003
	Exit Time	Permit Expiration Date
	12:00 PM	6/30/2008
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)	
Same	Same	
Name, Address and Title of Responsible Official	Phone Number	
Dennis Lugli, Owner 1304 County Road 16 New London, OH 44851		

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

Permit # : OH0125491
NPDES #: 2PY00025*BD

Average Daily Design Flow:	**30,000 Gallons/Day**
Plant Serves:	99 lots
Average Daily Flow: (Period of Review):	**Gallons/Day (10,000)**
Method of flow monitoring:	**Estimated using water meter**
Type of alarms for plant:	

Pretreatment

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

Comments/Status:

Secondary Treatment (Aeration)

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

	Yes	No		Yes	No
Aeration is taking place	☒	☐	Plant is septic	☐	☒
Blowers are operating	☒	☐	Blowers are on a timer	☐	☒
Skimmers are operating	☒	☐	Plant is flooded	☐	☒
Diffusers are operating	☒	☐	Grating is present	☒	☐
Sludge return is operating	☒	☐			

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

Comments/Status:

Secondary Treatment (Settling)

Clarity: **Cloudy**
Condition of Weir: **Clean**
Weir is level: **Yes**

Permit # : OH0125491
NPDES #: 2PY00025*BD

Effluent in weir: **Light Solids**
Clarifier walls need scraped: **Unknown**

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

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: **Slow**	☒	☐	**Subsurface**	☐	☒
Distribution box operating	☒	☐	Beds alternated	☒	☐
Are filters ponding/flooding	☐	☒	Beds raked	☒	☐
Sand filters overgrown	☐	☒	Chlorination present	☒	☐
UV present	☐	☒	Dechlorination present	☒	☐

Overall maintenance of components is: **Good**

Comments/Status:

Sludge Handling/Storage Disposal

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

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Unamed Trib. to Vermillion River**
Discharge is visible: **No** Quality of Effluent: **Clear**

Comments/Status:

Woodlyn Acres - Limit Violations 07/2003 - 01/2008

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00025*BD	July 2003	001	00530	Total Suspended Solids	30D Conc	12	16.	7/1/2003
2PY00025*BD	July 2003	001	31616	Fecal Coliform	30D Conc	1000	4100.	7/1/2003
2PY00025*BD	July 2003	001	31616	Fecal Coliform	7D Conc	2000	4100.	7/1/2003
2PY00025*BD	July 2003	001	50060	Chlorine, Total Residu	1D Conc	0.019	.32	7/21/2003
2PY00025*BD	August 2003	001	00530	Total Suspended Solids	30D Conc	12	18.	8/1/2003
2PY00025*BD	August 2003	001	80082	CBOD 5 day	30D Conc	10	22.	8/1/2003
2PY00025*BD	August 2003	001	80082	CBOD 5 day	7D Conc	15	22.	8/1/2003
2PY00025*BD	August 2003	001	50060	Chlorine, Total Residu	1D Conc	0.019	.22	8/6/2003
2PY00025*BD	August 2003	001	50060	Chlorine, Total Residu	1D Conc	0.019	.35	8/20/2003
2PY00025*BD	October 2003	001	50060	Chlorine, Total Residu	1D Conc	0.019	.2	10/6/2003
2PY00025*BD	October 2003	001	50060	Chlorine, Total Residu	1D Conc	0.019	.21	10/20/2003
2PY00025*BD	March 2004	001	00530	Total Suspended Solids	30D Conc	12	13.	3/1/2004
2PY00025*BD	May 2004	001	31616	Fecal Coliform	30D Conc	1000	19000.	5/1/2004
2PY00025*BD	May 2004	001	31616	Fecal Coliform	7D Conc	2000	19000.	5/1/2004
2PY00025*BD	June 2004	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.05	6/1/2004
2PY00025*BD	June 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	6/1/2004
2PY00025*BD	June 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	.43	6/16/2004
2PY00025*BD	June 2004	001	00300	Dissolved Oxygen	1D Conc	6.0	5.9	6/28/2004
2PY00025*BD	July 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	.19	7/22/2004
2PY00025*BD	September 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	.19	9/14/2004
2PY00025*BD	September 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	1.59	9/27/2004
2PY00025*BD	October 2004	001	50060	Chlorine, Total Residu	1D Conc	0.019	.65	10/6/2004
2PY00025*BD	May 2005	001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	5/11/2005
2PY00025*BD	May 2005	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	5/26/2005
2PY00025*BD	June 2005	001	50060	Chlorine, Total Residu	1D Conc	0.019	.36	6/14/2005
2PY00025*BD	June 2005	001	50060	Chlorine, Total Residu	1D Conc	0.019	1.25	6/29/2005
2PY00025*BD	July 2005	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.22	7/1/2005
2PY00025*BD	July 2005	001	31616	Fecal Coliform	30D Conc	1000	2346.	7/1/2005
2PY00025*BD	July 2005	001	31616	Fecal Coliform	7D Conc	2000	2346.	7/8/2005
2PY00025*BD	August 2005	001	31616	Fecal Coliform	30D Conc	1000	5900.	8/1/2005
2PY00025*BD	August 2005	001	31616	Fecal Coliform	7D Conc	2000	5900.	8/8/2005
2PY00025*BD	September 2005	001	31616	Fecal Coliform	30D Conc	1000	3500.	9/1/2005
2PY00025*BD	September 2005	001	31616	Fecal Coliform	7D Conc	2000	3500.	9/8/2005

2PY00025*BD	October 2005	001	50060	Chlorine, Total Residu	1D Conc	0.019	.54	10/11/2005
2PY00025*BD	May 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.85	5/23/2006
2PY00025*BD	June 2006	001	31616	Fecal Coliform	30D Conc	1000	2200.	6/1/2006
2PY00025*BD	June 2006	001	31616	Fecal Coliform	7D Conc	2000	2200.	6/8/2006
2PY00025*BD	June 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.91	6/28/2006
2PY00025*BD	July 2006	001	31616	Fecal Coliform	30D Conc	1000	1100.	7/1/2006
2PY00025*BD	July 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.78	7/12/2006
2PY00025*BD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.19	5/21/2007
2PY00025*BD	June 2007	001	31616	Fecal Coliform	30D Conc	1000	2300.	6/1/2007
2PY00025*BD	June 2007	001	31616	Fecal Coliform	7D Conc	2000	2300.	6/8/2007
2PY00025*BD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/12/2007
2PY00025*BD	July 2007	001	00530	Total Suspended Solids	30D Conc	12	14.	7/1/2007
2PY00025*BD	July 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.1	7/1/2007
2PY00025*BD	July 2007	001	31616	Fecal Coliform	30D Conc	1000	8800.	7/1/2007
2PY00025*BD	July 2007	001	31616	Fecal Coliform	7D Conc	2000	8800.	7/8/2007
2PY00025*BD	August 2007	001	31616	Fecal Coliform	30D Conc	1000	1700.	8/1/2007
2PY00025*BD	October 2007	001	00530	Total Suspended Solids	30D Conc	12	14.	10/1/2007
2PY00025*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.06	12/1/2007
2PY00025*BD	December 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.06	12/15/2007
2PY00025*BD	January 2008	001	00530	Total Suspended Solids	30D Conc	12	13.	1/1/2008
2PY00025*BD	January 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	7.96	1/1/2008
2PY00025*BD	January 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	7.96	1/8/2008