



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Williams County
Village of Edon
NPDES

February 28, 2008

Mayor and Council
Village of Edon
108 East Indiana Street
Edon, Ohio 43518

Dear Mayor and Council:

On December 4, 2007, Tanushree Courlas conducted an inspection at the Village of Edon Wastewater Treatment Plant (WWTP). Mr. Chris Decker was present and provided plant operation and maintenance information. The WWTP currently has a National Pollutant Discharge Elimination System (NPDES) Permit (number 2PA00031). The inspection included a tour of the wastewater treatment facility.

During our visit, all treatment units were in operation and the effluent was being discharged to Bear Creek. The final settling tank had a clear effluent; however the weirs were heavily covered with algae. The weirs should be cleaned as part of the routine maintenance. It came to our attention that during some winter months, the rapid sand filters are bypassed. In order to treat the wastewater as intended by the design of this plant, the sand filter building needs to be heated to prevent freezing. No samples were taken to verify compliance with permit limits. Currently, all the testing is being analyzed with grab samples and composite samples according to your NPDES Permit.

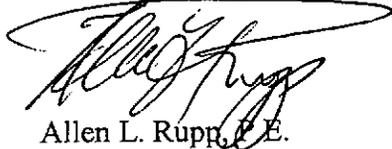
The WWTP has a significant problem with Inflow and Infiltration of clean water into its collection system. The excess flow during wet weather could contribute to collection system surcharging and overflows; bypassing of treatment plant units; and poor treatment plant performance. As stated in your NPDES permit compliance schedule, a sanitary sewer infiltration/inflow analysis and a sewer system evaluation survey must be conducted. This survey was due to this office by April 1, 2007. Mr. Decker indicated that the survey has been completed and that a written summary will be submitted shortly. **Special attention should be given to roof drains, foundation drains, and other clean water connections to the sanitary sewer, which are prohibited by the Village's legally adopted ordinance.** Please refer to the section of the permit which has been attached for further details.

Mayor & Council
February 28, 2008
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Since the last permit issuance, there have been some code and permit limit violations. These violations were reviewed with Mr. Decker during the inspection and have since been resolved.

If you have any questions, please call Tanushree Courlas at (419) 373-3053.

Yours truly,



Allen L. Rupp, P.E.
District Engineer/Section Manager
Division of Surface Water

/lb

Enclosure

pc: ~~DSW-NWDO-File~~
Mr. Chris Decker, Village of Edon

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
<u>2PA00031</u>	<u>OH0095141</u>	<u>07/12/04</u>	<u>C</u>	<u>S</u>	<u>1</u>

Section B: Facility Data

Name and Location of Facility Inspected Village of Edon WWTP 515 East Indiana Street Edon, Ohio	Entry Time 10:00 AM	Permit Effective Date 10/01/2006
	Exit Time 11:30 AM	Permit Expiration Date 09/30/2011

Name(s) and Title(s) of On-Site Representative(s) Chris Decker, Plant Operator	Phone Number(s) (419) 272-2152
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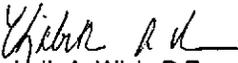
Name, Address and Title of Responsible Official Mayor and Council Village of Edon 108 East Indiana Street Edon, Ohio 43518	Phone Number (419) 272-2152
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Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

Tanushree Courlas  2-26-08, Ohio EPA, Northwest
 Name(s) and Signature(s) of Inspector(s) Date District Office

Elizabeth A. Wick, P.E.  12/21/07, Ohio EPA, Northwest
 Name and Signature of Reviewer Date District Office

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	Rapid Sand Filter Building should be heated.
	Potable Water Supply Protection	S	
	Safety Features	S	Fence
	Bypasses		
	Stormwater Overflows		
	Alternate Power Source		
Preliminary	Maintenance of Collection	M	I/I is a significant problem
	Pump Station	In	One lift station at the head of the plant
	Ventilation		
	Bar Screen	In	
	Disposal of Screenings	S	Landfill
	Comminutor	Out	To be replaced
	Grit Chamber		
	Disposal of Grit		
	Equalization Basin	In	Aerated
Primary	Settling Tanks		
	Scum Removal		
	Sludge Removal		
	Effluent		
Sludge Disposal	Digesters	In	2 tanks
	Temperature and pH		
	Gas Production		
	Heating Equipment		
	Sludge Pumps	In	2 RAS/WAS
	Drying Beds		
	Vacuum Filter		
	Disposal of Sludge	S	Haul and dispose of at Archbold WWTP
Other	Flow Meter and Recorder	In	Sonic at the final effluent
	Records		
	Lab Controls		
	Chemical Treatment		
Secondary-Tertiary List items as	Aeration Tanks	In	2 units in use; brown
	Final settling tanks	In	2 circular units in use & weirs need to be cleaned
	Tertiary rapid sand filters	In	4 units with clear/mud wells, bypass during high flow and winter
	Blowers	In	4 - Used alternately, changes/checks oil/belts once per month.
Disinfection	Effluent	S	Clear effluent
	Disinfection System	Out	Out for winter (Chlorine distributor issues have been resolved)
	Effective Dosage		
	Contact Time		
	Contact Tank	In	
	Dechlorination	Out	Out for winter
	Post Aeration	In	

