



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

Re: Erie County
Kelleys Island
The Island Cafe
NPDES Permit

October 15, 2012

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

Dear Ms. Johnson:

On September 5, 2012, an inspection was made of the wastewater treatment facilities serving The Island Cafe. In general, both operation and maintenance appeared good. At the time of my visit, the plant's timer was in the "off" mode; however, I observed a clear final effluent in the contact tank. The surface sand filters were clean, and disinfection and dechlorination tablets were present in the tube feeders.

National Pollutant Discharge Elimination System (NPDES) discharge monitoring reports are being received in a timely manner. A review of this year indicated periodic suspended solids effluent violations this season. A copy of the violations is enclosed to review with your operator. These can easily be addressed through more vigilant maintenance of the surface sand filters.

Your NPDES permit expires July 31, 2013, and you will be receiving notification with applicable renewal forms in the near future. The renewal application and applicable fee should be submitted six months prior to the expiration, or no later than January 31, 2012.

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

/jlm

Enclosures

pc: Erie County Health Department
Eastwood Environmental Inc.
ec: Tracking

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

NPDES Permit No. 2PR00122
 Facility Name Island Cafe Expiration Date 7-31-13
 Facility Location W. Lake Shore & Cameron Date 9-5-12 Time 2⁰⁰ am/pm
 City Kelley's Island County _____ Township _____
 Name of Owner Patti Johnson Owner Phone (419) 656-4335
 Person Contacted _____ Operator of Record Castwood Env.
 Flow: Design 3200 GPD WWTP Classification: A or I
 Trib. Pop. 76 seats + 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
<u>0</u>	None	<u>Clear</u>	<u>None</u>	<u>Colorless</u>
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 checked="" 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
<u>✓</u>	Chlorination Tablets
<u>✓</u>	Dechlorination Tablets
<u>✓</u>	Ultraviolet (U.V.)

Yes No

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

Periodic Violations Y N Parameters: TSS

Chronic Violations _____

5. ✓ O & M logbook kept and available on site: Location _____

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: Island Cafe

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	1	Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization	
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: "OFF" ATGV
	2	Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Adequate Aeration Y <input type="checkbox"/> N <input type="checkbox"/>
Final Settling	1	Clarifier	
	1	Sludge Return	In Out
	1	Surface Skimmer	In Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	OK
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	clear
	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	1	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
2PR00122*CD	May 2012	001	00530	Total Suspended Solids	30D Conc	12	18.5	5/1/2012
2PR00122*CD	May 2012	001	00530	Total Suspended Solids	30D Qty	0.15	.21007	5/1/2012
2PR00122*CD	May 2012	001	00530	Total Suspended Solids	7D Qty	0.22	.35201	5/1/2012
2PR00122*CD	May 2012	001	00530	Total Suspended Solids	1D Conc	18	31.	5/2/2012
2PR00122*CD	May 2012	001	00400	pH	1D Conc	6.5	6.4	5/2/2012
2PR00122*CD	July 2012	001	00530	Total Suspended Solids	30D Conc	12	28.	7/1/2012
2PR00122*CD	July 2012	001	00530	Total Suspended Solids	30D Qty	0.15	.31794	7/1/2012
2PR00122*CD	July 2012	001	00530	Total Suspended Solids	7D Qty	0.22	.31794	7/22/2012
2PR00122*CD	July 2012	001	00530	Total Suspended Solids	1D Conc	18	28.	7/25/2012
2PR00122*CD	August 2012	001	00400	pH	1D Conc	6.5	6.2	8/6/2012