



**Environmental  
Protection Agency**

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

Re: **Notice of Violation**  
Hardin County  
McGuffey WWTP  
NPDES Permit

April 13, 2012

Mayor and Council  
Village of McGuffey  
P. O. Box 304  
McGuffey, Ohio 45859

Dear Mayor and Council:

On April 5, 2012, a compliance inspection was conducted at the Village of McGuffey wastewater treatment plant. Mr. James Meyer and Mr. Chuck Bell were present and provided information regarding plant operations. During our visit, all major treatment units were in operation. The final effluent discharging to Cottonwood Ditch appeared clear with no noticeable odor.

A review of the discharge monitoring reports from March 2011 to March 2012 shows that there have been several effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. Emails have been submitted by Mr. James Meyer in regard to the violations. It is noted that the CBOD violations are believed to be an error, due to a suspect high value of 83 mg/l submitted on October 18, 2011.

It was noted that dried sludge from the sand beds has been land applied in several areas around the Village. Sludge can only be land applied in approved fields and must meet the requirements of the NPDES permit and the Ohio Administrative Code (O.A.C) Chapter 3745-40. There are no records in our file to indicate that any fields have been approved for land application from the Village of McGuffey. Land application of sludge must be discontinued until approved land application sites are obtained.

Our completed inspection report is enclosed for your records. If you have any questions, please contact me at 419-373-3053. Please direct any sludge specific questions to Andrew Gall at (419) 373 – 3003.

Sincerely,

Ryan Gierhart  
Division of Surface Water

/jlm

Enclosures

pc: Mr. James Meyer, Village of Ada  
ec: Inspection Tracking



State of Ohio Environmental Protection Agency  
Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PA00006	OH0026271	4/5/2012	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
McGuffey WWTP East Street McGuffey, Hardin County	1:00 PM	February 1, 2011
	Exit Time	Permit Expiration Date
	2:30 PM	January 31, 2016
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Mr. James Meyer, Operator of Record Mr. Chuck Bell, Operator		567-295-8672
Name, Address and Title of Responsible Official		Phone Number
Mayor & Council Village of McGuffey P.O. Box 304 McGuffey, Ohio 45859		419-757-2295

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
M	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
S	Facility Site Review	U	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>Heavy Brown Foam observed in Oxidation ditch.</p> <p>Buildup of algae observed on weirs in final clarifier.</p> <p>Land application of sludge should only occur on approved fields.</p> <p>The final effluent discharge to Cottonwood Ditch was clear.</p> <p>Log book needs to be maintained with Operator of Record time recorded at the plant.</p> <p>The Vacuum sewer system becomes overwhelmed during big rain events.</p>	
Inspector	Reviewer
 Ryan Gierhart Division of Surface Water Northwest District Office	 Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
4-12-12 Date	4/11/12 Date

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Protection	--	
	Safety Features	S	Fence Surrounding WWTP
	Bypasses	--	
	Storm Water Overflows	--	
	Alternate Power Source	--	
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	IN	2 Pumps
	Ventilation	S	
	Bar Screen	IN	
	Disposal of Screenings	S	Landfilled
	Comminutor	--	
	Grit Chamber	--	
	Disposal of Grit	--	
Primary	Settling Tanks	--	
	Scum Removal	--	
	Sludge Removal	--	
	Effluent	--	
Sludge Disposal	Digesters	IN	1 tank
	Temperature and pH	--	
	Gas Production	--	
	Heating Equipment	--	
	Sludge Pumps	IN	2 RAS Pumps, 2 WAS pumps
	Drying Beds	IN	Two beds, sludge on beds
	Belt Filter Press		
	Centrifuge		
Other	Disposal of Sludge	S	Hauled to Lima WWTP/some land application
	Flow Meter and Recorder	IN	Ultrasonic
	Records	S	
	Lab Controls	S	
Secondary - Tertiary	Chemical Treatment	--	
	Oxidation Ditch	IN	Brown color/heavy brown foam
	Secondary Clarifier	IN	Build up of algae on weirs.
Disinfection	Imhoff Tank	OUT	
	Effluent	S	Clear no odor
	Disinfection System	OUT	Hypochlorite
	Effective Dosage	--	
	Contact Time	--	
	Contact Tank	IN	
Dechlorination	OUT	Sodium Bisulfite	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00006*ED	March 2011	001	00530	Total Suspended Solids	7D Conc	18.0	31.8	3/1/2011
2PA00006*ED	March 2011	001	00530	Total Suspended Solids	7D Qty	8.2	10.0363	3/1/2011
2PA00006*ED	July 2011	001	31648	E. coli	7D Conc	362	380.	7/15/2011
2PA00006*ED	July 2011	001	31648	E. coli	7D Conc	362	4000.	7/22/2011
2PA00006*ED	October 2011	001	80082	CBOD 5 day	30D Conc	10.0	10.375	10/1/2011
2PA00006*ED	October 2011	001	80082	CBOD 5 day	7D Conc	15.0	41.5	10/15/2011
2PA00006*ED	October 2011	001	80082	CBOD 5 day	7D Qty	6.8	7.6968	10/15/2011