



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

Re: Erie County  
Kelleys Island  
Island House  
NPDES Permit

October 15, 2012

Mr. Jim Seba  
21500 N.W. Highway, Suite 1102  
Southfield, Michigan 48075

Dear Mr. Seba:

On September 5, 2012, an inspection was made of the sewerage facilities serving Kelleys Island House Restaurant. I was disappointed to once again find the plant in poor condition. At the time of my visit, the plant was very odorous, both surface sand filters were ponded and final effluent in the contact tank was black and septic. The condition of this facility is unacceptable.

I notified Eastwood Environmental, your operator, of plant conditions, and to service the plant as soon as possible. I was notified that the clarifier, surface sand filters, and trash trap had been pumped. They believe that the current blower capacity is providing inadequate oxygen and a larger unit will be provided. The blower units are vital for adequate treatment and must be left on unless adjusted by your contract operator. The plant will also be "seeded" to provide active bacteria; however, the operating season is nearly over.

National Pollutant Discharge Elimination System (NPDES) discharge monitoring reports are being received in a timely manner. A review of this year indicated numerous effluent violations this season. A copy of the violations is enclosed to review with your operator. Please have your operator prepare and submit a written plan of action within 60 days with operational improvements that you intend to have in place next season in order to keep this facility in compliance. Failure to maintain compliance can result in escalated enforcement action.

Enclosed is my completed inspection report. 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

/jlm

Enclosures

pc: Erie 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. 2PR000787DD

Facility Name Island House Expiration Date 12-31-15  
 Facility Location 131 Division St Date 9-5-12 Time 100 am/pm  
 City Kelleys Island County Erie Township \_\_\_\_\_  
 Name of Owner Jim Seba Owner Phone (248) 640-4314  
 Person Contacted \_\_\_\_\_ Operator of Record Eastwood Env.  
 Flow. Design 2000 GPD WWTP Classification:  A or \_\_\_ I  
 Trib. Pop. 65 indoor & outdoor (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	Turbidity	Odor	Color
0	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

<input type="checkbox"/>	None	<input type="checkbox"/>	Mild	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	Serious
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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

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 type="checkbox"/>	Chlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Ultraviolet (U.V.)

Yes No

4.  Compliance with NPDES Permit - Time Period: 1-1-12 to 8-28-12

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

Chronic Violations  TSS, NH<sub>3</sub>, CBOD<sub>5</sub>

5.  O & M logbook kept and available on site: Location PVC pipe enclosure

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 No fence around sand filters

Facility Name: Island House

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	1	Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
	1	Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Grey Adequate Aeration Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Final Settling	1	Clarifier	Greasy Grey
	1	Sludge Return	In      Out
	1	Surface Skimmer	In      Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Ponded
		Polishing Pond	
		Other	
Disinfection	2	Contact Tank / Dechlor	Septic effluent
	1	Chlorine Tube Feeder	in
	1	Dechlorination Tube Feeder	in
		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 PDTW	
		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
2PR00078*DD	June 2012	001	00530	Total Suspended Solids	30D Conc	12.0	33.	6/1/2012
2PR00078*DD	June 2012	001	00530	Total Suspended Solids	7D Conc	18.0	56.	6/1/2012
2PR00078*DD	June 2012	001	00530	Total Suspended Solids	30D Qty	0.08	.15897	6/1/2012
2PR00078*DD	June 2012	001	00530	Total Suspended Solids	7D Qty	0.13	.15897	6/1/2012
2PR00078*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	5.3	6/1/2012
2PR00078*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	6.3	6/1/2012
2PR00078*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.015	.01788	6/1/2012
2PR00078*DD	June 2012	001	80082	CBOD 5 day	30D Conc	10.0	14.	6/1/2012
2PR00078*DD	June 2012	001	80082	CBOD 5 day	7D Conc	15.0	22.	6/1/2012
2PR00078*DD	June 2012	001	31648	E. coli	7D Conc	284	400.	6/1/2012
2PR00078*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	4.3	6/15/2012
2PR00078*DD	August 2012	001	00530	Total Suspended Solids	30D Conc	12.0	152.	8/1/2012
2PR00078*DD	August 2012	001	00530	Total Suspended Solids	30D Qty	0.08	.43149	8/1/2012
2PR00078*DD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	29.3	8/1/2012
2PR00078*DD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.015	.08318	8/1/2012
2PR00078*DD	August 2012	001	80082	CBOD 5 day	30D Conc	10.0	160.	8/1/2012
2PR00078*DD	August 2012	001	80082	CBOD 5 day	30D Qty	0.07	.4542	8/1/2012
2PR00078*DD	August 2012	001	00530	Total Suspended Solids	7D Conc	18.0	152.	8/22/2012
2PR00078*DD	August 2012	001	00530	Total Suspended Solids	7D Qty	0.13	.43149	8/22/2012
2PR00078*DD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	29.3	8/22/2012
2PR00078*DD	August 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.022	.08318	8/22/2012
2PR00078*DD	August 2012	001	80082	CBOD 5 day	7D Conc	15.0	160.	8/22/2012
2PR00078*DD	August 2012	001	80082	CBOD 5 day	7D Qty	0.10	.4542	8/22/2012