



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korieski, Director

Re: Sandusky County
Village of Woodville
NPDES Permit

July 26, 2010

Mayor & Council
Village of Woodville
219 West Main Street
P. O. Box 156
Woodville, Ohio 43469

Dear Mayor & Council:

On May 27, 2010, Mary Beth Cohen met with Village of Woodville representative Mr. Keith Kruse, Operator, and Mr. Mike Maringer, Industrial Fluid Management, Inc., to discuss the submittal of the mercury variance request. The conditions of the NPDES permit indicate that the mercury variance submittal was due August 1, 2009.

An NPDES permit modification application is required as part of the variance request. Also discussed was the option to include proposed changes to the Combined Sewer Overflow Long Term Control Plan (LTCP) schedule, in the modification request.

A compliance inspection of the Village of Woodville Wastewater Treatment Plant (WWTP) was also made at this time. Mr. Keith Kruse, Operator, was present and provided information on the sewerage system operations. The following items were noted during the inspection:

- The two lagoon cells are being operated in series. Two of four aerators were in use in each lagoon cell. It was indicated that one of the aerators is not operational and needs to be repaired.
- The pond levels were high due to recent rain events. The lagoon levels will be lowered as flow decreases, to provide available capacity to capture flow during storm events.
- Barley straw is used to help control algae growth. The straw is available and ready to be replaced. The straw is typically replaced twice per year in the spring and fall.
- The final effluent being discharged had a slight green cast due to algae.

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- Proper access to the final effluent discharge sampling point at the river, needs to be addressed. The existing makeshift wooden stair case with inadequate railing appeared to be a safety hazard. It appears that access to this sampling location during inclement weather would be extremely difficult. Please address this safety concern as soon as possible.
- The Permit to Install (PTI) and detail plans for all three phases of the Combined Sewer Overflow Long-Term Control Plan - combined sewer overflow (CSO) elimination project, have been approved.

A review of your monthly discharge monitoring reports (DMRs) has also been conducted. A list of permit violations (September 2009 thru May 2010) is enclosed.

Our completed inspection report form is enclosed for your review. If there are any questions, please contact Mary Beth Cohen at (419) 373-3014.

Yours truly,



Elizabeth A. Wick, P.E.
District Engineer/Unit Supervisor
Division of Surface Water

/llr

pc: Mr. Bob Rickard, Village Administrator (enclosure)
DSW-NWDO File

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
<u>2PB00052</u>	<u>OH0020591</u>	<u>2010/05/27</u>	<u>C</u>	<u>S</u>	<u>1</u>

Section B: Facility Data

Name and Location of Facility Inspected Village of Woodville WWTP 219 West Main Street P.O. Box 156 Woodville, Ohio 43469	Entry Time 11:30 a.m.	Permit Effective Date August 1, 2008
	Exit Time 12:45 p.m.	Permit Expiration Date July 31, 2013

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Keith Kruse, Operator	419-849-3031

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council, Village of Woodville 219 W. Main Street Woodville, OH 43469	419-849-2731

Section C: Areas Evaluated During Inspection

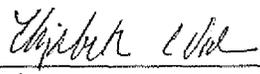
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

- Sewers are (contracted) to be cleaned on a regular basis.
- All combined sewer overflows (CSO's) have flap gates
- Inspections are made of CSO's during wet weather and dry weather
- Three(3) active CSO's are inspected daily. When these are found to be flowing, the others are also inspected.
- The Village maintains / utilizes a street sweeper.
- Catch basins are cleaned annually after leaf pick up.
- A permit to install (PTI) for sewer separation has been submitted and approved.
- A Village news letter addressing the *sewer separation project*, has been provided to the public.
- A mercury news letter is to be sent out as part of the *Mercury Reduction Plan*.

