



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Re: Erie County  
Kelleys Island State  
Park Campground  
NPDES Permit

July 11, 2013

Ms. Melissa Taylor, Operations  
Ohio Department of Natural Resources  
Division of Parks and Recreation  
2045 Morse Road, Building C-3  
Columbus, Ohio 43229-6693

Dear Ms. Taylor:

On June 20, 2013, an inspection was made of the wastewater treatment facilities serving the Kelleys Island State Park Campground. Mr. Lee Tkach was present and provided information on plant operations. In general, both operation and maintenance appeared 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.

We were recently notified by Mr. Ken Griffith, your operator of record, that due to personnel limitations, he has been unable to meet the minimum required visits of two/week as indicated in the National Pollutant Discharge Elimination System (NPDES) permit. Mr. Tkach informed me that he has been performing all operation and maintenance duties this entire season, and also that he plans on retiring this fall.

NPDES permit discharge monitoring reports are being received in a timely manner and a review indicated periodic suspended solids violations in the summer/fall of 2012.

Please inform this office in writing within 10 days as to the actions that will be taken to address the minimum staffing requirements.

Enclosed is my completed inspection report. I will be making additional visits during the summer season to observe the plant under midseason operating conditions. If you have any questions, please call me at (419) 373-3020, or email at [rick.zuzik@epa.ohio.gov](mailto:rick.zuzik@epa.ohio.gov).

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/jlm

Enclosure

pc: ODNR- Lake Erie Islands Office  
Erie County Health Department  
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION  
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PP00092

Facility Name KI State Park Expiration Date 11-30-15  
 Facility Location Division St Date 6-20-13 Time 12<sup>00</sup> am  am  pm  
 City Kelleys Island county Erie Township \_\_\_\_\_  
 Name of Owner ODNR - Div. of Parks & Rec Owner Phone (419) 734-4424  
 Person Contacted Lee Tkach Operator of Record Ken Griffith  
 Flow, Design 20,000 GPD WWTP Classification: A or I  
 Trib. Pop. 129 sites (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	Turbidity	Odor	Color
<input checked="" type="radio"/> 0	None	Clear	None	Colorless
<input type="radio"/> 1	Mild			
<input type="radio"/> 2	Moderate	Light Solids	Musty	Grey
<input type="radio"/> 3	Serious			
<input type="radio"/> 4	Extreme	Heavy Solids	Septic	Black

2. Effect of Effluent on Receiving Stream - Name: North Pond

<input checked="" type="radio"/> None	<input type="radio"/> Mild	<input type="radio"/> Moderate	<input type="radio"/> Serious
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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

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
<input checked="" type="checkbox"/>	_____ Ultraviolet (U.V.)

Yes No

4.  Compliance with NPDES Permit - Time Period: 1/12 to 6/13

Periodic Violations  Y  N Parameters: Total Suspended Solids  
 Chronic Violations \_\_\_\_\_

5.  O & M logbook kept and available on site: Location Blower Bldg - log kept by Lee Tkach

6.  Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)  
 (Class I - 3 days per week for minimum 1.5 hours per week)

7.  Adequate Plant Safety: Deficiencies \_\_\_\_\_

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	
	1	Comminutor	IN
	1	Flow Equalization	IN
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: 45 on / 15 off
	2	Motor / Blower Unit	
Secondary Treatment	4	Aeration Tank	Color: Brown Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
	2	Clarifier	Clear
Final Settling	2	Sludge Return	In <input checked="" type="checkbox"/> Out
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
	4	Surface Sand Filter	Well Kept
Tertiary Treatment		Polishing Pond	
		Other	
		Contact Tank	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	1	Ultraviolet (UV)	IN
		Elapsed Pump Time	
Flow Metering		Recorder (continuous total)	
		Raw Wastewater (type)	
Pumps		Sand Filter Effluent Dosing	
		Aerated Storage Tank	
Sludge Handling		Sludge Drying Bed	
		Municipal PDTW	
Sludge Disposal		Landfill	
		Land Application	
		Post Aeration	
Advanced Treatment		Spray Irrigation	
		Other	