



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: Seneca County  
Hopewell Estates MHP  
Sewerage

June 28, 2010

Mr. R. Lyn Makeever  
P.O. Box 1155  
Bucyrus, OH 44820

Dear Mr. Makeever:

On April 14 2010, an inspection of the Hopewell Estates MHP wastewater treatment plant (WWTP) was made. Observations and recommendations noted during the inspection are as follows:

1. The plant was operating and had what appeared to be adequate aeration at the time of the inspection.
2. The clarifier surface had a slight accumulation of sludge/scum layer around the skimmer.
3. The sludge and skimmer return lines were operational.
4. The aerated sludge holding tank was in use.
5. Disinfection must be provided from May through October.
6. Post aeration at the outlet end of the tertiary pond was operational at the time of the inspection.
7. Pictures taken at the time of the inspection are enclosed.

A review of your monthly discharge monitoring reports (DMRs) has also been conducted. A list of permit violations (July 2005 thru May 2010) is enclosed.

**NPDES Permit Compliance Schedule**

The NPDES permit for this facility (Effective Date: December 1, 2005) includes the following compliance schedule items which were to have been submitted but are not yet received:

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*1. This entity shall attain compliance with the final effluent limitations of the permit as expeditiously as practicable, but not later than the dates developed in accordance with the following schedule:*

- a. Submit detail plans for plant and/or sewer system improvements as soon as possible, but not later than 12 Months (due 12/1/2006) from the effective date of this permit. (Event Code 01299)*
- b. Attain operational level of the treatment works and meet final effluent limitations as soon as possible, but not later than 36 Months (due 12/1/2008) from the effective date of this permit. (Event Code 05599)*
- c. Notify the appropriate Ohio EPA District Office within seven days of attaining operational level.*

Steps must be taken to return to plant to compliance. Failure to comply with the NPDES permit and properly operate and maintain the WWTP can be cause for escalated enforcement action that may include penalties.

If there are any questions, please advise.

Yours truly,



Mary Beth Cohen  
Division of Surface Water

/lb

pc: Seneca County Health Department  
~~INWDO-DSWfile~~

## Hopewell Estates Mobile Home Park 2PY00006\*AD

Limit Violations outfall 001 (July 2005 thru May 2010)

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2005	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	13.8	7/1/2005
July 2005	00610	Nitrogen, Ammonia (NH3	30D Qty	0.06	.20893	7/1/2005
July 2005	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	13.8	7/8/2005
July 2005	00610	Nitrogen, Ammonia (NH3	7D Qty	0.09	.20893	7/8/2005
August 2005	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	12.3	8/1/2005
August 2005	00610	Nitrogen, Ammonia (NH3	30D Qty	0.06	.18622	8/1/2005
August 2005	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	12.3	8/8/2005
August 2005	00610	Nitrogen, Ammonia (NH3	7D Qty	0.09	.18622	8/8/2005
September 2005	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	4.5	9/1/2005
September 2005	00610	Nitrogen, Ammonia (NH3	30D Qty	0.06	.15329	9/1/2005
September 2005	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	4.5	9/8/2005
September 2005	00610	Nitrogen, Ammonia (NH3	7D Qty	0.09	.15329	9/8/2005
October 2005	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.3	10/1/2005
December 2005	80082	CBOD 5 day	30D Conc	10	20.	12/1/2005
December 2005	80082	CBOD 5 day	1D Conc	15	20.	12/14/2005
March 2006	00530	Total Suspended Solids	30D Conc	12	39.	3/1/2006
March 2006	80082	CBOD 5 day	30D Conc	10	19.	3/1/2006
March 2006	00530	Total Suspended Solids	1D Conc	18	39.	3/8/2006
March 2006	80082	CBOD 5 day	1D Conc	15	19.	3/8/2006
April 2006	00530	Total Suspended Solids	30D Conc	12	31.	4/1/2006
April 2006	80082	CBOD 5 day	30D Conc	10	15.	4/1/2006
April 2006	00530	Total Suspended Solids	1D Conc	18	31.	4/12/2006
May 2006	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.5	5/1/2006
August 2006	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.8	8/1/2006
August 2006	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.8	8/9/2006
January 2007	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.2	1/1/2007
February 2007	00530	Total Suspended Solids	30D Conc	12	17.	2/1/2007
February 2007	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	12.	2/1/2007
February 2007	00610	Nitrogen, Ammonia (NH3	30D Qty	0.18	.18168	2/1/2007
February 2007	80082	CBOD 5 day	30D Conc	10	11.	2/1/2007
February 2007	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	12.	2/21/2007
March 2007	00530	Total Suspended Solids	30D Conc	12	19.	3/1/2007
March 2007	00530	Total Suspended Solids	30D Qty	0.73	.79107	3/1/2007
March 2007	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.2	3/1/2007
March 2007	00610	Nitrogen, Ammonia (NH3	30D Qty	0.18	.2165	3/1/2007
March 2007	80082	CBOD 5 day	30D Conc	10	16.	3/1/2007
March 2007	80082	CBOD 5 day	30D Qty	0.61	.66616	3/1/2007
March 2007	00530	Total Suspended Solids	1D Conc	18	19.	3/14/2007
March 2007	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.2	3/14/2007
March 2007	80082	CBOD 5 day	1D Conc	15	16.	3/14/2007
April 2007	00530	Total Suspended Solids	30D Conc	12	59.	4/1/2007
April 2007	00530	Total Suspended Solids	30D Qty	0.73	2.23315	4/1/2007
April 2007	80082	CBOD 5 day	30D Conc	10	18.	4/1/2007
April 2007	80082	CBOD 5 day	30D Qty	0.61	.6813	4/1/2007
April 2007	00530	Total Suspended Solids	1D Conc	18	59.	4/11/2007
April 2007	00530	Total Suspended Solids	1D Qty	1.09	2.23315	4/11/2007
April 2007	80082	CBOD 5 day	1D Conc	15	18.	4/11/2007

