



**Environmental
Protection Agency**

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

Re: Erie County
Harbourtown MHP
NPDES Permit

January 31, 2012

Mr. Matt Fisher, Manager
Harbourtown Mobile Home Park
6320 Poorman Road
Vermilion, Ohio 44089

Dear Mr. Fisher:

On September 8, 2011, an inspection was made of the wastewater treatment facilities serving the Harbourtown Mobile Home Park. In general, both operation and maintenance appeared good.

At the time of my visit, all major treatment components were in operation, and a very clear final effluent was observed being discharged from the plant. All four surface sand filters have now been rebuilt, as well as all the pumps. Old clay tile service taps are being replaced on an "as needed" basis, and approximately 25 lines were replaced over the last two years. In order to expedite excessive clean water removal from the collection system, I would encourage you to develop an annual service line replacement program of at least 25 lots per year.

Discharge monitoring reports are being received in a timely manner. A review of 2011 reports indicates compliance, with the exception of the month of April, when numerous concentration/loading violations were reported. A copy is enclosed for your review. Tracy Weller, your operator, stated that excessive rain and subsequent infiltration into the collection system was to blame. It is imperative that the older clay lines in the collection system be identified and replaced on a regular basis.

Your NPDES permit was renewed last April and will remain in effect until 2016. My completed inspection report is enclosed. If there are any errors, or you have any questions, please call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosures

pc: Erie County Health Department
Mr. Sheldon Fromson
ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

Facility Name Harbourtown MHP NPDES Permit No. 2PS00001*HD
 Facility Address 6320 Poorman Rd Expiration Date 3-31-16
 City - County Erie Date 9-8-11 Time 2:00 am (pm)
 Township Vermilion
 Name and Address of Owner Sheldon Fromson
 Person Contacted Matt Fisher - Mgr Salley Office Owner Phone (440) 967-9382
 Flow: Design 50,000 GPD Present _____ GPD (metered - estimated)
 Trib. Pop. 200 of 228 lots (actual - estimated) Weather at time of inspection: Temp 60° Clear
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None		Clear		None		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: Lake Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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 <u>✓</u>	OUT _____
_____	Chlorination Tablets
_____	Dechlorination Tablets
_____	U.V.

Yes No ✓ (1/11 - 12/11)

4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: BODs, TSS
 Chronic Violations _____

5. ✓ Adequate plant safety

6. ✓ Operation and Maintenance Service

Name Tracy Weller

Frequency of Visits 2x/WK

Facility Name: Harbartown MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer ___Y___N	Cycle Time: All pumps rebuilt
	2	Motor/ Blower Unit	New blower motor last yr
Secondary Treatment		Aeration Tank	Color: Brown Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	2	Clarifier	Good
	2	Sludge Return	In / Out
	2	Surface Skimmer	In / Out
	2	Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	2 recently cleaned 2 weeded, All rebuilt w/ new sand
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Very clear
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering	1	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing.	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	Collection System sewer lateral replaced as found broken (approx 25)

Get New Data								
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PS00001*HD	April 2011	001	00530	Total Suspended Solids	30D Qty	2.28	4.58602	4/1/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	30D Conc	10.0	14.5	4/1/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	7D Conc	15.0	23.	4/1/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	30D Qty	1.90	5.68909	4/1/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	7D Qty	2.84	4.11335	4/1/2011
2PS00001*HD	April 2011	001	00530	Total Suspended Solids	7D Conc	18.0	20.	4/15/2011
2PS00001*HD	April 2011	001	00530	Total Suspended Solids	7D Qty	3.41	5.85161	4/15/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	7D Conc	15.0	20.	4/15/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	7D Qty	2.84	5.85161	4/15/2011
2PS00001*HD	April 2011	001	00530	Total Suspended Solids	7D Qty	3.41	10.0287	4/22/2011
2PS00001*HD	April 2011	001	80082	CBOD 5 day	7D Qty	2.84	12.5359	4/22/2011
2PS00001*HD	May 2011	001	80082	CBOD 5 day	7D Qty	2.84	3.36865	5/1/2011
2PS00001*HD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	8/24/2011