



**Environmental
Protection Agency**

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



1PB0003920080128

CHAMPAIGN NORTH LEWISBURG WWTP

MILLER, JOSEPH 2008/01/28



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-6249
www.epa.state.oh.us

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

January 28, 2008

Mayor and Council
Village of North Lewisburg
P.O. Box 243
North Lewisburg, OH 43060

**RE: Reconnaissance Inspection (RI)
Village of North Lewisburg Wastewater Treatment Plant
NPDES Permit 1PB00039*ED/OH0023582
North Lewisburg, Champaign County**

Mayor and Council:

On January 24, 2008, I met with representatives of the Village of North Lewisburg and Stantec Consulting. Andy Yoder, Village Administrator, and Jennifer Ganson, wastewater operator, represented the Village. Gary Silcott and John Grosse represented Stantec Consulting. Stantec Consulting provides contract operation and design work for the Village. Following our meeting, I conducted a Reconnaissance Inspection of the wastewater treatment plant to review the progress of plant improvements.

Overall, the plant was rated as Satisfactory; major improvement was noted from the previous inspection. See the attached inspection report for details.

Provide a response to the "Items Requiring a Response" section of the inspection report by **February 28, 2008**. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,

Joe Miller
Division of Surface Water
Compliance and Enforcement

CC: Dennis Deniro, Ohio EPA-DEFA
Mike Galloway, DSW, CDO
Champaign County Health Department
John Grosse, Stantec Consulting
Gary Silcott, Stantec Consulting

**North Lewisburg Wastewater Treatment Plant
Reconnaissance Inspection
January 24, 2008**

Overview

The North Lewisburg wastewater treatment works expansion and upgrade was completed the end of October 2007. The wastewater treatment plant was converted from a sequencing batch reactor (SBR) to a membrane bio-reactor (MBR), while increasing capacity from 0.17 MGD to 0.42 MGD.

Cold weather and technical issues with startup were affecting plant performance. Effluent quality has been very good since the wastewater treatment plant improvements went online. The only effluent limitation violations noted were failure to meet dissolved oxygen minimums due to false blower faults in the electrical system. These issues along with problems with the headworks (grinder/auger) are in the process of being corrected.

Typical membrane bio-reactor effluent characteristics have been non-detection of CBOD5 and total suspended solids as well as very low ammonia levels. Phosphorus effluent levels are such that in order to meet proposed limitations, chemical addition may be necessary.

208 Facility Planning

Due to timing with wastewater improvements, the schedule for submitting facility planning updates has been extended in the draft NPDES permit.

Log Book

The operator log book discussed in the last inspection report has been implemented.

Flow

Since the correction of inflow and infiltration issues in the mobile home park on the west side of town, flow values appear to have been reduced. Current observed average flow is 0.16 MGD.

Woodstock

The Village of Woodstock's wastewater treatment is provided by the Village of North Lewisburg. Woodstock officials have challenged the method of billing in the current service contract. The two villages are currently negotiating in order to reconcile the service contract dispute.

ITEMS REQUIRING A RESPONSE

Operator of Record Notification Form – Submit the enclosed form to the address listed on the form. Provide a copy to the Southwest District Office.



State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

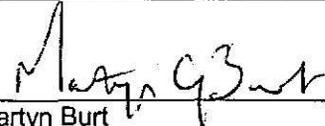
Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00039*ED	OH0023582	1/24/2008	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of North Lewisburg WWTP 9984 State Route 245 North Lewisburg, OH 43060	9:30 AM	5/1/2006
	Exit Time	Permit Expiration Date
	12:40 PM	6/30/2007
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Andy Yoder, Village Administrator Jennifer Ganson, Wastewater Operator Gary Silcott, Stantech Consulting John Grosse, Stantech Consulting	937-747-2200	
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council Village of North Lewisburg P.O. Box 243 North Lewisburg, OH 43060	937-747-3645	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
M	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
N	Facility Site Review	S	Sludge Storage/Disposal	N	Other
S	Collection System				

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

The WWTP upgrade was completed the end of October 2007. Since startup, the effluent quality has been very good with the exception of dissolved oxygen violations due to false blower faults. Startup issues with the headworks and electrical system are being addressed.

Inspector	Reviewer
 Date: 1/28/08	 Date: 1/28/08
Joseph Miller Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office



Operator of Record (ORC) Notification Form

Ohio Environmental Protection Agency
 Division of Drinking and Ground Waters
 Operator Certification Unit
 50 West Town St, Suite 700
 P.O. Box 1049
 Columbus, OH 43216-1049

Phone: (614) 644-2752
 1- 866 - 411-OPCT (6728)
 Fax: (614) 644-2909
 email: opcert@epa.state.oh.us
 website: www.epa.state.oh.us/ddagw/opcert.html

I. SYSTEM INFORMATION

Name of System: _____ Phone Number: _____

PWS ID/NPDES Permit #: _____ STU # _____ Classification: _____

Name of Facility Owner or Permittee, Title (Print) _____ Facility Owner or Permittee (Signature) _____

II. SYSTEM TYPE (Check only one of the following. Use additional sheets if necessary.)

Public Water System (PWS)	Distribution System	Treatment Works	Collection System

III. OPERATOR OF RECORD INFORMATION

Add Additional(A), New (N) or Remove(R)	Name of Operator of Record	Certification Number & Expiration Date	I verify that I am the onsite certified operator responsible for the technical operation of the above referenced facility. (Signature of certified operator)*

* A signature by an operator of record who is being removed is not required.
 (Attach additional sheets if necessary.)

Amount of time an ORC spends onsite at the Facility: _____

For Internal Use Only	
Reviewed by:	Date of SDWIS update:
Date of Compliance Status Letter:	