ATTN: NUSH COURLAS 419-352-8468

From: Chris Dickel

EDON W! TP

419-272-2901

owner old school
→

**Williams County Area
Crime Stoppers
TIP LINE: 419-485-9302**

Vince Tippman (owner)
(260) 428-2500

David Norton (Business Partner)
(260) 437-9995

Old School Contacts

This is where

I send the bills Bills sent to



Andrew's Center Inc.
4460 New Haven Ave.
Ft. Wayne In

46808-2714

**CASH AWARDS TO \$1000.00
All Callers Remain Anonymous**

Code Violations

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00031*ED July 2006		001	00010	Water Temperature			AF	7/12/2006
2PA00031*ED July 2006		001	00530	Total Suspended Solids			AF	7/12/2006
2PA00031*ED July 2006		001	80082	CBOD 5 day			AF	7/12/2006
2PA00031*ED July 2006		001	50060	Chlorine, Total Residu			AF	7/12/2006
2PA00031*ED July 2006		001	00400	pH			AF	7/12/2006
2PA00031*ED July 2006		001	00300	Dissolved Oxygen			AF	7/12/2006
2PA00031*ED July 2006		001	00010	Water Temperature			AF	7/28/2006
2PA00031*ED July 2006		001	50050	Flow Rate			AF	7/28/2006
2PA00031*ED July 2006		001	50060	Chlorine, Total Residu			AF	7/28/2006
2PA00031*ED July 2006		001	00400	pH			AF	7/28/2006
2PA00031*ED July 2006		001	00300	Dissolved Oxygen			AF	7/28/2006
2PA00031*ED August 2006		001	00010	Water Temperature			AF	8/29/2006
2PA00031*ED August 2006		001	50050	Flow Rate			AF	8/29/2006
2PA00031*ED August 2006		001	50060	Chlorine, Total Residu			AF	8/29/2006
2PA00031*ED August 2006		001	00400	pH			AF	8/29/2006
2PA00031*ED August 2006		001	00300	Dissolved Oxygen			AF	8/29/2006
2PA00031*FD October 2006		001	00010	Water Temperature			AF	10/17/2006
2PA00031*FD October 2006		001	50050	Flow Rate			AF	10/17/2006
2PA00031*FD October 2006		001	50060	Chlorine, Total Residu			AF	10/17/2006
2PA00031*FD October 2006		001	00400	pH			AF	10/17/2006
2PA00031*FD October 2006		001	00300	Dissolved Oxygen			AF	10/17/2006
2PA00031*FD December 2006		001	00400	pH			AF	12/1/2006
2PA00031*FD December 2006		001	00300	Dissolved Oxygen			AF	12/1/2006
2PA00031*FD December 2006		001	00010	Water Temperature			AF	12/1/2006
2PA00031*FD December 2006		001	50050	Flow Rate			AF	12/31/2006
2PA00031*FD January 2007		001	00010	Water Temperature			AF	1/15/2007
2PA00031*FD January 2007		001	50050	Flow Rate			AF	1/15/2007
2PA00031*FD January 2007		001	00400	pH			AF	1/15/2007
2PA00031*FD January 2007		001	00300	Dissolved Oxygen			AF	1/15/2007
2PA00031*FD July 2007		001	00530	Total Suspended Solids			AB	7/12/2007
2PA00031*FD July 2007		001	80082	CBOD 5 day			AB	7/12/2007
2PA00031*FD August 2007		801	00530	Total Suspended Solids			AB	8/28/2007
2PA00031*FD August 2007		901	00530	Total Suspended Solids			AB	8/28/2007

High Stream
Inundates
Sample Site

Sample results lost?

Get New Data

Limit Violations

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00031*ED	August 2006	001	31616	Fecal Coliform	7D Conc	2000	10000.	8/1/2006
2PA00031*ED	August 2006	001	31616	Fecal Coliform	7D Conc	2000	2400.	8/22/2006
2PA00031*ED	June 2006	001	31616	Fecal Coliform	30D Conc	1000	4725.87	6/1/2006
2PA00031*ED	June 2006	001	31616	Fecal Coliform	7D Conc	2000	9400.	6/1/2006
2PA00031*ED	June 2006	001	31616	Fecal Coliform	7D Conc	2000	2200.	6/8/2006
2PA00031*ED	June 2006	001	31616	Fecal Coliform	7D Conc	2000	3600.	6/15/2006
2PA00031*ED	June 2006	001	31616	Fecal Coliform	7D Conc	2000	6700.	6/22/2006
2PA00031*ED	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.13	6/2/2006
2PA00031*ED	June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	6/16/2006
2PA00031*ED	June 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	4.33	6/1/2006
2PA00031*ED	June 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	4.83	6/6/2006
2PA00031*ED	June 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.22	6/7/2006
2PA00031*ED	July 2006	001	00530	Total Suspended Solids	30D Conc	12	13.6666	7/1/2006
2PA00031*ED	July 2006	001	00530	Total Suspended Solids	7D Conc	18	20.	7/22/2006
2PA00031*ED	July 2006	001	31616	Fecal Coliform	7D Conc	2000	10000.	7/22/2006
2PA00031*FD	September 2007	001	31616	Fecal Coliform	30D Conc	1000	2566.31	9/1/2007
2PA00031*FD	September 2007	001	31616	Fecal Coliform	7D Conc	2000	7600.	9/1/2007
2PA00031*FD	September 2007	001	31616	Fecal Coliform	7D Conc	2000	5800.	9/22/2007
2PA00031*FD	August 2007	001	31616	Fecal Coliform	7D Conc	2000	4400.	8/1/2007
2PA00031*FD	August 2007	001	31616	Fecal Coliform	7D Conc	2000	2700.	8/8/2007
2PA00031*FD	October 2007	001	31616	Fecal Coliform	7D Conc	2000	7600.	10/1/2007
2PA00031*FD	October 2007	001	31616	Fecal Coliform	7D Conc	2000	3000.	10/15/2007
2PA00031*FD	October 2007	001	31616	Fecal Coliform	7D Conc	2000	5000.	10/22/2007

After Rain
Probe
Rain
Offline