



Environmental
Protection Agency

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

Re: Williams County
Edon WWTP
NPDES Permit

September 21, 2011

Mayor and Council
Village of Edon
108 East Indiana Street
P. O. Box 338
Edon, Ohio 43518

Dear Mayor and Council:

On September 8, 2011, a Compliance Inspection was conducted of your wastewater treatment plant 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 as part of the 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 and the final effluent was clear. We are still in the process of renewing your existing NPDES permit which expires on September 30, 2011. In the event that you do not receive your renewed NPDES permit by that date, please continue to operate your facility per your expired permit.

We strongly recommend that the village continue investigating 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 (7/1/2009 to 9/1/2011) indicated a few 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 Wick, P.E.
Environmental Engineer/Manager
Division of Surface Water

JCK/cs

pc: Chris Decker, Operator
'DSW-NWDO-File



NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PA00031	OH0095141	2011/9/8	C	S	P

Section B: Facility Data

Name and Location of Facility Inspected Edon WWTP 515 E. Indiana Street Edon, OH 43518	Entry Time	Permit Effective Date
	11:45 A.M.	10/1/2006
	Exit Time	Permit Expiration Date
	12:45 P.M.	9/30/2011

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Chris Decker , Operator	(419) 272-2152

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council Village of Edon 108 E. Indiana Street P. O Box 338 Edon, OH 43518	(419) 272-2152

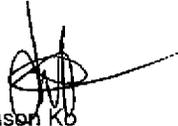
Section C: Areas Evaluated During Inspection

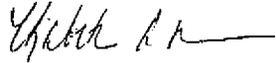
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

- * Discharge from the WWTP was clear
- * Current NPDES permit expires on 9/30/2011
- * Encourage the village to continue investigating the Infiltration/Inflow (I/I) in the sewer collection system
- * A review of your Discharge Monitoring Reports (7/1/2009 to 9/1/2011) indicated a few effluent violations

 Jason KB Name(s) and Signature(s) of Inspector(s)	9/20/11 Date	Ohio EPA, Northwest District Office
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 Elizabeth A. Wick, P.E. Name and Signature of Reviewer	9/15/11 Date	Ohio EPA, Northwest District Office
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F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

Form Approved
OMB No.

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
	Ventilation	-	
	Bar Screen	IN	
	Disposal of Screenings	S	
	Comminutor	OUT	Down for repair
	Grit Chamber		
	Disposal of Grit		
	Pre-aeration Channel		
Equalization Basin	IN	Aerated w/ 2 blowers	
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 Archbold WWTP
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)
	Final settling Tank	IN	2 circular tanks
	Blower	IN	4 blowers
	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*FD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	4.	5/1/2010
2PA00031*FD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	8.	5/22/2010
2PA00031*FD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	2.3	2.81604	5/22/2010
2PA00031*FD	May 2010	001	31616	Fecal Coliform	7D Conc	2000	10000.	5/22/2010
2PA00031*FD	June 2011	001	31616	Fecal Coliform	7D Conc	2000	2200.	6/15/2011

