



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
S. Bass Island
The Skyway
NPDES Permit

August 28, 2009

Ms. Susan Thwaite, Owner
The Skyway
P.O. Box 217
Put-in-Bay, Ohio 43456

Dear Ms. Thwaite:

On August 11, 2009, an inspection was made of the wastewater treatment facilities serving The Skyway. In general, both operation and maintenance appeared good. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed in the chlorine contact tank. Maintenance of the surface sand filters was much improved, and disinfection and dechlorination tablets were in the tube feeders. Mr. Mike Mewhorter is now overseeing plant operations, and the improvements are noticeable.

NPDES permit monthly discharge monitoring reports are now being received and indicate much improved compliance with only two minor violations reported this operating season.

Previous noncompliance with all NPDES permit monitoring and reporting requirements still remains unresolved. Please be aware that we have initiated enforcement proceedings in order to resolve this outstanding issue.

Please find enclosed my 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

/csl

pc: Ottawa County Health Department
DSW, NWDO file

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR 00222

Facility Name The Skyway Expiration Date: 9-30-10

Facility Address Tri Motor Drive Date 8-11-09 Time 11³⁰ (am) / (pm)

City S. Bass Island County Ottawa Township PIB

Name and Address of Owner Susan Thwaite, P.O. Box 217, PIB

Person Contacted NONE Owner Phone (419) 285-9321

Flow: Design 10,600 GPD Present unknown GPD (metered - estimated)

Trib. Pop. 100 seat food service, 8 condos (actual) - estimated Weather at time of inspection: Temp 80° clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. - In Contact Tank

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

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

4. ✓ Compliance with NPDES Permit
 Periodic Violations Y N Parameters: TSS, Cl² residual
 Chronic Violations _____

5. ✓ Adequate plant safety
 6. ✓ Operation and Maintenance Service Name Mike Mewhorter
 Frequency of Visits _____

Facility Name: SKylway

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: <i>Choc Brown</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	/	Clarifier	<i>Good Settling</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>much improved</i>
		Polishing Pond	
		Other	
Disinfection	/	Contact Tank	<i>Very clear</i>
		Chlorine Tube Feeder	<i>IN</i>
		Dechlorination Tube Feeder	<i>IN</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Impacts		Raw Wastewater (type)	
		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	