



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Ottawa County
St. Hazards Resort
NPDES Permit

June 28, 2010

Mr. Ed Gudenas, Owner
St. Hazards Resort
24555 Lake Shore Boulevard
Cleveland, Ohio 44123-1226

Dear Mr. Gudenas:

On June 10, 2010, an inspection was made of the wastewater treatment plant serving St. Hazards Resort, Middle Bass Island. At the time of my visit, I found the plant recovering from a lightning strike. The motor/blowers were knocked out, and subsequently the plant went septic. Stan Gebhardt, your operator informed me that repairs were made and conditions are much improved. Despite the problems, final effluent appeared clear in the ultraviolet channel. I will be making follow up visits throughout the summer to observe the plant under normal operating conditions.

Please find enclosed our completed inspection report. If any of the above is in error, or 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

/llr

pc: Ottawa County Health Department
Mr. John Oleska
Mr. Stan Gebhardt
DSW:NWDO.File }

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PRO0117

Facility Name St Hazards Expiration Date 2-28-13

Facility Address Fox Rd Date 6-10-10 Time 12:30 am pm

City Middle Bass Island County Ottawa Township PIB

Name and Address of Owner Ed Gudenas, Assn Pres

Person Contacted - Owner Phone (800) 837-5211

Flow: Design 70,000 GPD Present - GPD (metered - estimated)

Trib. Pop. - (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	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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: Lake Erie via force main (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>
<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 - - Parameters:
 Chronic Violations - -

5. ✓ Adequate plant safety

6. - - Operation and Maintenance Service Name -
 Frequency of Visits -

Facility Name: St Hazards

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	1	Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization	1/10
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	4	Aeration Tank	Color: <i>light gray</i> Adequate Aeration Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Final Settling	1	Clarifier	
	2	Sludge Return	In _____ Out _____
	2	Surface Skimmer	In _____ Out _____
		Fixed Media Clarifier	
Tertiary Treatment	6	Surface Sand Filter	2 in use <i>weeded</i>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	1/10
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	1	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
	1	Other <i>Effluent pump station</i>	



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Re: Ottawa County
Middle Bass Island
St. Hazards Resort
NPDES Permit

August 17, 2009

Mr. Ed Gudenas, Owner
St. Hazards Resort
24555 Lake Shore Boulevard
Cleveland, Ohio 44123-1226

Dear Mr. Gudenas:

On July 23, 2009, an inspection was made of the wastewater treatment plant serving St. Hazards Resort. At the time of my visit, both operation and maintenance appeared fair. I was pleased to observe a clear final effluent being discharged through the ultraviolet channel. All the surface sand filters were moderately weeded and should be cleaned.

Monthly discharge monitoring reports are being submitted in a timely manner and indicate full compliance since the beginning of the year. It's evident that the more frequent maintenance visits have had a positive effect on plant performance and NPDES permit compliance. I appreciate your support and look forward to your continued cooperation.

Please find enclosed our completed inspection report. If any of the above is in error, or 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
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