



Environmental  
Protection Agency

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

April 6, 2012

Mr. Tom Prues  
Hamilton County Park District  
10245 Winton Road  
Cincinnati, Ohio 45231

**RE: Shawnee Lookout WWTP  
NPDES Permit 1PG00084\*DD, OH0023752  
Compliance Evaluation Inspection**

Dear Mr. Prues:

Thank you for meeting with me on March 22, 2012 at the Shawnee Lookout Park to discuss the NPDES Permit compliance issues with the wastewater treatment plant. I've attached my Compliance Evaluation Inspection report for you to review.

Please keep me informed about your sanitary sewer inspection/repair project slated for this summer and any improvements completed that will have an impact on the sewage treatment plant. If you have any questions, please contact me at (937)285-6101.

Sincerely,

Mary Osika  
Environmental Specialist  
Division of Surface Water

MO/ff

Enclosure

cc: Harry Perry, Hamilton County Park District

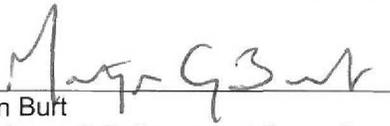


State of Ohio Environmental Protection Agency  
Southwest District Office

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
1PG00084*DD	OH0023752	3/22/2012	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Hamilton County Park District – Shawnee Lookout Park 2012 Lawrenceburg Road North Bend, Ohio	9:50 am	June 1, 2011
	Exit Time	Permit Expiration Date
	10:30 am	May 31, 2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Tom Prues, Park Manager Harry Perry, Park Operations Coordinator	513-941-3659 513-825-8537	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Tom Prues, Park Manager, Class A Operator	513-941-3659	
Name, Address and Title of Responsible Official	Phone Number	
Tom Prues Hamilton County Park District 10245 Winton Road Cincinnati, Ohio 45231	513-941-3659	

Ohio EPA Inspector	Ohio EPA Reviewer
 Date: 4/6/2012 Mary Osika Division of Surface Water Southwest District Office	 Date: 4/6/2012 Martyn Buft Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Average Daily Design Flow:	<b>3,600 Gallons/Day</b>
Plant Serves:	<b>County Park</b>
Average Daily Flow: (Period of Review):	<b>800 Gallons/Day (6/1/2011-3/1/2012)</b>
Method of flow monitoring:	<b>Sigma 980 flow meter</b>
Type of alarms for plant:	<b>visual</b>

**Pretreatment**

Type of Pretreatment: **None**  
 Does the pretreatment work : **N/A**  
 Maintenance of pretreatment components is: **N/A**

**Comments/Status:**

**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: **Clear**  
 Condition of Weir: **some algae**

Permit # : 1PG00084\*DD  
NPDES #: OH0023752

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

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

**Comments/Status:**

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Subsurface</b>	<input type="checkbox"/>	<input checked="" 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: **Good**

**Comments/Status:**

**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: **Good**

**Comments/Status:**

**Plant Discharge**

Discharge point is a: **Stream**  
Name of discharge point: **tributary of Great Miami River**  
Discharge is visible: **Yes** Quality of Effluent: **Clear**

**Comments/Status:**

## Compliance Summary

Period of review: 8/1/2011 – 3/1/2012

Effluent limit violations noted:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	9.5	8/1/2011
August 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0137	.02733	8/1/2011
November 2011	001	00530	Total Suspended Solids	30D Qty	0.164	2.97032	11/1/2011
November 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0409	.35644	11/1/2011
November 2011	001	00530	Total Suspended Solids	7D Qty	0.246	2.97032	11/8/2011
November 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.0614	.35644	11/8/2011
December 2011	001	00400	pH	1D Conc	9.0	9.3	12/14/2011
December 2011	001	00400	pH	1D Conc	9.0	9.1	12/21/2011

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

Hamilton County Park District has replaced the flow meter at the WWTP and cleaned the culvert out to prevent flooding of the sewer line leading to the WWTP.

The Park District plans to inspect the sewer line for repair or replacement this summer 2012.