



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

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

August 5, 2013

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

Dear Mayor and Council:

On July 22, 2013, Matt Hankenhof and I conducted a compliance inspection at the Village of McGuffey wastewater treatment plant (WWTP). Mr. James Meyer and Mr. Mike Conley 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.

We discussed your plans to do routine maintenance on the oxidation ditch. It is my understanding that you will rent a temporary package plant to treat the wastewater at the time of maintenance. Please keep me informed as to when this maintenance will occur.

We discussed that you would likely be removing sludge from the sludge drying beds sometime this year. Sludge can only be land applied on approved fields and must meet the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and the Ohio Administrative Code (OAC) 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. No land application of sludge can occur until approved land application sites are obtained. Additionally, the annual sludge report must be submitted to Ohio EPA even if no sludge was removed from the site.

A review of the discharge monitoring reports from December 2012 through July 2013 shows that there have been several effluent limit violations and sampling frequency 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.

Our completed inspection report is enclosed for your records. If you have any questions, please contact me at 419-373-3006. Please direct any sludge specific questions to Andrew Gall at 419-373-3003.

Sincerely,

Peggy B. Christie
Division of Surface Water

/jlm

Enclosures

pc: Mr. James Meyer, Village of Ada

ec: Inspection Tracking

Andrew Gall, P.E., NWDO, DSW



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	07/22/2013	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	10:30 AM	February 1, 2011
	Exit Time	Permit Expiration Date
	11:30 AM	January 31, 2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Jim Meyer, Operator Mr. Mike Conley, Village Maintenance	567-295-8672 (WWTP)	
Name, Address and Title of Responsible Official	Phone Number	
Mayor & Council Village of McGuffey P.O. Box 304 McGuffey, Ohio 45859	419-757-2295	

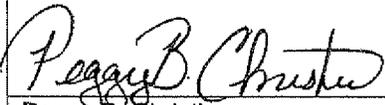
Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
M	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	M	Self-Monitoring Program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

Section D: Summary of Findings (Attach additional sheets if necessary)

Oxidation ditch has a chocolate brown color.
Clarifier was clean.
Log book maintained and up to date.
New refrigerator in the lab for samples.
Bar screen cleaned daily.
Discussed sampling frequencies.

Plans for oxidation ditch maintenance.

Need to have a field approved for land application of biosolids.

Inspector	Reviewer
 Peggy B. Christie Division of Surface Water Northwest District Office	 Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
8/2/2013 Date	7/30/13 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	Cleaned daily
	Disposal of Screenings	S	Landfilled - No sludge removed during 2012
	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		
Disposal of Sludge	S		
Other	Flow Meter and Recorder	IN	Ultrasonic
	Records	S	
	Lab Controls	S	
	Chemical Treatment	--	
Secondary - Tertiary	Oxidation Ditch	IN	Healthy brown
	Secondary Clarifier	IN	
	Imhoff Tank	OUT	
Disinfection	Effluent	S	Clear no odor
	Disinfection System	IN	Hypochlorite
	Effective Dosage	--	
	Contact Time	--	
	Contact Tank	IN	
	Dechlorination	IN	Sodium Bisulfite

Village of McGuffey Permit # 2PA00006

Permit Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2013	001	CBOD 5 day	7D Conc	15.0	32.	3/1/2013
March 2013	001	CBOD 5 day	7D Qty	6.8	9.81072	3/1/2013
June 2013	001	Dissolved Oxygen	1D Conc	5.0	4.9	6/28/2013

Permit Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2012	001	Total Suspended Solids	2/Week	2	1	12/8/2012
December 2012	001	Total Suspended Solids	2/Week	2	1	12/22/2012
December 2012	001	CBOD 5 day	2/Week	2	1	12/8/2012
December 2012	001	CBOD 5 day	2/Week	2	1	12/22/2012
December 2012	001	Phosphorus, Total (P)	1/Month	1	0	12/1/2012
January 2013	001	Total Suspended Solids	2/Week	2	1	1/8/2013
January 2013	001	CBOD 5 day	2/Week	2	1	1/8/2013
February 2013	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	2/1/2013
March 2013	001	Oil and Grease, Hexane	1/Quarter	1	0	3/1/2013
May 2013	001	E. coli	1/Week	1	0	5/1/2013
May 2013	001	E. coli	1/Week	1	0	5/22/2013
June 2013	801	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	6/1/2013
December 2012	901	Hardness, Total (CaCO3)	1/Quarter	1	0	12/1/2012