



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

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

December 11, 2012

Mayor and Council  
Village of Ada  
P.O. Box 292  
Ada, Ohio 45810

Dear Mayor and Council:

On December 5, 2012, I conducted an inspection at the Village of Ada Wastewater Treatment Plant (WWTP). Mr. Phil Epley, Operator, was present and provided information on the operation and maintenance of the plant. The inspection included a tour of the facility. During our visit, all major treatment units were in operation. The final effluent discharging to Grass Run Creek was clear with no noticeable odor.

A review of your discharge monitoring reports (DMRs) from May 2012 to December 2012 indicates that there have been several effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. Please inform this office in writing within 30 days with the reasons for these violations and the steps taken or proposed to prevent any further violations. If these violations continue to occur and if satisfactory progress is not made, we will have no choice but to recommend escalated enforcement action to achieve compliance.

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

Sincerely,

Ryan Gierhart  
Division of Surface Water

/jlm

Enclosures

pc: Phil Epley

ec: Tracking

Get New Data								
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.1	1.5825	5/1/2012
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.7	2.7	5/1/2012
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	3.4	5.91727	5/1/2012
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	5.3	12.0590	5/1/2012
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.7	3.45	5/8/2012
2PB00050*KD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	5.3	11.3678	5/8/2012
2PB00050*KD	September 2012	001	80082	CBOD 5 day	7D Qty	47.0	47.2178	9/22/2012
2PB00050*KD	October 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	5.3	9.25767	10/1/2012



State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding

Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PB00050	OH0020583	12/05/12	R	S	1

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Ada WWTP 3623 County Road 44 Ada, Hardin County, Ohio	9:30 AM	August 1, 2010
	Exit Time	Permit Expiration Date
	10:00 AM	July 31, 2015
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Phil Epley, Superintendent	419-634-4045	
Name, Address and Title of Responsible Official	Phone Number	
Mayor & Council Village of Ada P.O. Box 292 Ada, Ohio 45810	419-634-4045	

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

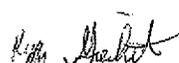
N	Permit	N	Flow Measurement	N	Pretreatment
N	Records/Reports	N	Laboratory	N	Compliance Schedule
N	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	N	Other
N	Collection System				

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

The south Primary skimmer arm has been removed for repairs. A build-up of scum was observed in the primary clarifier.

A build-up of floating sludge was observed in the two final clarifiers. It was noted that the facility has been using a new polymer on the waste activated sludge and it is believed that the polymer is not working well on settling the sludge.

The final effluent appeared clear with no noticeable odor.

Inspector	Reviewer
 Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	 Thomas Poffenberger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
12-10-12 Date	12/7/12 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 plant
	Bypasses	--	
	Storm Water Overflows	--	
	Alternate Power Source	S	Generator
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	IN	3 Units
	Ventilation	S	
	Bar Screen	--	
	Disposal of Screenings	--	
	Comminutor	IN	Muffin Monster
	Grit Chamber	IN	Manually cleaned in channel
	Disposal of Grit	S	Landfilled
Primary	Settling Tanks	IN	2 Units floating solids older primary tank contents appeared poor. south skimmer arm off for repairs
	Scum Removal	IN	Dewatered and landfilled
	Sludge Removal	IN	To Digester 2 pumps set on timer
	Effluent	M	North - light brown color / south - dark brown color
Sludge Disposal	Digesters	IN	Anaerobic
	Temperature and pH	NE	
	Gas Production	IN	Used in boilers, waste burner
	Heating Equipment	IN	
	Sludge Pumps	IN	6 Units 4 waste pumps 2 recirculating pumps
	Drying Beds	OUT	4 Beds - available but not used
	Belt Filter Press	--	
	Centrifuge	--	
	Disposal of Sludge	S	Land Application
	Sludge Storage Tank	IN	
Other	Flow Meter and Recorder	IN	Ultrasonic meter
	Records	NE	
	Lab Controls	NE	
	Chemical Treatment	IN	Polymer added to WAS Univar 1598
Secondary - Tertiary	Aeration Tanks	IN	2 Units - Dark brown color in Parallel
	Clarifiers	IN	2 Units sludge floating on top.
	Nitrification Towers	IN	2 Units plastic media, recycle flow
Disinfection	Effluent	S	clear
	Disinfection System	IN	Chlorine Gas 1 ton cylinder
	Effective Dosage	S	
	Contact Time	S	
	Contact Tank	IN	
	Dechlorination	IN	Sodium Bisulfite