



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
South Bass Island
Fox's Den
NPDES Permit

August 28, 2009

Mr. Richard Fox, Owner
Fox's Den Campground
P.O. Box 345
Put-in-Bay, Ohio 43456

Dear Mr. Fox:

On August 11, 2009, an inspection was made of the wastewater treatment facilities serving Fox's Den Campground. In general, both operation and maintenance of the plant appeared fair. Our comments and recommendations are as follows:

At the time of my visit, a slightly turbid final effluent was observed in the contact tank prior to discharge. A major deficiency which needs to be addressed prior to next operating season is the replacement of the outlet weir in the clarifier. I found the bottom of the weir completely rotted out. Please inform me in writing within 30 days of your plans to replace the weir.

Monthly NPDES discharge monitoring reports are being received and a review since the beginning of the year has indicated ammonia and bacteria violations in July. A copy of the violations is enclosed.

Your NPDES permit expires March 31, 2010, and as of this date, we have not received the necessary renewal application forms. Arrangements should be made to have the renewal forms submitted as soon as possible. Following receipt of the application, we will be issuing a draft copy of the permit renewal. You should review it carefully, as there is a 30 day comment period to respond to any permit conditions. On issued as a final document, it will remain in effect for another five year period.

I will await your response. 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

/csl

Enclosure

pc: Eastwood Environmental
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. APR00207

Facility Name Fox's Den Campground Expiration Date 3-31-10

Facility Address Coolan Rd Date 8-11-09 Time 1145 (am/pm)

City S. Bass Island County Ottawa Township PIB

Name and Address of Owner Ken Fox, P.O. Box 345, PIB

Person Contacted none Owner Phone _____

Flow: Design 5000 GPD Present unknown 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
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild	<input checked="" type="checkbox"/>	Slight				
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) OUTLET WEIR
ROOTED OUT

Disinfection: (Required May 1 thru Oct. 31)		
IN	OUT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Ultraviolet (U.V.)

Yes No

1/1/09 - 7/28/09

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: Ammonia, bacteria

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service

Name Castwood Environmental

Frequency of Visits 1/wk

Facility Name: Fox's Den

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	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 Motor / Blower Unit	Cycle Time:
Secondary Treatment	1	Aeration Tank	Color: <u>Brown</u> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	Outlet weir rotted out
	1	Sludge Return	In <input checked="" type="checkbox"/> Out
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	OK some weeds
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	IN
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Flow Meters		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	



State of Ohio Environmental Protection Agency

STREET ADDRESS:

MAILING ADDRESS:

Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

P.O. Box 1049
Columbus, OH 43216-1049

Preliminary Compliance Report

Facility: Foxs Den Campground

Permit No.: 2PR00207*AD

Report Period: July 2009

Date Received: 8/20/2009

Station	Type	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
001	Limit	7/6/2009	00610	Nitrogen, Ammonia (NH3)	Daily Load	0.03	.12623
001	Limit	7/6/2009	00610	Nitrogen, Ammonia (NH3)	Daily Conc.	1.5	6.67
001	Limit	7/1/2009	00610	Nitrogen, Ammonia (NH3)	Monthly Load	0.02	.06709
001	Limit	7/1/2009	00610	Nitrogen, Ammonia (NH3)	Monthly Conc.	1.0	3.545
001	Limit	7/1/2009	31648	E. coli	Monthly Conc.	126	3700.

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