



Environmental  
Protection Agency

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

Re: Erie County  
Shore Acres MHP  
NPDES Permit

October 5, 2011

Mr. Dennis Lugli, Owner  
Shore Acres MHP  
1309 County Road 16  
New London, Ohio 44851

Dear Mr. Lugli:

On September 8, 2011, an inspection was made of the wastewater treatment facilities serving the Shore Acres MHP. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed being discharged from the outlet pipe to Lake Erie. In general, both operation and maintenance appeared good.

NPDES monthly discharge monitoring reports are being received in a timely manner and indicated periodic violations this season. A copy of the violations is enclosed to review with your operator. Steps need to be taken to improve compliance.

If you have any questions please call me at (419) 373-3020, or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/lr

pc: Erie County Health Department  
C:\DSW\NWDO\File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00079  
 Facility Name Shore Acres MHP Expiration Date 6-30-15  
 Facility Address West Lake Rd and Coen Date 9-8-11 Time 11<sup>0</sup> am (pm)  
 City - County Erie Township Vermilion  
 Name and Address of Owner Dennis Lugli  
 Person Contacted none Owner Phone (419) 929-4905  
 Flow: Design 15,000 GPD Present \_\_\_\_\_ GPD (metered - estimated)  
 Trib. Pop. 65 lots (actual - estimated) Weather at time of inspection: Temp 70° overcast  
 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: L. 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 N/A  
 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	
<u>/</u>	<u>/</u>	Chlorination Tablets
<u>/</u>	<u>/</u>	Dechlorination Tablets
<u>/</u>	<u>/</u>	U.V.

Yes No (1/11 - 9/11)

4. ✓ Compliance with NPDES Permit

Periodic Violations Y N Parameters: Ammonia  
 Chronic Violations \_\_\_\_\_

5. ✓ Adequate plant safety

6. ✓ Operation and Maintenance Service Name Ray Lugli

Frequency of Visits Daily

Facility Name: Shore Acres

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: <u>  </u> Y <u>  </u> N Motor/ Blower Unit	Cycle Time:
Secondary Treatment	2	Aeration Tank	Color: <u>Brown</u> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	1	Clarifier	<u>Good settling</u>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	<u>1a</u>
	1	Dechlorination Tube Feeder	<u>1a</u>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00079*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2	6.74	6/1/2011
2PY00079*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.12	.18368	6/1/2011
2PY00079*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	3	6.74	6/13/2011
2PY00079*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.17	.18368	6/13/2011
2PY00079*AD	June 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	.84	6/28/2011
2PY00079*AD	June 2011	001	31648	E. coli	1D Conc	126	172.	6/28/2011
2PY00079*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2	21.4	7/1/2011
2PY00079*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.12	.67229	7/1/2011
2PY00079*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	3	21.4	7/6/2011
2PY00079*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.17	.67229	7/6/2011
2PY00079*AD	July 2011	001	31648	E. coli	1D Conc	126	61000.	7/6/2011
2PY00079*AD	August 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	21.	8/4/2011