



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
South Bass Island
Island Club Rentals
NPDES Permit

August 28, 2009

Mr. Paul Jeris, President
The Island Club
6547 Scenic Park Oval
Middleburg Heights, Ohio 44130

Dear Mr. Jeris:

On August 11, 2009, an inspection was made of the wastewater treatment facilities serving the Island Club. In general, both operation and maintenance of the plant appeared very good. My comments and recommendations are as follows:

At the time of our visit, both treatment units were in operation and a very clear and stable final effluent was observed in the contact tank prior to discharge. All four sand filters were clean, and disinfection/ dechlorination tablets were in place in the tube feeders. A review of NPDES permit discharge monitoring reports since the beginning of the year indicated violations, primarily in April and May. A copy of the violations is enclosed to review with your operator.

I appreciate your commitment to much improved operation and maintenance at this facility. Mr. Carnahan's daily visits are noticeable, especially with sand filter care. Enclosed is our completed inspection report. If you have any questions, please call me at (419) 373-3020, or email at rick.zuzik@epa.state.oh.us

Sincerely,

Rick Zuzik, MSE
Division of Surface Water

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Enclosure

pc: DSW-NWDO File 7
Ottawa County Health Department

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 Put-in-Bay Rd Date 8-11-09 Time 10¹⁰ (am) (pm)

City S. Bass Island County Ottawa Township PIB

Name and Address of Owner Paul Jeris, Pres.

Person Contacted none Owner Phone (216) 898-9951

Flow: Design 29,000 GPD Present _____ GPD (metered - estimated)

Trib. Pop. 73 units (actual - estimated) Weather at time of inspection: Temp 75° Cloudy

OEPA Personnel Bick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. - in contact tank

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: L. 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	OUT
<u>/</u>	<u>/</u>
_____	_____
_____	_____
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	Ultraviolet (U.V.)

Yes No 11/1/09 - 7/28/09

4. / Compliance with NPDES Permit
 Periodic Violations Y N Parameters: CBOD, TSS, Ammonia
 Chronic Violations _____

5. / Adequate plant safety

6. / Operation and Maintenance Service Name IFM, Bill & Ronna - Daily
 Frequency of Visits 1/wks - IFM

Facility Name: Island Club

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization	IN
Aeration Equipment		Plant Timer <u>Y</u> / <u>N</u>	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	4	Aeration Tank <i>2 plants</i>	Color: <i>Med Brown</i> Adequate Aeration <u>Y</u> / <u>N</u>
Final Settling	2	Clarifier	<i>Good Settling</i>
	4	Sludge Return	In <u> </u> / Out <u> </u>
	2	Surface Skimmer	In <u> </u> / Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	<i>Well Kept</i>
		Polishing Pond	
		Other	
Disinfection	2	Contact Tank <i>Cl² + Dechlor</i>	IN <i>very clear</i>
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	2	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	IN
		Spray Irrigation	
		Other	

1/1/09 - 7/28/09

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00074*CD	January 2009	001	80082	CBOD 5 day	30D Conc	10	14.1	1/1/2009
2PR00074*CD	April 2009	001	80082	CBOD 5 day	30D Conc	10	19.	4/1/2009
2PR00074*CD	April 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	1.1	4/3/2009
2PR00074*CD	April 2009	001	80082	CBOD 5 day	1D Conc	15	19.	4/8/2009
2PR00074*CD	April 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.1	4/8/2009
2PR00074*CD	May 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2	6.86	5/1/2009
2PR00074*CD	May 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	.25002	5/1/2009
2PR00074*CD	May 2009	001	00530	Total Suspended Solids	1D Conc	18	24.	5/6/2009
2PR00074*CD	May 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	3.14	5/6/2009
2PR00074*CD	May 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	3	13.6	5/12/2009
2PR00074*CD	May 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.33	.49468	5/12/2009
2PR00074*CD	June 2009	001	00400	pH	1D Conc	6.0	5.72	6/24/2009
2PR00074*CD	July 2009	001	00530	Total Suspended Solids	1D Conc	18	28.	7/15/2009
2PR00074*CD	July 2009	001	00530	Total Suspended Solids	1D Qty	2.0	2.3358	7/15/2009