



**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

August 31, 2012

Putnam County Commissioners  
245 East Main Street, Suite 101  
Ottawa, Ohio 45875

Dear Commissioners:

On August 23, 2012, I conducted a compliance inspection at the Brookhill Center Wastewater Treatment Plant (WWTP). Mr. Jim Cutlip, operator, was present and provided information concerning the operation and maintenance of the treatment facilities. My 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.

The reasons for the inadequate biological growth need to be investigated. An investigation should be completed on the discharges of the sewage users to identify potential sources that are hindering the biological growth. The establishment and continued growth of a biological community is essential to meet the final effluent limits.

A review of the discharge monitoring reports (DMRs) from January 2012 to August 2012 shows that there have been several National Pollutant Discharge Elimination System (NPDES) effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. Further review of your self-monitoring reports for the previous six months, ending in July 2012, indicates that you are in significant non-compliance (SNC) with an effluent limit contained in your NPDES permit. The specific instance of SNC is enclosed on a separate sheet. **Please inform this office in writing within 21 days 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.

Please be advised that failure to comply with the effluent limitations and/or monitoring requirements, including adequate laboratory controls, appropriate quality assurance procedures, and records retention, as specified in your Part III-General conditions of your NPDES permit may be cause for enforcement action pursuant to Ohio Revised Code, Chapter 6111. If these violations continue to occur and if satisfactory progress is not made, it may be necessary to initiate enforcement action to achieve compliance.

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

Sincerely,

Ryan Gierhart  
Division of Surface Water

/jlm  
Enclosures  
pc: Jim Cutlip  
William Clifford  
Greg Bockrath  
ec: Tracking

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	08/23/2012	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	1:00 pm	12/1/2009
	Exit Time	Permit Expiration Date
	2:00 pm	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
<i>Ryan Gierhart</i> <i>8-30-12</i>	<i>Thomas Poffenbarger</i> <i>8/28/12</i>
Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Permit # : 2PG00112  
 NPDES #: OH0130109

Average Daily Design Flow:	<b>10,000 gpd</b>
Plant Serves:	
Average Daily Flow: (Period of Review):	<b>3881 gpd (March 2012 – August 2012)</b>
Method of flow monitoring:	Dosing pump run time meters
Type of alarms for plant:	All pumps and UV system have visual alarms

**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.

**Secondary Treatment  
(Aeration)**

Color of sludge: **2**  
 Quality of Sludge: **Thin**  
 Foam: **Heavy (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:**

Sludge return and skimmer returns were clear water. Very little sludge built up in system. It was noted that the blowers were out of power on 6-9-2012 and 6-10-2012. It was also noted that the plant lost power from June 29<sup>th</sup> to July 10<sup>th</sup> and it went septic. The plant aeration tanks were pumped out on July 7<sup>th</sup> and a sludge seed was brought to the plant on July 13<sup>th</sup> from the Village of Ottawa. It appears the facility is having an issue establishing adequate biological growth in the aeration system. It is recommended that process control sampling is completed to ensure adequate conditions are being provided to support a biological community. It is also recommended that treatment system users are investigated to see if a chemical solution or cleaning material is being discharged into the system that is prohibiting biological growth.

**Secondary Treatment  
 (Settling)**

Clarity: **Cloudy**  
 Condition of Weir: **Excessive Algae/Solids Build Up**  
 Weir is level: **Yes**  
 Effluent in weir: **Light Solids**  
 Clarifier walls need scraped: **Yes**

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

**Comments/Status:**

It is recommended that the clarifier walls are scraped weekly. A build-up of solids were observed on the clarifier weir. The weir should be cleaned and maintained clean.

**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 checked="" type="checkbox"/>	<input 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 little solids built up. The UV bulb shorted out in the month of May causing fecal coliform violations. Fixed media filters are sprayed down once per month.

**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:**

Sludge was wasted from the clarifier when the plant went septic. No sludge has been wasted to the sludge holding tank.

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**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:**

Post aeration was on. The effluent observed was clear with no noticeable odor.

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00112*AD	January 2012	001	00530	Total Suspended Solids	30D Conc	12.0	19.	1/1/2012
2PG00112*AD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.3	1/1/2012
2PG00112*AD	January 2012	001	80082	CBOD 5 day	30D Conc	10.0	14.05	1/1/2012
2PG00112*AD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	6.4	1/3/2012
2PG00112*AD	January 2012	001	00530	Total Suspended Solids	1D Conc	18.0	21.	1/10/2012
2PG00112*AD	February 2012	001	00530	Total Suspended Solids	1D Conc	18.0	22.	2/1/2012
2PG00112*AD	February 2012	001	00530	Total Suspended Solids	30D Conc	12.0	22.	2/1/2012
2PG00112*AD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.96	5/1/2012
2PG00112*AD	May 2012	001	31616	Fecal Coliform	30D Conc	1000	4375.	5/1/2012
2PG00112*AD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	1.96	5/22/2012
2PG00112*AD	May 2012	001	31616	Fecal Coliform	1D Conc	2000	4375.	5/22/2012
2PG00112*AD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.01	6/1/2012
2PG00112*AD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0379	.06307	6/1/2012
2PG00112*AD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	2.01	6/11/2012
2PG00112*AD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.0568	.06307	6/11/2012

Get New  
Data

Get Detail  
for Selected  
Permit

### Facilities in Significant Non-Compliance \*\*

Period: Mar-12 Aug-12

County	Permit #	Facility Name	Major	Station Code	Param Code	Parameter Name	Max % Exceed	# Months Signif Exceed (1)**	# Months Exceed (2)**
Putnam	2PG00112	Putnam Co MRDD Brookhill Ctr		1	00610	Nitrogen, Ammonia (NH3)	101	2	2