



**Environmental
Protection Agency**

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

Re: Ottawa County
South Bass Island
Saunders Cottages
NPDES Permit

September 22, 2010

Mr. Bill Kowalski
Saunders Cottages
P.O. Box 70
Put-in-Bay, OH 43456

Dear Mr. Kowalski:

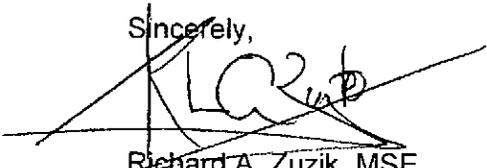
On September 14, 2010, an inspection was made of the wastewater treatment facilities serving Saunders Cottages. In general, both operation and maintenance of the plant appeared good. Our comments and recommendations are as follows:

At the time of my visit, all major treatment components were in operation and a very clear final effluent was observed being discharged from the plant. Monthly NPDES discharge monitoring reports are being received and violations were reported during the month of August. Enclosed is a copy of the violations to review with your operator.

Your NPDES permit expires on March 31, 2011, and we have received your NPDES renewal application. You will be receiving a draft copy of the permit in the future, and you should review it carefully, as there is a 30 day comment period to respond to any permit conditions.

I appreciate your support and efforts in properly operating and maintaining your facility. Enclosed is 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

/lb
Enclosure

pc: ~~DSW-NWDO-File~~
Ottawa County Health Department

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00133

Facility Name Saunders Cottages Expiration Date 3-31-11

Facility Address 1495 Catawba Ave Date 9-14-10 Time 10:40 (am) (pm)

City S. Bass Island County Ottawa Township P.B.

Name and Address of Owner Delores Kowalski

Person Contacted - Owner Phone (419) 285-3917

Flow: Design 4500 GPD Present - GPD (metered - estimated)

Trib. Pop. 16 cottages (actual - estimated) Weather at time of inspection: Temp 75° Clear

OEPA Personnel Rick Zuzik District NWDD

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<u>/</u>	Clear	<u>/</u>	None	<u>/</u>	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: L. Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<u>/</u>	Clear	<u>/</u>	None	<u>/</u>	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 (5/10 - 8/10)

4. / Compliance with NPDES Permit

Periodic Violations Y / N Parameters: Ammonia, CBOD
 Chronic Violations -

5. / Adequate plant safety No fence

6. / Operation and Maintenance Service

Name Rob Strahm

Frequency of Visits -

Facility Name: Saunders Cottages

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	/	Plant Timer <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	/	Aeration Tank	Color: <i>Rich brown</i> Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	/	Clarifier	<i>scum covered</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>Some weeds</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)	
Pumps	2	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00133*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	5.42	8/1/2010
2PR00133*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.02	.06154	8/1/2010
2PR00133*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.03	.06154	8/1/2010
2PR00133*BD	August 2010	001	80082	CBOD 5 day	30D Conc	10	20.	8/1/2010
2PR00133*BD	August 2010	001	80082	CBOD 5 day	30D Qty	0.17	.2271	8/1/2010
2PR00133*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	5.42	8/3/2010
2PR00133*BD	August 2010	001	80082	CBOD 5 day	1D Conc	15	20.	8/3/2010