



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

Re: Ottawa County
Sandy Shores Association II
NPDES Permit

August 2, 2013

Mr. Dave Sorg, President
Sandy Shores Association II
1793 South Bay Drive
Port Clinton, Ohio 43452

On July 17, 2013, an inspection was made of the wastewater treatment facilities serving Sandy Shores Association II. In general, both operation and maintenance were good and a very clear final effluent was observed being discharged into Sandusky Bay. The surface sand filters were well kept, despite recent heavy storm events.

The Association has been operating the wastewater treatment plant (WWTP) under a National Pollutant Discharge Elimination System (NPDES) permit, effective July 1, 2010. Along with requirements for monitoring the plant, the permit also contains a Schedule of Compliance allowing up to four years to either replace the existing plant, or abandon it and tap into municipal sanitary sewers.

At the time of the permit issuance, Ottawa County planned a sanitary sewer extension on Lockwood Road to serve a large housing project, which has long since been abandoned. This option is no longer available. You informed me of numerous improvements made at the treatment plant and to the sanitary sewer collection system, reducing clean water infiltration, which has resulted in improved performance and NPDES permit compliance.

A review of NPDES discharge monitoring reports since July 1, 2010, the effective date of the permit, indicate only six minor final effluent violations in the first three years of reporting and full compliance thus far in 2013.

You stated that you are now in the process of replacing the plant enclosure and are committed to continuing to improve the existing facility instead of replacing it. In light of substantial NPDES permit compliance and improvements made, we are willing to consider the ongoing operation of the existing facilities.

Mr. Dave Sorg
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Please submit a response to this letter within 45 days documenting all the treatment plant and collection system improvements that have been made, as well as any proposed improvements. We both agreed that the clarifier outlet weir was severely rusted and needed to be replaced with a V-notched weir. I will review the documentation of plant and collection system improvements and notify you of our decision on the remaining milestones in your compliance schedule.

Enclosed is a copy of our inspection report. If you have any questions, please call me at (419) 373-3020, or email at rick.zuzik@epa.ohio.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Zuzik", is written over a horizontal line. The signature is somewhat stylized and partially obscured by a diagonal line crossing through it from the top left to the bottom right.

Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosure

pc: Ottawa County Health Department
Henry Biggert, ORC

ec: Tracking

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

NPDES Permit No. 2PRO00257 *AD

Facility Name Sandy Shores Assn. II Expiration Date 6-30-15
 Facility Location S. Bay Rd, east side of Anderson Date 7-17-13 Time 11³⁰ AM DM.
 City _____ County Ottawa Township Portage
 Name of Owner Same, Dave Sorg, Pres. Owner Phone (419) 734-5248 or 391-0526
 Person Contacted Dave Sorg Operator of Record Henry Biggert
 Flow. Design 7500 GPD WWTP Classification: A or I
 Trib. Pop. 22 units/homes (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	Turbidity	Odor	Color
<input checked="" type="radio"/> 0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
<input type="radio"/> 1	Mild			
<input type="radio"/> 2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
<input type="radio"/> 3	Serious			
<input type="radio"/> 4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

2. Effect of Effluent on Receiving Stream - Name: Sandyky Bay

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Mild	<input type="checkbox"/> Moderate	<input type="checkbox"/> 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
<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 _____

4. Compliance with NPDES Permit - Time Period: 7/10 to 7/13

Periodic Violations Y N Parameters: NH₃, TSS, CBOD₅

Chronic Violations _____

5. O & M logbook kept and available on site: Location _____

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 Replacing building and stairs

Facility Name: Sandy Shores II

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	1	Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Station Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: New electrical box
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Rich Brown Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	Good Settling Weir - severely rusted
		Sludge Return	In / Out
		Surface Skimmer	In / Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Well Kept
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Very clear
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Dumps		Raw Wastewater (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	