



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

Re: Ottawa County
Middle Bass Island
Middle Bass Club
NPDES Permit

August 16, 2013

Mr. Jaime Hovsepien
125 Artesian Drive
Ashland, Ohio 44805

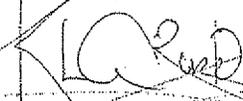
Dear Mr. Hovsepien:

On July 29, 2013, an inspection was made of the wastewater treatment facilities serving The Middle Bass Club. Both operation and maintenance appeared fair. At the time of my visit, all major treatment components were in operation; however, I observed a light brown final effluent in the contact tank prior to discharging from the plant. I attributed this to an accumulation of solids, and/or mud washed through the sand filters. The contact tank needs to be pumped clean, as final effluent quality is being deteriorated.

The clarifier had a very thick layer of scum buildup on the surface that needs to be cleaned, and one of the surface sand filters had heavy solids buildup, which also needs cleaned. Both of these conditions, along with the above solids accumulation in the contact tank, all contribute to poor effluent quality and National Pollutant Discharge Elimination System (NPDES) permit violations.

Please notify me of plans to address the above noted deficiencies. I will be making an additional inspection prior to the end of the summer season. Our inspection report is enclosed. If any of the above is in error, or you have any questions, please call me at (419) 373-3020, or email at rick.zuzik@epa.ohio.gov.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosure

pc: Ottawa County Health Department
Eastwood Environmental

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PW00020 *BD
 Facility Name Middle Bass Club Expiration Date 6-30-18
 Facility Location Terminal end of Lake Rd Date 7-29-13 Time 3:30 am/pm (pm)
 City Middle Bass Island County Ottawa Township PIB
 Name of Owner MBC, Jamie Hovsepian, Trustee Owner Phone (919) 651-0888
 Person Contacted - Operator of Record Eastwood Env
 Flow, Design 5000 GPD WWTP Classification: 1 A or 1
 Trib. Pop. 25 homes (actual/estimated) Weather at time of inspection: Temp 80 ° Clear
 OEPA Personnel Rick Zurik District NWDD

1. Plant Effluent - Mark Severity No.

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

2. Effect of Effluent on Receiving Stream - Name: L. Erie

<input checked="" type="checkbox"/>	None	<input type="checkbox"/>	Mild	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	Serious
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3. a. Plant has good excellent good fair poor operation
 b. Plant has good excellent good fair poor maintenance
 c. Sand filters have good excellent good fair poor maintenance- N/A

Not operating at expected efficiency due to:

- (1) hydraulic overload
 (2) organic/solids overload
 (3) personnel inefficiency
 (4) equipment failure
 (5) wastes
 (6) heavy solid Buildup

Disinfection: (Required May 1 thru Oct. 31)		
IN	OUT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Ultraviolet (U.V.)

Yes No Not reviewed

4. Compliance with NPDES Permit - Time Period: _____ to _____

Periodic Violations Y N Parameters: _____

Chronic Violations _____

5. O & M logbook kept and available on site: Location Blower Bldg

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies _____

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	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <u>Brown</u> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	<u>heavy scum Buildup</u>
	1	Sludge Return	In <input checked="" type="checkbox"/> Out
	1	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	1 - heavy solids
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<u>Accumulation of solids</u> <u>NEED CLEANED</u>
	1	Chlorine Tube Feeder	<u>IN</u>
	1	Dechlorination Tube Feeder	<u>N</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	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	