



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Erie County
Kelleys Island
Island Venture
NPDES

August 19, 2008

Mr. Ray Bauman
Muirwood Village
101 Lands Rush
Sandusky, Ohio 44870

Dear Mr. Bauman:

On July 31, 2008, an initial inspection was made of the recently installed sewerage facilities serving the new Island Venture resort. The plant was in start up mode and being prepared for receiving wastewater. At the time of my visit, the plant has not yet begun to discharge.

The plant appears to be installed according to approved plans. You stated that the plant will be enclosed in a pole barn, and the sand filters fenced.

I would like to take this opportunity to thank you for efforts to bring this project to fruition. With proper operation and maintenance the new treatment plant should produce a high quality final effluent for many years, and enhance local water quality around the Island. I look forward to your continuing cooperation in the future.

Please find enclosed our inspection report. If you have any questions, please feel free to 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
(DSW-NWDO File/white-)

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P000242

Facility Name Island Venture Expiration Date 6-30-12

Facility Address W. Lake Shore Dr Date 7-31-08 Time 10⁰⁰ @ am / pm

City Kelleys Island County Erie Township _____

Name and Address of Owner Ray Bauman

Person Contacted Ray Bauman, 101 Landsrush, Sandusky Owner Phone (919) 706-0637

Flow: Design 5000 GPD Present — GPD (metered - estimated)

Trib. Pop. 31 unit Motel (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	No.	Turbidity	No.	Odor	No.	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: Lake Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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	OUT
_____	_____
_____	_____
_____	_____

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No Plant in Start-up Mode

4. _____ Compliance with NPDES Permit
 Periodic Violations Y N Parameters: _____
 Chronic Violations _____

5. _____ Adequate plant safety to be housed
 6. Operation and Maintenance Service Name Eastwood Environmental
 Frequency of Visits 1/wk

Facility Name: Island Venture

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		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:
	2	Motor / Blower Unit	NO SOLIDS YET
Secondary Treatment	1	Aeration Tank	Color: Adequate Aeration Y <input type="checkbox"/> N <input type="checkbox"/>
Final Settling	1	Clarifier	
	1	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		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	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	