



Environmental
Protection Agency

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

Re: Notice of Violation
Putnam County
Miller City Schools WWTP
NPDES Permit

June 22, 2011

Mr. William J. Kreinbrink, Superintendent
Miller City Schools
Main Cross Street
Miller City, Ohio 45864

Dear Mr. Kreinbrink:

On June 13, 2011, an operation and maintenance inspection was made of the wastewater treatment facility serving Miller City Schools. You, Mr. Doug Schroeder, and Mr. Jason Phillips were present and provided information concerning the operation and maintenance of these facilities. Our observations and recommendations can be found on the enclosed inspection report. The effluent discharge observed in the chlorine contact tank was clear, colorless, and had no noticeable odor.

A review of the Discharge Monitoring Reports (DMRs) for November 2010, to June 2011, shows that there have been several effluent limit violations. The specific instances of noncompliance are attached on a separate sheet. Further review of your self-monitoring reports for the previous six months, ending May 2011, indicates that you are in significant non-compliance (SNC) with an effluent limit contained in your NPDES permit. The specific instance of SNC is attached on a separate sheet. Follow up emails from Mr. Doug Schroeder dated February 15, 2011 and March 17, 2011 stated that the aeration into the plant was being increased and solids removed to try to correct the ammonia violations.

If you have any questions or comments please contact me at (419) 373-3053.

Sincerely,

Ryan Gierhart
Division of Surface Water

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Enclosure

pc w/enclosure:

◀DSW\NWDO\File▶
Jason Phillips, Village of Ottawa



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
2PT00025	OH0126535	06/13/2011	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Miller City Schools WWTP Main Cross Street Miller City, OH 45864	1:00 pm	December 1, 2010
	Exit Time	Permit Expiration Date
	1:30 pm	November 30, 2015
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Jason Phillips, Operator Doug Schroeder, Operator	(419) 523-0020	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Jason Phillips, Operator 136 North Oak Street Ottawa	(419) 523-0020	
Name, Address and Title of Responsible Official	Phone Number	
Mr. William Kreinbrink – Superintendent Main Cross Street Miller City, OH 45864	(419) 876-3172	

Ohio EPA Inspector		Ohio EPA Reviewer	
	6-10-11		6/16/11
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:	8,000 Gallons/Day
Plant Serves:	540 people
Average Daily Flow: (Period of Review):	2,328 Gallons/Day (11/10 - 06/11)
Method of flow monitoring:	Estimate from water usage
Type of alarms for plant:	High water alarms

Pretreatment

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

Comments/Status:

Trash trap pumped 1/year.

**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:

Good aeration. Aeration is on constant in the summer and on a timer during the fall/winter.

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**

Effluent in weir:
Clarifier walls need scraped:

Other
Unknown

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

Comments/Status:

Weir was clean. No effluent was going over the weir. Walls scraped weekly.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<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 type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input checked="" 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:

Some sludge and weeds were built up on in-active filter.

Sludge Handling/Storage Disposal

Hauler name: Ohio Sanitary Services

Disposal Site: Ottawa WWTP

Sludge wasted from: Clarifier

How often is sludge wasted: Unknown when sludge was last removed.

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

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Storm Sewer**

Name of discharge point: **Miller City Cutoff Ditch**

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

Comments/Status:

Discharge was clear as it left contact tank.

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	14.26	1/1/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.98	1/1/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	18.1	1/8/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	17.7	1/22/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.09	14476	1/1/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	18374	1/8/2011
2PT00025*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	17968	1/22/2011
2PT00025*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	12.525	2/1/2011
2PT00025*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	16.6	2/1/2011
2PT00025*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	17.3	2/8/2011
2PT00025*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	16.2	2/15/2011
2PT00025*CD	April 2011	001	00530	Total Suspended Solids	30D Conc	12.0	16.75	4/1/2011
2PT00025*CD	April 2011	001	00530	Total Suspended Solids	7D Conc	18.0	23.	4/1/2011

Get New
Data

Get Detail
Selected
Permit

Facilities in Significant Non-Compliance **

Period: Jan-11 Jun-11

County	Permit #	Facility Name	Major	Station Code	Param Code	Parameter Name	Max Exceed	# Months Signif Exceed (1)**	# Months Exceed (2)**
Putnam	2PT00025	Miller City High Sch WWTP		1	00610	Nitrogen, Ammonia (NH3)	375.3	2	2