



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
Island Club Rentals – Put-in-Bay
NPDES Permit

September 21, 2007

Paul Jeris, President
The Island Club
6547 Scenic Park Oval
Middleburg Heights, OH 44130

Dear Mr. Jeris:

On August 28, 2007, an inspection was made of the wastewater treatment facilities serving the The Island Club. In general, both operation and maintenance of the plant appeared good, and much improved since our last inspection. Our comments and recommendations are as follows:

The new trash trap and additional flow equalization was recently installed in mid July, and appears to have a positive effect. At the time of our visit, all treatment units were in operation and a clear and stable final effluent was observed in the contact tank prior to discharge. All four sand filters were now clean, and disinfection/ dechlorination tablets were in place in the tube feeders.

Your NPDES permit was recently renewed effective August 1st, and will remain effective for a five year period. I was also pleased to see that NPDES permit compliance has improved dramatically since last year. Only a few minor violations were noted thus far in 2007, including two dissolved oxygen violations. I was informed by Ann Scott, your new operator that the post aeration line in the chlorine contact tank was found inoperable and has since been repaired.

I appreciate your commitment to bringing this facility back into compliance. Enclosed is our completed 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

/lb

Enclosure

pc: Ann Scott- IFM
~~DSW-NWDO File~~

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00074

Facility Name Island Club Expiration Date 7-31-12
 Facility Address _____ Date 8-28-07 Time 12⁰⁵ am (pm)
 City Potin-Bay County Ottawa Township Pot-in-Bay
 Name and Address of Owner _____
 Person Contacted Ann Scott Paul Jeris - Owner Phone (216) 898-9951
 Flow: Design 29,000 GPD Present _____ GPD (metered - estimated)
 Trib. Pop. 73 unit (actual estimated) Weather at time of inspection: Temp 85° Clear
 OEPA Personnel RICK ZUZIK District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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 - 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

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 <input checked="" type="checkbox"/>	OUT _____	Chlorination Tablets
<input checked="" type="checkbox"/>	_____	Dechlorination Tablets
_____	_____	U.V.

Yes No _____

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS, DO (MINOR)

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service

Name Ann Scott - IFM / ON SITE STAFF

Frequency of Visits Weekly / Daily

Facility Name: Island Club

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: NEW - Mid July
		Grease Trap	Pumping Frequency:
		Bar Screen	
	1	Generator Flow Splitter	
	1	Flow Equalization	NEW - Mid July
Aeration Equipment	2	Plant Timer. <u>Y.</u> <input checked="" type="checkbox"/> <u>N</u>	Cycle Time:
	2	Motor/Blower Unit	1 New Blower
Secondary Treatment	4	Aeration Tank (2 plants) 17,000 & 12,000 GPH	Color: Chocolate - Brown Adequate Aeration: <u>Y.</u> <input checked="" type="checkbox"/> <u>N</u>
Final Settling	2	Clarifier	Clear
	2	Sludge Return	In <input checked="" type="checkbox"/> Out
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	all cleaned
		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	2	Raw Wastewater (type)	Grinders
		Sand Filter Effluent Dosing	
Sludge Handling	2	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	1	Post Aeration	in a 12 tank
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00074*BD	January 2007	001	00400	pH	1D Conc	6.5	6.3	1/8/2007
2PR00074*BD	February 2007	001	00530	Total Suspended Solids	30D Conc	12	17	2/1/2007
2PR00074*BD	July 2007	001	00300	Dissolved Oxygen	1D Conc	6.0	5.51	7/5/2007
2PR00074*BD	July 2007	001	00300	Dissolved Oxygen	1D Conc	6.0	4.5	7/10/2007