



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

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

March 26, 2007

**Re:** Pike County  
Pike Lake State Park  
Ohio EPA Permit No. OPP00024\*BD  
NPDES Permit No. OH0037699  
Correspondence (IWW)

Mr. Jeff Boester, Park Manager  
Pike Lake State Park  
1847 Pike Lake Road  
Bainbridge, Ohio 45612

Dear Mr. Boester:

On Tuesday, January 16, 2007, Jack Knapp and I conducted a pre-permit compliance evaluation inspection at the Pike Lake State Park Wastewater Treatment Plant (WWTP) located at 1847 Pike Lake Road in Bainbridge, Ohio. The purpose of the inspection was to determine if the treatment plant was meeting the terms and conditions set forth in the NPDES permit.

The following were concerns which arose during the inspection.

- At the time of the inspection, the plant appeared to be at the optimal operating condition. However, at the time of the inspection only the rental cabins were occupied. A follow-up inspection during a busy time may be required to observe the WWTP during representative operation.
- We have received your self-monitoring report covering the period of January 2006 to March 2007 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The majority of violations appear to be exceedences of the Total Residual Chlorine limit. These violations could be avoided with the installation of a dechlorination unit following the chlorination unit. Please remember the installation of a dechlor unit is required by September of 2008 per Part I. C. of the current permit. Also, no work on the Inflow & Infiltration (I/I) problem in the collection system had been conducted since the last inspection. Influent flows exceeding the design flow of the WWTP could be short-circuiting the plant and causing the TSS violation. Some investigation should be conducted to ascertain the origin of the I/I, followed by corrective action.

The specific instances of noncompliance and/or deficiencies are as follows:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
<b>2006</b>						
March	001	Total Suspended Solids	1D Qty	2.05	2.75	3/16/2006
May	001	Chlorine, Total Residual	1D Conc	0.5	0.65	5/8/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.61	5/9/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.54	5/18/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.62	5/19/2006
	001	Chlorine, Total Residual	1D Conc	0.5	1.07	5/23/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.57	5/26/2006
June	001	Chlorine, Total Residual	1D Conc	0.5	0.57	6/6/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.55	6/12/2006
	001	Fecal Coliform	1D Conc	2000	6000	6/22/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.59	6/28/2006
July	001	Chlorine, Total Residual	1D Conc	0.5	0.58	7/6/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.74	7/11/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.94	7/12/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.6	7/19/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.58	7/20/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.81	7/21/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.53	7/24/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.56	7/31/2006
August	001	Chlorine, Total Residual	1D Conc	0.5	0.54	8/7/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.63	8/17/2006
	001	Fecal Coliform	1D Conc	2000	10000	8/31/2006
September	001	Total Suspended Solids	30D Qty	0.909	2.15	9/1/2006
	001	CBOD 5 day	30D Qty	0.757	2.18	9/1/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.67	9/8/2006
	001	Total Suspended Solids	1D Qty	1.37	4.27	9/14/2006
	001	CBOD 5 day	1D Qty	1.14	4.267	9/14/2006
October	001	Total Suspended Solids	30D Qty	0.909	4.35	10/1/2006
	001	CBOD 5 day	30D Qty	0.757	2.61	10/1/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.52	10/10/2006
	001	Total Suspended Solids	1D Qty	1.37	8.32	10/19/2006
	001	CBOD 5 day	1D Qty	1.14	4.99	10/19/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.77	10/25/2006
	001	Chlorine, Total Residual	1D Conc	0.5	0.99	10/26/2006
<b>2007</b>						
February	001	Total Suspended Solids	30D Qty	1.37	2.35	2/1/2007
	001	Total Suspended Solids	1D Qty	2.05	4.47	2/15/2007

Please inform this office, in writing, within thirty (30) days of receipt of this notification as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

A copy of our inspection form is enclosed with this letter. If you have any questions or comments, please contact me at (740) 380-5226.

Sincerely,



Patrick Hudnall  
District Representative  
Division of Surface Water

PH/dh

Enclosure

c: Matt Lewis, WWTP Operator

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPP00024	OH0037699	January 16, 2007	C	S	1

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Pike Lake State Park WWTP	1:00	March 1, 2006
	Exit Time	Permit Expiration Date
	1:45	February 28, 2011

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Matt Lewis, Operator	740-493-2212
Name, Address and Title of Responsible Official	Phone Number
Jeff Boester, Park Manager	740-493-2212

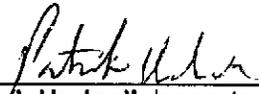
**C. AREAS EVALUATED DURING INSPECTION**

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>N</u> Pretreatment
<u>S</u> Records/Reports	<u>N</u> Laboratory	<u>S</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>N</u> Sludge Storage/Disposal	<u>   </u> Other
<u>M</u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated)

**D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)**

See attached inspection letter

  
\_\_\_\_\_  
Patrick Hudnall, Inspector, Ohio EPA, Southeast District Office

3/30/07  
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Date

  
\_\_\_\_\_  
Timothy M Campbell, Reviewer, Ohio EPA, Southeast District Office

3/30/07  
\_\_\_\_\_  
Date