



**Environmental
Protection Agency**

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

Re: Ottawa County
Erie Islands Resort & Marina
NPDES

August 17, 2010

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

Dear Mr. Gronvall:

On July 19, 2010, an inspection was made of the wastewater treatment plant serving Erie Islands Resort. Mr. Jeff Lagrou was also present. At the time of my visit, final effluent was acceptable, however, plant improvements started last year need to be completed. Mr. Lagrou stated that approximately one-half of the plant's aeration piping and diffusers were replaced last year, but the remainder needs to be completed. This was evident as the head works of the plant were nearly septic, but recovered as mixed liquor moved forward. This project must be completed in time for next tourist season. Please notify me upon completion.

NPDES permit monthly discharge monitoring reports are being received and a review indicates improved compliance in 2010. However, an unacceptable level of violations remains. A summary of the violations is enclosed to review with your operator. Please be aware that chronic NPDES permit violations may subject you to enforcement action from this Agency

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 at rick.zuzik@epa.state.oh.us.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/lb

pc: Ottawa County Health Department
Henry Biggert
~~INWDO 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 7-19-10 Time 12⁰⁰ am pm

City — County Ottawa Township Bay

Name and Address of Owner John Grenvall, CEO

Person Contacted Jeff Lagrou Owner Phone (330) 565-3163

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

Trib. Pop. — (actual - estimated) Weather at time of inspection: Temp 80° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
2	Moderate	<input type="checkbox"/>	Light Solids	<input type="checkbox"/>	Musty	<input type="checkbox"/>	Grey
3	Serious	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4	Extreme	<input type="checkbox"/>	Heavy Solids	<input type="checkbox"/>	Septic	<input type="checkbox"/>	Black

2. Effect of effluent on Receiving Stream Name: Portage River - Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input type="checkbox"/>	Clear	<input type="checkbox"/>	None	<input type="checkbox"/>	Colorless
1	Mild	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
2	Moderate	<input type="checkbox"/>	Light Solids	<input type="checkbox"/>	Musty	<input type="checkbox"/>	Grey
3	Serious	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4	Extreme	<input type="checkbox"/>	Heavy Solids	<input type="checkbox"/>	Septic	<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No (7/09 - 7/10)

4. — Compliance with NPDES Permit
 Periodic Violations Y — N Parameters: D.O.
 Chronic Violations — Ammonia

5. Adequate plant safety
 6. Operation and Maintenance Service Name Henry Biggert
 Frequency of Visits —

Facility Name: Erie Islands Resort

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 @ EG Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	/	Clarifier	Slight turbid
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
	1	Other Rapid Sand Filter	IN
Disinfection	1	Contact Tank	
	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	IN
		Sludge Drying Bed	
Sludge Disposal	/	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

7/09 - 7/10

Get New Data

Remit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PS00008*DD	August 2009	601	00530	Total Suspended Solids	30D Conc	12	31.	8/1/2009
2PS00008*DD	August 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	15.705	8/1/2009
2PS00008*DD	August 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Qty	.041	.52188	8/1/2009
2PS00008*DD	August 2009	601	31616	Fecal Coliform	30D Conc	1000	2892.50	8/1/2009
2PS00008*DD	August 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	21.7	8/6/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.6	8/10/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.66	8/11/2009
2PS00008*DD	August 2009	601	31616	Fecal Coliform	1D Conc	2000	10000.	8/12/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.47	8/12/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.46	8/13/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	4.33	8/14/2009
2PS00008*DD	August 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	9.71	8/19/2009
2PS00008*DD	August 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.61	1.04377	8/19/2009
2PS00008*DD	August 2009	601	31616	Fecal Coliform	1D Conc	2000	10000.	8/19/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.02	8/19/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	5.89	8/24/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	2.98	8/25/2009
2PS00008*DD	August 2009	601	00530	Total Suspended Solids	1D Conc	18	97.	8/26/2009
2PS00008*DD	August 2009	601	31616	Fecal Coliform	1D Conc	2000	10000.	8/26/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	4.19	8/26/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	5.22	8/27/2009
2PS00008*DD	August 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	5.73	8/28/2009
2PS00008*DD	September 2009	601	00530	Total Suspended Solids	30D Conc	12	14.25	9/1/2009
2PS00008*DD	September 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.78	9/1/2009
2PS00008*DD	September 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Qty	.041	.55664	9/1/2009
2PS00008*DD	September 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.16	9/2/2009
2PS00008*DD	September 2009	601	31616	Fecal Coliform	1D Conc	2000	9600.	9/2/2009
2PS00008*DD	September 2009	601	00300	Dissolved Oxygen	1D Conc	6.0	5.98	9/4/2009
2PS00008*DD	September 2009	601	00530	Total Suspended Solids	1D Conc	18	19.	9/16/2009
2PS00008*DD	September 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	17.4	9/16/2009
2PS00008*DD	September 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.61	.97471	9/16/2009
2PS00008*DD	September 2009	601	00530	Total Suspended Solids	1D Conc	18	23.	9/23/2009
2PS00008*DD	October 2009	601	00530	Total Suspended Solids	30D Conc	12	19.5	10/1/2009

2PS00008*DD	October 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	6.145	10/1/2009
2PS00008*DD	October 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Qty	.041	.3694	10/1/2009
2PS00008*DD	October 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	7.66	10/7/2009
2PS00008*DD	October 2009	601	00530	Total Suspended Solids	1D Conc	18	32.	10/21/2009
2PS00008*DD	October 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.63	10/21/2009
2PS00008*DD	November 2009	601	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.955	11/1/2009
2PS00008*DD	November 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	6.81	11/4/2009
2PS00008*DD	November 2009	601	80082	CBOD 5 day	1D Conc	15	18.	11/18/2009
2PS00008*DD	December 2009	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	4.99	12/1/2009
2PS00008*DD	May 2010	601	31616	Fecal Coliform	1D Conc	2000	10000.	5/12/2010
2PS00008*DD	June 2010	601	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	4.945	6/1/2010
2PS00008*DD	June 2010	601	00610	Nitrogen, Ammonia (NH3)	30D Qty	.041	.20963	6/1/2010
2PS00008*DD	June 2010	601	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	9.89	6/16/2010