



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 6, 2013

Mr. Kerry Johnson, Superintendent
Miller City Schools
200 North Main Street
Miller City, Ohio 45864

Dear Mr. Johnson:

On May 30, 2013, an operation and maintenance inspection was made of the wastewater treatment facility serving Miller City Schools. Mr. Doug Schroeder was 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 August 2012 to May 2013 shows that there have been several 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 April 2013, indicates that the facility is in significant non-compliance (SNC) with an effluent limitation contained in the National Pollutant Discharge Elimination System (NPDES) permit. The specific instance of SNC is enclosed on a separate sheet.

Follow up emails from Mr. Doug Schroeder dated February 11, 2013, March 19, 2013, April 10, 2013, and May 15, 2013, indicated that process changes were being made to try to bring the plant into compliance. The changes included wasting sludge, increasing the air run time, bringing in seed sludge and adding dog food. It was indicated that the biological growth was reestablished and the plant was back to normal operation on April 9, 2013.

A facility becomes SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months in two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare.

Mr. Kerry Johnson
June 6, 2013
Page Two

Before we initiate enforcement action, we would like to work with you to achieve satisfactory progress to bring this facility back into compliance. Within 21 days of the date of this letter, please submit, in writing, the actions that you propose to undertake in order to return your facility into compliance with your NPDES permit. You will also need to give a timetable for these actions that does not extend past October 31, 2013. These actions and timetable may also be submitted by email to me at ryan.gierhart@epa.ohio.gov

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

Sincerely,



Ryan Gierhart
Division of Surface Water

/jlm

Enclosures

pc: Doug Schroeder, Village of Ottawa

ec: Tracking

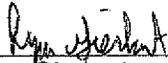


State of Ohio Environmental Protection Agency
Northwest District Office

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	05/30/2013	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	9:00 am	December 1, 2010
	Exit Time	Permit Expiration Date
	9:40 am	November 30, 2015
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Doug Schroeder, Operator	(419) 523-0020	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Doug Schroeder, Operator 136 North Oak Street Ottawa	(419) 523-0020	
Name, Address and Title of Responsible Official	Phone Number	
Mr. Kerry Johnson – Superintendent Main Cross Street Miller City, OH 45864	(419) 876-3172	

Ohio EPA Inspector	Ohio EPA Reviewer
 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
6-4-2013 Date	6/4/13 Date

Average Daily Design Flow:	8,000 Gallons/Day
Plant Serves:	540 people
Average Daily Flow: (Period of Review):	5,175 Gallons/Day (08/12 – 6/13)
Method of flow monitoring:	Run time meters on sand filter dosing pumps
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 2/year. It is recommended that run time meters are placed on the sand filter dosing pumps to provide a more accurate flow measurement.

**Secondary Treatment
(Aeration)**

Color of sludge: **Light 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 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:

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

**Secondary Treatment
(Settling)**

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

Effluent in weir: **Clear**
 Clarifier walls need scraped: **Unknown**

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

Comments/Status:

Very little flow was going over the weir

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 type="checkbox"/>	<input checked="" 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:

Filters appeared to be in good condition. Post aeration on in contact tank.

Sludge Handling/Storage Disposal

Hauler name: Ohio Sanitary Services
 Disposal Site: Ottawa WWTP
 Sludge wasted from: Clarifier
 How often is sludge wasted: When needed
 Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Good**

Comments/Status:

Sludge was hauled out in February. There was an upset in the plant that resulted in high ammonia values. The facility wasted sludge to try to correct the problem

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.

Get New Da

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.5925	1/1/2013
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.09	.19194	1/1/2013
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.77	1/15/2013
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.19936	1/15/2013
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	13.6	1/22/2013
2PT00025*CD	January 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.5684	1/22/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	17.	2/1/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	14.4	2/1/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.09	.47673	2/1/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.40382	2/1/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	15.8	2/8/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.44308	2/8/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	20.6	2/15/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.57769	2/15/2013
2PT00025*CD	February 2013	001	00530	Total Suspended Solids	7D Conc	18.0	28.	2/22/2013
2PT00025*CD	February 2013	001	00530	Total Suspended Solids	7D Qty	0.55	.78521	2/22/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	17.2	2/22/2013
2PT00025*CD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.48234	2/22/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.71	3/1/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.03	3/1/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.09	.18972	3/1/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.14222	3/1/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.13	3/8/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.20159	3/8/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.75	3/15/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.2474	3/15/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.93	3/22/2013
2PT00025*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.16766	3/22/2013
2PT00025*CD	April 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.84	4/1/2013
2PT00025*CD	April 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.2409	4/1/2013

Get New
Data

Get Detail
for Selected
Permit

Facilities in Significant Non-Compliance **

Period: Nov-12 Apr-13

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)	466.7	4	4