



**Environmental  
Protection Agency**

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

Re: **Notice of Violation**  
Putnam County  
Putnam County Board of DD  
Brookhill Center  
NPDES Permit

February 17, 2012

Mr. William Clifford  
Brookhill Center  
7989 State Route 108  
Ottawa, Ohio 45875

Dear Mr. Clifford:

On February 9, 2012, I conducted a compliance inspection at the Brookhill Center Water Treatment Plant (WWTP). Mr. Jim Cutlip, operator, was present and provided information concerning the operation and maintenance of the treatment facilities. Our inspection observations can be found on the enclosed form. The discharge to the unnamed tributary of the Blanchard River was clear with no odor present.

A review of the discharge monitoring reports (DMRs) for December 2011 indicates that there have been several effluent limit violations for ammonia. The specific instances of noncompliance are enclosed. Mr. Cutlip submitted an email on January 10, 2012, indicating that a lack of solids build up in the system is believed to be creating the high ammonia and that he would have the plant seeded with sludge. It is recommended that the clarifier walls are scraped weekly and that process control sampling is performed to identify problem areas in the plant. It was also recommended that the flow through the plant be calculated using the run time meters at the pump station rather than estimating flow.

If there are any questions, please contact me at (419) 373-3053.

Sincerely,

Ryan Gierhart  
Division of Surface Water

/jlm

Enclosures

pc: Jim Cutlip  
Putnam County Commissioners  
ec: Inspection Tracking

Get New Data									
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date	
2PG00112*AD	December 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	8.6	12/1/2011	
2PG00112*AD	December 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.114	.17252	12/1/2011	
2PG00112*AD	December 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	8.6	12/27/2011	
2PG00112*AD	December 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.171	.17252	12/27/2011	

Permit #: 2PG00112  
 NPDES #: OH0130109



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
2PG00112	OH0130109	02/08/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Putnam County Board of DD Brookhill Center 7989 State Route 108 Ottawa Oh 45875	11:00 am	12/1/2009
	Exit Time	Permit Expiration Date
	11:30 am	11/30/2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Jim Cutlip, Operator	419-532-3728	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Jim Cutlip, Operator 838 E. 2 <sup>nd</sup> street Ottawa 45875	419-532-3728	
Name, Address and Title of Responsible Official	Phone Number	
Putnam County Commissioners 245 East Main St., Suite 101 Ottawa, Ohio 45875	419-523-3656	

Ohio EPA Inspector		Ohio EPA Reviewer	
	2-15-12		2/10/12
Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	Date	Thomas Poffenberger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office	Date

Permit #: 2PG00112  
 NPDES #: OH0130109

Average Daily Design Flow:	<b>10,000 gpd</b>
Plant Serves:	
Average Daily Flow: (Period of Review):	<b>5300 gpd</b>
Method of flow monitoring:	<b>Flow is estimated.</b>
Type of alarms for plant:	<b>All pumps and UV system have visual alarms</b>

Pretreatment

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

**Comments/Status:**

Trash trap has not been pumped yet. Flow should be monitored using the run time meters at the pump station.

Secondary Treatment  
(Aeration)

Color of sludge: **2**  
 Quality of Sludge: **Thin**  
 Foam: **Light (white)**  
 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...**Fair**

**Comments/Status:**

Very little sludge built up in system. Operator is going to look at seeding the aeration tanks.

Secondary Treatment  
(Settling)

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

Permit #: 2PG00112  
NPDES #: OH0130109

Clarifier walls need scraped: **Yes**

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

**Comments/Status:**

The clarifier walls are not being scraped. It is recommended that they are scraped weekly.

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fixed Media Clarifier	<input checked="" 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 type="checkbox"/>	<input checked="" 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:**

The sand filters appeared in good condition with a little solids built up.

**Sludge Handling/Storage Disposal**

Hauler name: Ohio Sanitary Service

Disposal Site: Ottawa WWTP

Sludge wasted from: Sludge Holding Tank

How often is sludge wasted:

Sludge drying beds: **No**                      Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

**Comments/Status:**

No sludge has been wasted yet.

**Plant Discharge**

Discharge point is a: **Stream**

Name of discharge point: **unamed tributary to Blanchard River**

Discharge is visible: **Yes**                      Quality of Effluent: **Clear**

**Comments/Status:**

The effluent observed was clear with no noticeable odor.