



Environmental
Protection Agency

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

Re: Erie County
Kelleys Island
The Island Cafe
NPDES Permit

July 29, 2011

Ms. Patty Johnson, Owner
The Island Cafe
P. O. Box 427
Kelleys Island, Ohio 43438

Dear Ms. Johnson:

On July 14, 2011, an inspection was made of the wastewater treatment facilities serving The Island Cafe. In general, both operation and maintenance appeared fair. At the time of my visit, all mechanical components were in operation and a clear final effluent was observed in the contact tank. Both sand filters were slightly ponded and in need of attention.

Monthly discharge monitoring reports are being received and only one effluent concentration violation has been reported since the beginning of the year.

Enclosed is a copy of our inspection report. If 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

/llr

pc: Erie County Health Department
Eastwood Environmental Inc.

DSW: NWDO-File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00122

Facility Name Island Cafe Expiration Date 7-31-13

Facility Address W. Lake Shore & Cameron Date 7-19-11 Time 1:35 am (pm)

City Kelleys Island County Erie Township _____

Name and Address of Owner Patti Johnson, P.O. Box 427, KI

Person Contacted Patti Owner Phone (419) 746-2820

Flow: Design 3200 GPD Present _____ GPD (metered - estimated)

Trib. Pop. 76 seats (actual - estimated) Weather at time of inspection: Temp 85° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. - In Contact Tank

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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 <input checked="" type="checkbox"/>	OUT _____	Chlorination Tablets
<input checked="" type="checkbox"/>	_____	Dechlorination Tablets
_____	_____	U.V.

Yes No (1/11 - 6/11)

4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Eastwood Env.

Frequency of Visits _____

Facility Name: Island Cafe

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 ___Y___N	Cycle Time:
	2	Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>light brown</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	1	Clarifier	<i>turbid</i>
	1	Sludge Return	In <input checked="" type="checkbox"/> Out
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>both ponded</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>turbid</i>
	1	Chlorine Tube Feeder	<i>IN</i>
	1	Dechlorination Tube Feeder	<i>IN</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	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	