



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: Ottawa County  
Middle Bass Island  
Middle Bass Club  
NPDES Permit

June 28, 2010

Mr. Jaime Hovsepian  
125 Artesian Drive  
Ashland, Ohio 44805

Dear Mr. Hovsepian:

On June 10, 2010, an inspection was made of the wastewater treatment facilities serving The Middle Bass Club on Middle Bass Island. This is the first inspection following the installation of surface sand filters. At the time of my visit all major treatment components were in operation and a clear final effluent was observed being discharged from the outfall pipe. The contact tank had a slight "muddy" brown tint which may be the result of residuals washing off following the installation of the sand filters. This should clear up in time. Both chlorine and dechlorination tablets in the tube feeders appeared left over from last year and should be replaced with fresh ones.

Thank you for installing the surface sand filters as required in your NPDES permit. This additional level of treatment will result in improved effluent quality, and prevent a loss of solids into Lake Erie, which as noted in past inspections. My inspection report is enclosed. 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

/llr

pc: Ottawa County Health Department  
Eastwood Environmental  
«DSW-NWDO File»

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

Facility Name Middle Bass Club NPDES Permit No. 2PW00020  
 Expiration Date: 2-28-13  
 Facility Address Terminal end of Lake Rd Date 6-10-10 Time 12<sup>45</sup> am (pm)  
 City Middle Bass Island County Ottawa Township PIB  
 Name and Address of Owner Middle Bass Club, Jamie Hovsepian, Trustee  
 Person Contacted - Owner Phone (419) 651-0888  
 Flow: Design 5000 GPD Present                      GPD (metered - estimated)  
 Trib. Pop. 25 homes (actual) estimated Weather at time of inspection: Temp 80° 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		<u>Clear</u>		<u>None</u>		<u>Colorless</u>
1	Mild					<input checked="" type="checkbox"/>	<u>brown tint</u>
2	Moderate		<u>Light Solids</u>		<u>Musty</u>		<u>Grey</u>
3	Serious						
4	Extreme		<u>Heavy Solids</u>		<u>Septic</u>		<u>Black</u>

2. Effect of effluent on Receiving Stream Name: L. Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None		<u>Clear</u>		<u>None</u>		<u>Colorless</u>
1	Mild						
2	Moderate		<u>Light Solids</u>		<u>Musty</u>		<u>Grey</u>
3	Serious						
4	Extreme		<u>Heavy Solids</u>		<u>Septic</u>		<u>Black</u>

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	OUT	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>left from last year</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Chlorination Tablets</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Dechlorination Tablets</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Ultraviolet (U.V.)</u>

Yes No

4.                      Compliance with NPDES Permit

Periodic Violations                      Y                      N                      Parameters:

Chronic Violations                     

5.                      Adequate plant safety                      No fence

6.                      Operation and Maintenance Service

Name Eastwood Env.

Frequency of Visits 1/WK

Facility Name: Middle Bass Club

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