



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

Re: Williams County  
Edon WWTP  
NPDES Permit

July 19, 2013

Board of Public Affairs  
Village of Edon  
108 East Indiana Street  
P. O. Box 338  
Edon, Ohio 43518

Dear Board Members:

On July 10, 2013, a Compliance Inspection was conducted of your wastewater treatment plant (WWTP) serving the Village. The treatment facility is located at 515 East Indiana Street. Mr. Chris Decker was present and provided information regarding the operation of the facility. This inspection was conducted to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PA00031 (OH0095141).

At the time of the inspection, all major treatment components were in service. The mixed liquor in the aeration tanks was a dark brown color, and the final effluent was clear.

Again, we strongly recommend that the Village continue to investigate the I/I problems throughout the entire collection system. The findings and recommendations from smoke testing and video inspections should be incorporated into a comprehensive rehabilitation program with the goal of minimizing the I/I in the collection system. Elimination of large sources of clean water infiltration could help delay another costly treatment plant expansion.

Our review of your Discharge Monitoring Reports (1/1/2012 to 7/1/2013) indicated two effluent violations. Please refer to the enclosed violation table. A completed inspection report is included for your review. If you have any questions, please call Mr. Jason Ko of our office at 419-373-3021.

Yours truly,

Elizabeth A. Wick, P.E.  
Environmental Engineer/Section Manager  
Division of Surface Water

JK/jlm

Enclosures

pc: Chris Decker, Operator

ec: Tracking

# NPDES COMPLIANCE INSPECTION REPORT

## Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PA00031	OH0095141	2013/7/10	C	S	1

## Section B: Facility Data

Name and Location of Facility Inspected  Edon WWTP 515 E. Indiana Street Edon, OH 43518	Entry Time 9:45 A.M.	Permit Effective Date 4/1/2012
	Exit Time 11:15 A.M.	Permit Expiration Date 3/31/2017

Name(s) and Title(s) of On-Site Representative(s)  Mr. Chris Decker, Operator	Phone Number(s)  (419) 272-2152
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Name, Address and Title of Responsible Official  Board of Public Affairs Village of Edon 108 E. Indiana Street P. O Box 338 Edon, OH 43518	Phone Number  (419) 272-2152
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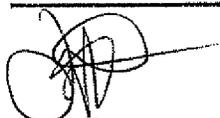
## Section C: Areas Evaluated During Inspection

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

S Permit	S Flow Measurement	-- Pretreatment
S Records/Reports	S Laboratory	-- Compliance Schedules
S Operations & Maintenance	S Effluent	S Self-Monitoring Program
S Facility Site Review	S Sludge Storage/Disposal	- Other

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

- \* Discharge from the WWTP was clear
- \* Current NPDES permit expires on 3/31/2017
- \* Maintain an official log book for operator
- \* Encourage the village to continue investigating the Infiltration/Inflow (I/I) in the sewer collection system
- \* A review of your Discharge Monitoring Reports (1/1/2012 to 7/1/2013) indicated two effluent violations


7/18/13
Ohio EPA, Northwest  
District Office

Name(s) and Signature(s) of Inspector(s) Date


7/18/13
Ohio EPA, Northwest  
District Office

Name and Signature of Reviewer Date

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

158-R0035

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	S	
	Safety Features	S	Fenced
	Bypasses	-	
	Stormwater Overflows	-	
	Alternate Power Source	S	Standby generator; test run monthly
Preliminary	Maintenance of Collection Systems	S	On-going I/I investigation/repair
	Pump Station	IN	At influent; replaced on 6/17/13 & acquiring a spare pump
	Ventilation	-	
	Bar Screen	IN	
	Disposal of Screenings	S	
	Comminutor	IN	
	Grit Chamber		
	Disposal of Grit		
	Pre-aeration Channel		
	Equalization Basin	IN	Aerated w/ 2 blowers & plus a spare unit
Primary	Settling Tanks	-	
	Scum Removal	-	
	Sludge Removal	-	
	Effluent	-	
Sludge Disposal	Digesters	IN	2 aerobic units
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	IN	2 RAS/WAS
	Drying Beds	-	
	Vacuum Filter	-	
	Disposal of Sludge	S	Haul & dispose of at MSI
Other	Flow Meter and Recorder	IN	Ultrasonic at final effluent
	Records	S	
	Lab Controls	-	
	Chemical Treatment	-	
Secondary-Tertiary List items as required	Aeration Tank	IN	2 tanks w/ good roll and color (brown); in parallel
	Final settling Tank	IN	2 circular tanks
	Blower	IN	4 blowers; 15 min ON & 15 min OFF
	Tertiary Rapid Sand Filter	IN	4 units w/ mud wells; housed in building
Disinfection	Effluent	S	Clear
	Disinfection System	IN	
	Effective Dosage	S	
	Contact Time	S	
	Contact Tank	IN	
	Dechlorination	IN	
	Post Air	IN	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00031*GD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	10.3	7/8/2012
2PA00031*GD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	5.21	7/11/2012