



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Fulton County
Harrison Lake State Park
NPDES Permit

May 2, 2011

Mr. James O'Brien
Assistant Parks Manager
Harrison Lake State Park
26246 Harrison Lake Road
Fayette, Ohio 43521

Dear Mr. O'Brien:

On April 21 2011, an operation and maintenance inspection was made of the wastewater treatment facilities serving the Harrison Lake State Park. Mr. Jay Keller, park maintenance, was present and provided information on the operation and maintenance of the facility. The facility is located at 26246 Harrison Lake Road, Gorham Township, Fulton County. At the time of inspection the plant was operating and in good condition. The discharge observed into Mill Creek was clear with no noticeable odor.

A review of the Discharge Monitoring Reports (DMRs) from June 2010, to April 2011, shows that there have been several permit effluent limit violations. The specific instances of noncompliance are attached on a separate sheet.

Our completed inspection report is enclosed for your review. If there are any questions, please contact me at (419) 373-3053.

Sincerely,

Ryan Gierhart
Division of Surface Water

/lir

Enclosure

pc w/enclosure:  DSW: NWDO: File 
Rick Beals

State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PP00001	OH0036170	04/21/2011	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Harrison Lake State Park 26246 Harrison Lake Road Fayette, OH	2:30 pm	August 1, 2006
	Exit Time	Permit Expiration Date
	3:30 pm	July 31, 2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Jay Keller, park maintenance	(419) 238 - 1503	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Rick Beals, Operator 1821 North Court Street Bryan, OH 43506	(419) 553 - 0957	
Name, Address and Title of Responsible Official	Phone Number	
Mr. James O'Brien - Assistant Parks Manager Harrison Lake State Park 26246 Harrison Lake Road Fayette, OH 43521 - 9751	(419) 238 - 1503	

Ohio EPA Inspector		Ohio EPA Reviewer	
<i>Ryan Gierhart</i>	<i>4-29-11</i>	<i>Elizabeth A. Wick</i>	<i>4/27/11</i>
Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	Date	Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest District Office	Date

Average Daily Design Flow:	40,000 Gallons/Day
Plant Serves:	One state park
Average Daily Flow: (Period of Review):	3,200 Gallons/Day (04/13/09 – 04/30/09)
Method of flow monitoring:	Estimate
Type of alarms for plant:	High water alarms

Pretreatment

Type of Pretreatment: **Bar Screen**
 Does the Trash Trap need pumped: **N/A**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

Manual screen cleaning. EQ basin was aerated. 2 Grinder pumps

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Medium**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Good**

Comments/Status:

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Clear**

Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Good**

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Good**

Comments/Status:

A build-up of algae was observed in the UV tank. New UV lamps are being ordered.

Sludge Handling/Storage/Disposal

Hauler name: **Layman**
Disposal Site: **Village of Archbold**
Sludge wasted from: **Sludge Holding Tank**
How often is sludge wasted: **Once per year**
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Mill Creek**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Effluent was clear, colorless, and had no odor. The Operator of Record logbook provided good details on the operations at the plant.

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00001*FD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	9.43	6/1/2010
2PP00001*FD	July 2010	001	31616	Fecal Coliform	30D Conc	1000	2700.	7/1/2010
2PP00001*FD	July 2010	001	31616	Fecal Coliform	7D Conc	2000	2700.	7/8/2010
2PP00001*FD	August 2010	001	31616	Fecal Coliform	30D Conc	1000	3300.	8/1/2010
2PP00001*FD	August 2010	001	31616	Fecal Coliform	7D Conc	2000	3300.	8/8/2010
2PP00001*FD	August 2010	001	00400	pH	1D Conc	9.0	9.2	8/26/2010
2PP00001*FD	September 2010	001	31616	Fecal Coliform	30D Conc	1000	20000.	9/1/2010
2PP00001*FD	September 2010	001	31616	Fecal Coliform	7D Conc	2000	20000.	9/1/2010