Mary Beth Cohen  1/21/10 Ohio EPA, Northwest District Office
 Name(s) and Signature(s) of Inspector(s) Date

Elizabeth A. Wick, P.E.  7/21/10 Ohio EPA, Northwest District Office
 Name and Signature of Reviewer Date

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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	S	
	Safety Features	S	
	Bypasses	-	
	Stormwater Overflows	Out	
	Alternate Power Source	-	
Preliminary	Maintenance of Collection Systems		
	Pump Station	In	Three lift stations within sewer system
	Ventilation		
	Bar Screen		
	Disposal of Screenings		
	Comminutor		
	Grit Chamber		
	Disposal of Grit		
Primary	Settling Tanks		
	Scum Removal		
	Sludge Removal		
	Effluent		
Sludge Disposal	Digesters		
	Temperature and pH		
	Gas Production		
	Heating Equipment		
	Sludge Pumps		
	Drying Beds		
	Vacuum Filter		
	Disposal of Sludge		
Other	Flow Meter and Recorder	In	Ultrasonic Flow Meter located at the chlorine contact tank
	Records		
	Lab Controls		(located at the water treatment plant)
	Chemical Treatment		
Secondary Tertiary	Lagoon (original)	In	Influent enters the north lagoon ad flows in series through the south lagoon
	Lagoon / Equalization Basin	In	
	Aerators (4 per cell)	In	Two aerators running in each lagoon (one down and needs to be repaired)
	Barley Straw	In	It was indicated that the barley straw was in use (ready to be changed)
Disinfection	Effluent	S	Slight green cast in effluent
	Disinfection System	In	Chlorination in use (flow paced)
	Effective Dosage		
	Contact Time		
	Contact Tank	In	
	Dechlorination	In	Sodium Thiosulfate used for dechlorination

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Village of Woodville Effluent Violations

February 2008 - August 2009

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00052*JD	January 2010	001	80082	CBOD 5 day	30D Conc	15	24.875	1/1/2010
2PB00052*JD	January 2010	001	80082	CBOD 5 day	30D Qty	17	17.0646	1/1/2010
2PB00052*JD	January 2010	001	80082	CBOD 5 day	7D Conc	23	24.5	1/8/2010
2PB00052*JD	January 2010	001	80082	CBOD 5 day	7D Conc	23	26.5	1/15/2010
2PB00052*JD	January 2010	001	80082	CBOD 5 day	7D Conc	23	30.	1/22/2010
2PB00052*JD	February 2010	001	00530	Total Suspended Solids	30D Conc	25	26.	2/1/2010
2PB00052*JD	February 2010	001	80082	CBOD 5 day	30D Conc	15	19.5112	2/1/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	30D Conc	25	30.5	3/1/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	30D Qty	28	77.0262	3/1/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	7D Qty	40	66.3434	3/1/2010
2PB00052*JD	March 2010	001	80082	CBOD 5 day	30D Qty	17	27.2020	3/1/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	7D Qty	40	116.687	3/8/2010
2PB00052*JD	March 2010	001	80082	CBOD 5 day	7D Qty	26	45.6839	3/8/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	7D Qty	40	58.7293	3/15/2010
2PB00052*JD	March 2010	001	00530	Total Suspended Solids	7D Qty	40	55.6622	3/22/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	30D Conc	25	30.375	4/1/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	7D Conc	35	36.5	4/1/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	30D Qty	28	68.6963	4/1/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	7D Qty	40	110.836	4/1/2010
2PB00052*JD	April 2010	001	80082	CBOD 5 day	30D Qty	17	23.8632	4/1/2010
2PB00052*JD	April 2010	001	80082	CBOD 5 day	7D Qty	26	39.5638	4/1/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	7D Qty	40	91.6007	4/8/2010
2PB00052*JD	April 2010	001	80082	CBOD 5 day	7D Qty	26	31.2496	4/8/2010
2PB00052*JD	April 2010	001	00530	Total Suspended Solids	7D Qty	40	43.0411	4/15/2010
2PB00052*JD	May 2010	001	00530	Total Suspended Solids	30D Qty	28	79.1817	5/1/2010
2PB00052*JD	May 2010	001	80082	CBOD 5 day	30D Qty	17	26.8386	5/1/2010
2PB00052*JD	May 2010	001	00530	Total Suspended Solids	7D Qty	40	118.074	5/8/2010
2PB00052*JD	May 2010	001	31616	Fecal Coliform	7D Conc	2000	6033.24	5/8/2010
2PB00052*JD	May 2010	001	80082	CBOD 5 day	7D Qty	26	40.6313	5/8/2010
2PB00052*JD	May 2010	001	00530	Total Suspended Solids	7D Qty	40	141.112	5/15/2010
2PB00052*JD	May 2010	001	31616	Fecal Coliform	7D Conc	2000	4049.69	5/15/2010
2PB00052*JD	May 2010	001	80082	CBOD 5 day	7D Qty	26	44.0712	5/15/2010

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