



Environmental
Protection Agency

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

April 11, 2012

Ms. Carolyn Pottschmidt
Hamilton County Park District
10245 Winton Road
Cincinnati, Ohio 45231

**RE: Big Sycamore Picnic Area WWTP
NPDES Permit 1PG00106*BD, OH0133728
Compliance Evaluation Inspection**

Dear Ms. Pottschmidt:

Thank you for meeting with me on March 29, 2012, at the Miami Whitewater Forest Park's Big Sycamore Picnic Area Wastewater Treatment Plant, to discuss the NPDES permit compliance issues. I've attached my Compliance Evaluation Inspection report for you to review.

No response is needed. Please keep me informed of any decisions made for the elimination of this wastewater treatment plant or any planned improvements to it. If you have any questions about this report, please contact me at (937) 285-6101.

Sincerely,

Mary Osika
Environmental Specialist
Division of Surface Water

MO/tf

Enclosure

cc: Harry Perry, Hamilton County Park District

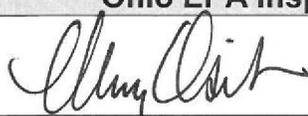
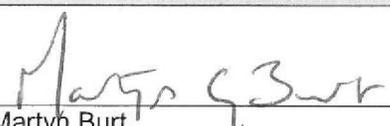


State of Ohio Environmental Protection Agency
Southwest District Office

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
1PG00106*BD	OH0133728	3/29/2012	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Hamilton County Park District – Miami Whitewater Forest Park – Big Sycamore Picnic Area WWTP Timberlakes Drive Harrison, Ohio	10:00 am	June 1, 2008
	Exit Time	Permit Expiration Date
	10:47 am	May 31, 2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Carolyn Pottschmidt, Park Manager Harry Perry, Park Operations Coordinator	513-616-4196 513-825-8537	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Carolyn Pottschmidt, Park Manager, Class A Operator	513-616-4196	
Name, Address and Title of Responsible Official	Phone Number	
Carolyn Pottschmidt Hamilton County Park District 10245 Winton Road Cincinnati, Ohio 45231	513-616-4196	

Ohio EPA Inspector	Ohio EPA Reviewer
 4/11/2012	 4/11/12
Mary Osika Division of Surface Water Southwest District Office	Martyh Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Average Daily Design Flow:	2,500 Gallons/Day
Plant Serves:	County Park picnic area
Average Daily Flow: (Period of Review):	100 Gallons/Day (6/1/2011 - 3/1/2012)
Method of flow monitoring:	flow meter totalizer
Type of alarms for plant:	Visual/audio

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the trash trap need pumped: **No**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

Trash trap pumped out 3 years ago.

**Secondary Treatment
(Aeration)**

Color of sludge: **Light Brown**
 Quality of Sludge: **Thin**
 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 checked="" type="checkbox"/>	<input 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: **Cloudy**
 Condition of Weir: **some algae**

Permit # : 1PG00106*BD
NPDES #: OH0133728

Weir is level: **Yes**
Effluent in weir: **Light Solids**
Clarifier walls need scraped: **Yes**

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

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Subsurface	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Fair**

Comments/Status:

Gravel upflow filter at this facility.

Sludge Handling/Storage Disposal

Hauler name: contractor
Disposal Site: Metropolitan Sewer District of Greater Cincinnati
Sludge wasted from: clarifier
How often is sludge wasted: not often
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Fair**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: Dry Fork of Whitewater River
Discharge is visible: **Yes** Quality of Effluent: **Other**

Comments/Status:

Not discharging at time of inspection. Effluent is pumped to creek due to low elevation and to prevent backflow from high water events. No signs of degradation in stream.

Compliance Summary

Period of review: 6/1/2011 – 3/1/2012

Effluent limit violations noted:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	13.2	6/1/2011
June 2011	001	80082	CBOD 5 day	30D Conc	10	15.	6/1/2011
June 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	13.2	6/22/2011
August 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.9	8/1/2011

Actions taken or proposed to address or prevent effluent limit violations:

This picnic area gets little use during most of the year. Flows at this wastewater treatment plant have averaged around 100 gallons per day or less. County park district is considering extending a sanitary sewer or possibly an onsite septic tank disposal system if the treatment system cannot meet the permit limits.