Ohio EPA
40 years and moving forward

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

Re: Erie County
Kelleys Island
Island House
NPDES Permit

July 8, 2013

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

Dear Mr. Seba:

On June 20, 2013, an inspection was made of the sewerage facilities serving Kelleys Island House Restaurant. This was my first inspection under Franklin Sanitation, your new contract operator. At the time of my visit, all major treatment components were in operation, and a clear final effluent was observed in the chorine contact tank. There were chlorine and dechlorination tablets in the tube feeders.

National Pollutant Discharge Elimination System (NPDES) permit discharge monitoring reports are being received in a timely manner and a review of last year indicated chronic violations throughout the season. Enclosed is a copy of the violations to review with the new operators. There were numerous operation and maintenance issues last year that hopefully are addressed this year by your new operators. I was informed that the system has been pumped of solids and I noted improved aeration. There have been no violations reported thus far this year.

Please be aware that chronic NPDES permit violations may subject you to enforcement action by this agency.

Enclosed is my completed inspection report. I will be making additional visits during the summer season to observe the plant under midseason operating conditions. If 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: Erie County Health Department
Franklin Sanitation
ec: Tracking

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	7D Conc	18.0	56.	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	00530	Total Suspended Solids	30D Conc	12.0	33.	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	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	6.3	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	4.3	6/15/2012
2PR00078*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.015	.01788	6/1/2012
2PR00078*DD	June 2012	001	31648	E. coli	7D Conc	284	400.	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	80082	CBOD 5 day	30D Conc	10.0	14.	6/1/2012
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	7D Conc	18.0	152.	8/22/2012
2PR00078*DD	August 2012	001	00530	Total Suspended Solids	30D Qty	0.08	.43149	8/1/2012
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	30D Conc	2.0	29.3	8/1/2012
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	30D Qty	0.015	.08318	8/1/2012
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	30D Conc	10.0	160.	8/1/2012
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	30D Qty	0.07	.4542	8/1/2012
2PR00078*DD	August 2012	001	80082	CBOD 5 day	7D Qty	0.10	.4542	8/22/2012
2PR00078*DD	September 2012	001	00530	Total Suspended Solids	7D Conc	18.0	52.	9/1/2012
2PR00078*DD	September 2012	001	00530	Total Suspended Solids	7D Qty	0.13	.14762	9/1/2012
2PR00078*DD	September 2012	001	00530	Total Suspended Solids	30D Conc	12.0	50.	9/1/2012
2PR00078*DD	September 2012	001	00530	Total Suspended Solids	7D Conc	18.0	48.	9/22/2012
2PR00078*DD	September 2012	001	00530	Total Suspended Solids	30D Qty	0.08	.14762	9/1/2012
2PR00078*DD	September 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	32.8	9/1/2012
2PR00078*DD	September 2012	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.022	.09311	9/1/2012
2PR00078*DD	September 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2.0	21.15	9/1/2012
2PR00078*DD	September 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	9.5	9/22/2012
2PR00078*DD	September 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.015	.09311	9/1/2012
2PR00078*DD	September 2012	001	80082	CBOD 5 day	7D Conc	15.0	130.	9/1/2012
2PR00078*DD	September 2012	001	80082	CBOD 5 day	7D Qty	0.10	.36904	9/1/2012
2PR00078*DD	September 2012	001	80082	CBOD 5 day	30D Conc	10.0	80.	9/1/2012
2PR00078*DD	September 2012	001	80082	CBOD 5 day	7D Conc	15.0	30.	9/22/2012
2PR00078*DD	September 2012	001	80082	CBOD 5 day	30D Qty	0.07	.36904	9/1/2012
2PR00078*DD	October 2012	001	00530	Total Suspended Solids	30D Conc	12.0	66.	10/1/2012
2PR00078*DD	October 2012	001	00530	Total Suspended Solids	7D Conc	18.0	66.	10/1/2012
2PR00078*DD	October 2012	001	00530	Total Suspended Solids	30D Qty	0.08	.18736	10/1/2012
2PR00078*DD	October 2012	001	00530	Total Suspended Solids	7D Qty	0.13	.18736	10/1/2012
2PR00078*DD	October 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2.0	18.4	10/1/2012
2PR00078*DD	October 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	18.4	10/1/2012
2PR00078*DD	October 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.015	.05223	10/1/2012
2PR00078*DD	October 2012	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.022	.05223	10/1/2012
2PR00078*DD	October 2012	001	80082	CBOD 5 day	30D Conc	10.0	54.	10/1/2012
2PR00078*DD	October 2012	001	80082	CBOD 5 day	7D Conc	15.0	54.	10/1/2012
2PR00078*DD	October 2012	001	80082	CBOD 5 day	30D Qty	0.07	.15329	10/1/2012
2PR00078*DD	October 2012	001	80082	CBOD 5 day	7D Qty	0.10	.15329	10/1/2012

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PR00078 * DD

Facility Name Island House Expiration Date 12-31-15

Facility Location 131 Division St. - Downtown Date 6-20-13 Time 1:00 am (pm)

City Kelleys Island County Erie Township –

Name of Owner Jim Seba Owner Phone (248) 640-4314

Person Contacted – Operator of Record Franklin Sanitation

Flow: Design 2000 GPD WWTP Classification: ✓ A or ___ I

Trib. Pop. 65 seats 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 via CB

✓	None		Mild		Moderate		Serious

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	
✓		Chlorination Tablets
✓		Dechlorination Tablets
		Ultraviolet (U.V.)

Yes No

4. ___ ✓ Compliance with NPDES Permit - Time Period: 1/12 to 6/13

	Y	N	Parameters:
Periodic Violations			
Chronic Violations	✓		TSS, CBODs, Ammonia

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 House

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		Plant Timer ✓ Y ____ N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: light brown Adequate Aeration Y ✓ N
Final Settling	1	Clarifier	OK
	1	Sludge Return	In ✓ Out
	1	Surface Skimmer	In ✓ Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Some weeds
		Polishing Pond	
		Other	
Disinfection	2	Contact Tank / De Chlor	IN 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)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	✓	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	