



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

Re: Erie County  
Kelleys Island  
The Island Cafe  
NPDES Permit

October 4, 2010

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

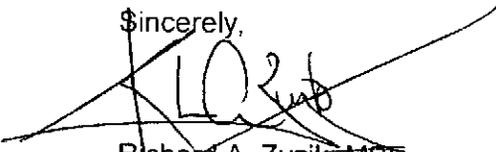
Dear Ms. Johnson:

On September 21, 2010, 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, all major treatment components were in operation, and a clear final effluent was observed in the contact tank. One of the sand filters was ponded and the other resting. Chlorine and dechlorination tablets were in the tube feeders.

Monthly discharge monitoring reports are being received and periodic NPDES permit violations have been reported this tourist season. I noted that the number of violations has decreased since last season. A copy of the violations is enclosed for your review with your operator.

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](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,



Richard A. Zuzik, MSE  
Division of Surface Water

/lb

pc: Erie County Health Department  
Eastwood Environmental Inc.  
NWDC 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 9-21-10 Time 1:45 am  pm

City Kelley's 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 80° Clear

DEPA 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		<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>

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
<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>

Chlorination Tablets  
 Dechlorination Tablets  
 Ultraviolet (U.V.)

Yes No (5/10 - 8/28/10)

4. — Compliance with NPDES Permit  
 Periodic Violations Y N Parameters: E. Coli, Ammonia  
 Chronic Violations —

5. — Adequate plant safety

6. — Operation and Maintenance Service Name Eastwood Env.  
 Frequency of Visits 1/WK

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 <input type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Med. Brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	good settling
	1	Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	one ponded, one resting
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	clear 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)	
	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	

5/10 - 8/10

Outflow Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00122*CD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.2	5/1/2010
2PR00122*CD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.012	.01363	5/1/2010
2PR00122*CD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.17	6/1/2010
2PR00122*CD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.012	.01329	6/1/2010
2PR00122*CD	June 2010	001	31648	E. coli	30D Conc	126	509.607	6/1/2010
2PR00122*CD	August 2010	001	31648	E. coli	30D Conc	126	400.	8/1/2010
2PR00122*CD	May 2010	001	31648	E. coli			AK	5/18/2010

Island Cafe 9/10

Re: Erie County  
Kelleys Island  
The Island Cafe  
NPDES Permit

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

*Juzik*  
*10-5*

Dear Ms. Johnson:

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Richard A. Zuzik, MSE  
Division of Surface Water

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: Eastwood Environmental Inc.  
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