



**Environmental
Protection Agency**

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

Re: Erie County
Kelleys Island State
Park Campground
NPDES Permit

August 18, 2010

Mr. John Hunter, Acting Chief
Ohio Department of Natural Resources
Division of Parks and Recreation
2045 Morse Road, Building C-3
Columbus, Ohio 43229

Dear Mr. Hunter:

On July 21, 2010, an inspection was made of the wastewater treatment facilities serving the Kelleys Island State Park Campground. In general, both operation and maintenance appeared very good. At the time of my visit, all major treatment components were in operation and a very clear final effluent was observed being discharged to the North Pond. Two of the sand filters contained weeds and should be cleaned. Also, the effluent weir in the clarifier appeared slightly uneven and should be leveled.

We received your NPDES permit renewal application and you will be receiving a draft copy of the permit in the near future. You should review it carefully, as there is a 30 day comment period to respond to any permit conditions. Once issued as a final document, it will remain in effect for another five year period. Please continue to operate under the current permit until such time the renewal becomes effective.

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,



Richard A. Zuzik, MSE
Division of Surface Water

/lb

pc: Steve Myoski, Lake Erie Islands Office
Erie County Health Department
NWDO file

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. AP000092

Facility Name K.I. State Park Expiration Date 8-31-10 (Renewal drafted)

Facility Address Division Street Date 7-21-10 Time 11:30 (am) (pm)

City Kelley's Island County Erie Township -

Name and Address of Owner ODNR

Person Contacted none Owner Phone (614) 265-6561

Flow: Design 20,000 GPD Present GPD (metered - estimated)

Trib. Pop. 129 sites (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: N. Pond

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

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>
<u> </u>	<u> </u>
<u>✓</u>	<u> </u>
	Chlorination Tablets
	Dechlorination Tablets
	Ultraviolet (U.V.)

Yes No Not Evaluated

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

5. ✓ Adequate plant safety
 6. ✓ Operation and Maintenance Service

Name Steve Myski
 Frequency of Visits 1/WK

Facility Name: KI State Park

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
	1	Bar Screen - Bypass	
	1	Comminutor	IN
	1	Flow Equalization	IN
Aeration Equipment		Plant Timer ___Y ___N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	4	Aeration Tank	Color: Brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	2	Clarifier	good settling weir slightly uneven
	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	2 weeded
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	1	Ultraviolet (UV)	IN
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
	<input checked="" type="checkbox"/>	Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	IN
		Spray Irrigation	
		Other	