



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

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

December 13, 2012

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

Dear Mayor and Council:

On December 5, 2012, an inspection was conducted at the Village of McGuffey wastewater treatment plant (WWTP). 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 August 2012 to December 2012 shows that there have been several E. coli 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 October 2012, indicates that you are in significant non-compliance (SNC) for E. coli. The specific instance of SNC is enclosed on a separate sheet. Emails have been submitted by Mr. James Meyer in regard to the violations. Mr. Meyer indicated that the chlorine levels in the contact tank were monitored closely and chlorine readings did not show a concentration less than 1.0 mg/l. It was also noted that the chlorine feeders are planned to be replaced or rebuilt this winter. Steps should continue to be taken to identify and correct the cause for the E. coli violations. Continued violations will lead to escalated enforcement action.

Our completed inspection report is enclosed for your records. If you have any questions, please contact me at 419-373-3053.

Sincerely,

Ryan Gierhart
Division of Surface Water

/jlm

Enclosures

pc: Mr. James Meyer, Village of Ada
ec: Peggy Christie, NWDO DSW
Tracking

Get New Data								
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00006*ED	August 2012	001	31648	E. coli	7D Conc	362	960.	8/1/2012
2PA00006*ED	August 2012	001	31648	E. coli	7D Conc	362	2400.	8/22/2012
2PA00006*ED	October 2012	001	31648	E. coli	7D Conc	362	2400.	10/1/2012

Get New Data

Get Detail for Selected Permit

Facilities in Significant Non-Compliance **

Period: May-12 Oct-12

County	Permit #	Facility Name	Major	Station Code	Param Code	Parameter Name	Max % Exceed	# Months Signif Exceed (1)**	# Months Exceed (2)**
Hardin	2PA00006	McGuffey STP		1	31648	E. coli	5424.9	5	5



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	12/05/2012	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	11:00 AM	February 1, 2011
	Exit Time 11:30 AM	Permit Expiration Date January 31, 2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Jim Meyer, Operator Mr. Chuck Bell, Village Maintenance	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)

N	Permit	S	Flow Measurement	N	Pretreatment
N	Records/Reports	N	Laboratory	N	Compliance Schedule
N	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
M	Facility Site Review	N	Sludge Storage/Disposal	N	Other
N	Collection System				

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

E. Coli violations were discussed during the inspection.

The oxidation ditch appeared to have a dark brown color

The effluent from the plant appeared clear with no noticeable odor.

Inspector	Reviewer
 Ryan Gierhart Division of Surface Water Northwest District Office Date: 12-10-12	 Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office Date: 12/10/12

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 Aerobic
	Temperature and pH	--	
	Gas Production	--	
	Heating Equipment	--	
	Sludge Pumps	IN	2 RAS Pumps, 2 WAS pumps
	Drying Beds	IN	Two beds, sludge on beds. Concrete sides crumbling
	Belt Filter Press		
	Centrifuge		
Disposal of Sludge	S	Hauled to Lima WWTP/some land application	
Other	Flow Meter and Recorder	IN	Ultrasonic
	Records	S	
	Lab Controls	S	
	Chemical Treatment	--	
Secondary - Tertiary	Oxidation Ditch	IN	Brown color/light foam
	Secondary Clarifier	IN	
	Imhoff Tank	OUT	
Disinfection	Effluent	S	Clear no odor
	Disinfection System	OUT	Hypochlorite
	Effective Dosage	--	
	Contact Time	--	
	Contact Tank	IN	
	Dechlorination	OUT	Sodium Bisulfite