



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: Ottawa County
Erie Islands Resort & Marina
NPDES

August 18, 2009

Mr. John Gronvall, CEO
Erie Island Resort & Marina
4495 West Darr-Hoppfinger Road
Port Clinton, Ohio 43452

Dear Mr. Gronvall:

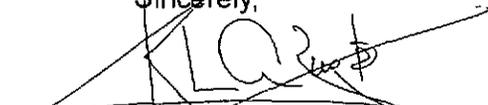
On August 5, 2009, an inspection was made of the wastewater treatment plant serving Erie Islands Resort. Mr. Keith Sparks, Maintenance Manager was also present. At the time of my visit the plant was experiencing serious operational problems. Contents of the entire plant were dark grey/black and septic.

Mr. Henry Biggert, your operator was notified of conditions and reported back that some core plant components have deteriorated to 50 percent or less efficiency. Most notable was the air diffusers, and sludge returns. This would account for the septic conditions due to lack of oxygen. I'm asking that a thorough review of all major treatment plant components be conducted by a qualified service, and report provided with recommended improvements. Mr. Biggert stated that this process has begun. Please notify me when the review is completed and of your intentions to implement its recommendations.

Monthly NPDES discharge monitoring reports indicate chronic ammonia violations since May. A copy of the violations through June is included for your review. Please be aware that chronic NPDES permit violations may subject you to enforcement action from this Agency

I will await your response. Please find enclosed a copy of our inspection report. If there are any errors, or if you have any questions, please call me at (419) 373-3020 or email me at rick.zuzik@epa.state.oh.us .

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

//lr

pc: Ottawa County Health Department
Henry Biggert
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PS00008

Facility Name Erie Islands Resort Expiration Date 11-30-11

Facility Address 4495 W. Darr-Hoppfinger Rd Date 8-5-09 Time 1:45 am pm

City _____ County Ottawa Township Bay

Name and Address of Owner Erie Islands Resort, John Gronvall, CEO (330)565-3163

Person Contacted Keith Sparks Owner Phone (919) 734-9117

Flow: Design 107,500 GPD Present Unknown GPD (metered - estimated)

Trib. Pop. _____ (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: Portage River - Not Observed

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 N/A

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 Compliance with NPDES Permit

Periodic Violations Y N Parameters:
 Chronic Violations Ammonia

5. Adequate plant safety

6. Operation and Maintenance Service

Name Henry Biggart

Frequency of Visits 2x/week

Facility Name: Erie Islands

WASTEWATER TREATMENT FACILITY

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	/	Flow Equalization	IN
Aeration Equipment		Plant Timer ____Y ____N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment		Aeration Tank	Color: Grey/Black Adequate Aeration Y N <input checked="" type="checkbox"/>
Final Settling	/	Clarifier	Grey
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
	/	Other rapid sand filter	
Disinfection	/	Contact Tank	
	/	Chlorine Tube Feeder	
	/	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		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

1/1/09 - 6/28/09

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PS00008*DD	February 2009	601	00530	Total Suspended Solids	1D Qty	7.3	12.4023	2/11/2009
2PS00008*DD	February 2009	601	80082	CBOD 5 day	1D Qty	6.1	8.85879	2/11/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	7.95333	5/1/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	30D Qty	.041	.88008	5/1/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.88	5/6/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	3.58	5/20/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	18.4	5/27/2009
2PS00008*DD	May 2009	601	00610	Nitrogen, Ammonia (NH3	1D Qty	0.61	1.957	5/27/2009
2PS00008*DD	June 2009	601	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	5.925	6/1/2009
2PS00008*DD	June 2009	601	00610	Nitrogen, Ammonia (NH3	30D Qty	.041	.40751	6/1/2009
2PS00008*DD	June 2009	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.33	6/3/2009
2PS00008*DD	June 2009	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	9.52	6/17/2009