**Hopewell Estates Mobile Home Park 2PY00006\*AD**  
 Limit Violations outfall 001 (July 2005 thru May 2010)

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2007	00530	Total Suspended Solids	30D Conc	12	27.	5/1/2007
May 2007	80082	CBOD 5 day	30D Conc	10	19.	5/1/2007
May 2007	00530	Total Suspended Solids	1D Conc	18	27.	5/9/2007
May 2007	80082	CBOD 5 day	1D Conc	15	19.	5/9/2007
July 2007	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.	7/1/2007
July 2007	31616	Fecal Coliform	30D Conc	1000	10000.	7/1/2007
July 2007	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.	7/11/2007
July 2007	31616	Fecal Coliform	1D Conc	2000	10000.	7/11/2007
August 2007	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	11.5	8/1/2007
August 2007	00610	Nitrogen, Ammonia (NH3	30D Qty	0.06	.13058	8/1/2007
August 2007	31616	Fecal Coliform	30D Conc	1000	10000.	8/1/2007
August 2007	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	11.5	8/8/2007
August 2007	00610	Nitrogen, Ammonia (NH3	1D Qty	0.09	.13058	8/8/2007
August 2007	31616	Fecal Coliform	1D Conc	2000	10000.	8/8/2007
September 2007	31616	Fecal Coliform	30D Conc	1000	1600.	9/1/2007
October 2008	31616	Fecal Coliform	30D Conc	1000	5500.	10/1/2008
October 2008	31616	Fecal Coliform	1D Conc	2000	5500.	10/8/2008
December 2008	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	7.2	12/1/2008
December 2008	00610	Nitrogen, Ammonia (NH3	30D Qty	0.18	.19076	12/1/2008
December 2008	80082	CBOD 5 day	30D Conc	10	13.	12/1/2008
December 2008	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.2	12/3/2008
February 2009	80082	CBOD 5 day	30D Conc	10	11.	2/1/2009
April 2009	00530	Total Suspended Solids	30D Conc	12	24.	4/1/2009
April 2009	00530	Total Suspended Solids	1D Conc	18	24.	4/8/2009
May 2009	00530	Total Suspended Solids	30D Conc	12	28.	5/1/2009
May 2009	80082	CBOD 5 day	30D Conc	10	13.	5/1/2009
May 2009	00530	Total Suspended Solids	1D Conc	18	28.	5/13/2009
August 2009	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.2	8/1/2009
August 2009	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.2	8/12/2009
September 2009	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.8	9/1/2009
September 2009	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.8	9/9/2009
March 2010	80082	CBOD 5 day	30D Conc	10	13.	3/1/2010

**Hopewell Estates Mobile Home Park 2PY00006\*AD**  
**Frequency Violations outfall 001 (July 2005 thru May 2010)**

Reporting Period	Reporting		Parameter	Sample			Violation
	Code			Frequency	Expected	Reported	Date
July 2005	50060		Chlorine, Total Residu	1/2Weeks	1	0	07/01/2005
July 2005	50060		Chlorine, Total Residu	1/2Weeks	1	0	07/15/2005
October 2005	00010		Water Temperature	1/Week	1	0	10/01/2005
October 2005	50060		Chlorine, Total Residu	1/2Weeks	1	0	10/15/2005
October 2005	00300		Dissolved Oxygen	1/Week	1	0	10/01/2005
May 2006	50050		Flow Rate	1/Day	1	0	05/31/2006
May 2006	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/01/2006
May 2006	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/15/2006
June 2006	50060		Chlorine, Total Residu	1/2Weeks	1	0	06/01/2006
June 2006	50060		Chlorine, Total Residu	1/2Weeks	1	0	06/15/2006
July 2006	00010		Water Temperature	1/Week	1	0	07/08/2006
July 2006	00300		Dissolved Oxygen	1/Week	1	0	07/08/2006
September 2006	00010		Water Temperature	1/Week	1	0	09/08/2006
September 2006	00300		Dissolved Oxygen	1/Week	1	0	09/08/2006
February 2007	00010		Water Temperature	1/Week	1	0	02/22/2007
February 2007	00300		Dissolved Oxygen	1/Week	1	0	02/22/2007
March 2007	00010		Water Temperature	1/Week	1	0	03/01/2007
March 2007	00300		Dissolved Oxygen	1/Week	1	0	03/01/2007
May 2007	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/01/2007
May 2007	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/15/2007
September 2007	00010		Water Temperature	1/Week	1	0	09/08/2007
September 2007	00010		Water Temperature	1/Week	1	0	09/22/2007
September 2007	00300		Dissolved Oxygen	1/Week	1	0	09/08/2007
September 2007	00300		Dissolved Oxygen	1/Week	1	0	09/22/2007
December 2007	00300		Dissolved Oxygen	1/Week	1	0	12/01/2007
December 2007	00010		Water Temperature	1/Week	1	0	12/01/2007
May 2008	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/01/2008
May 2008	50060		Chlorine, Total Residu	1/2Weeks	1	0	05/15/2008
October 2008	80082		CBOD 5 day	1/Month	1	0	10/01/2008
August 2009	00010		Water Temperature	1/Week	1	0	08/01/2009
August 2009	00300		Dissolved Oxygen	1/Week	1	0	08/01/2009
January 2009	00010		Water Temperature	1/Week	1	0	01/08/2009
January 2009	00300		Dissolved Oxygen	1/Week	1	0	01/08/2009

**Hopewell Estates Mobile Home Park, Seneca County**

pictures taken by M.B.Cohen - 04/14/2010

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