



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Road  
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[www.epa.state.oh.us](http://www.epa.state.oh.us)

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

Re: Ottawa County  
S. Bass Island  
S. Bass Island State Park  
NPDES Permit

August 13, 2008

Mr. Scott Doty, Park Manager  
South Bass Island State Park  
4049 E. Moores Dock Road  
Port Clinton, OH 43452

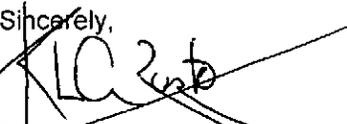
Dear Mr. Doty:

On July 8, 2008, an inspection was made of the sewerage facilities serving the South Bass Island State Park. Mr. Stan Gephardt, your operator was also present and provided information on plant operations. At the time of my visit both operation and maintenance were very good, and a very clear final effluent was observed being discharged from the plant.

NPDES permit discharge monitoring reports are being received in a timely manner; however, upon review I have noted periodic ammonia concentration violations. A copy of the violations is enclosed for you to review with Mr. Gephardt.

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](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,



Richard A. Zuzik, MSE  
Division of Surface Water

/lb

pc: Ottawa County Health Dept.

NWDO file

Facility Name: S. Bass Island State Park

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00045

Facility Name S. Bass Island State Park Expiration Date 6-30-09  
 Facility Address Catawba Date 7-8-08 Time 9:30 (am/pm)  
 City - County Ottawa Township Pot-in-Bay  
 Name and Address of Owner ODNR  
 Person Contacted Stan Gephart, Operator Owner Phone (419) 797-9530  
 Flow: Design 20,000 GPD Present 15-20,000 GPD (metered estimated)  
 Trib. Pop. 135 camp sites (actual estimated) Weather at time of inspection: Temp 85° Cloudy  
 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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	_____
<input checked="" type="checkbox"/>	_____
_____	_____

Chlorination Tablets  
 Dechlorination Tablets  
 U.V.

4.  Yes  No Compliance with NPDES Permit (1/1/07 - 5/28/08)  
 Periodic Violations  Y  N Parameters: Ammonia  
 Chronic Violations \_\_\_\_\_

5.  Adequate plant safety  
 6.  Operation and Maintenance Service Name Stan Gephart  
 Frequency of Visits 4/week

1/07 - 6/08

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00045*BD	June 2007	001	00610	Nitrogen, Ammonia (NH 30D Conc		1.0	15.1	6/1/2007
2PP00045*BD	June 2007	001	00610	Nitrogen, Ammonia (NH 7D Conc		1.5	15.1	6/8/2007
2PP00045*BD	June 2007	001	00610	Nitrogen, Ammonia (NH 30D Qty		0.08	.2469	6/1/2007
2PP00045*BD	June 2007	001	00610	Nitrogen, Ammonia (NH 7D Qty		0.11	.2469	6/8/2007
2PP00045*BD	May 2007	001	50060	Chlorine, Total Residu 1D Conc		0.038	.14	5/7/2007
2PP00045*BD	July 2007	001	00610	Nitrogen, Ammonia (NH 30D Conc		1.0	2.28	7/1/2007
2PP00045*BD	July 2007	001	00610	Nitrogen, Ammonia (NH 7D Conc		1.5	2.28	7/15/2007
2PP00045*BD	July 2007	001	00400	pH	1D Conc	6.5	6.22	7/17/2007
2PP00045*BD	May 2008	001	00610	Nitrogen, Ammonia (NH 30D Conc		1.0	14.6	5/1/2008
2PP00045*BD	May 2008	001	00610	Nitrogen, Ammonia (NH 7D Conc		1.5	14.6	5/22/2008
2PP00045*BD	May 2008	001	31616	Fecal Coliform	30D Conc	1000	2800.	5/1/2008
2PP00045*BD	May 2008	001	31616	Fecal Coliform	7D Conc	2000	2800.	5/22/2008