



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

Re: Wood County
Elmwood Schools
NPDES

February 8, 2008

Mr. Steve Pritts, Superintendent
Elmwood Local Schools
7650 Jerry City Road
Bloomdale, OH 44817

Dear Mr. Pritts:

On January 16, 2008, I made an inspection of the wastewater treatment plant (WWTP) that serves the Elmwood Schools located on the north side of Jerry City Road just west of Reynolds Rd., Wood County. Mr. Bill Wachter and Mr. Simon Gundy, both of Northwestern Water and Sewer District (NWWSD), were present to provide information and to answer any questions.

The WWTP that serves the Elmwood Schools is a 30,000 gallon per day package treatment plant that was installed in 2003. This WWTP discharges to an unnamed tributary to Eckert Ditch.

At the time of the inspection, all treatment components were in operation. The sludge holding tank and equalization tanks were aerated. The first third of the aeration tank is being bypassed to make the tanks smaller in an attempt to get better treatment. The mixed liquor in the aeration tank had good color and aeration. The sludge return and skimmer were in. The weirs in the clarifiers were clean and free of sludge. Both sand filters were clean and free of sludge and weeds. Disinfection has not yet started. The chlorine contact tank is aerated.

A review of the monthly operating reports shows that the operations of the plant have improved since NWWSD has taken over. There does continue to be some problems with meeting the National Pollutant Discharge Elimination System (NPDES) permit limits for ammonia.

The NPDES permit will expire at the end of February, 2008. You will receive a draft renewal permit in the near future. Please review this draft permit and notify us if you have any comments.

A copy of our inspection report is enclosed. If you have any questions, please feel free to contact me at (419) 373-3016.

Sincerely,

Patricia A. Tebbe, P.E.
Division of Surface Water

/lb
enclosures

pc: Dan Wickard, NWWSD

DSW-NWDO file

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
<u>2PT00038*AD</u>	<u>OH0130621</u>	<u>08/01/16</u>	<u>C</u>	<u>S</u>	<u>1</u>

Section B: Facility Data

Name and Location of Facility Inspected Elmwood Schools WWTP 7650 Jerry City Rd Bloomdale, OH 44817	Entry Time	Permit Effective Date
	Exit Time	Permit Expiration Date
	10:15 am	March 1, 2003
		February 28, 2008

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Simon Gundy, NWWSD Bill Wachterl, NWWSD	419-354-9090

Name, Address and Title of Responsible Official	Phone Number
Mr. Steve Pritts, Superintendent	419-655-2681

Section C: Areas Evaluated During Inspection

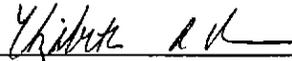
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<u>S</u> Permit	<u>S</u> Flow Measurement	---- Pretreatment
<u>S</u> Records/Reports	<u>N</u> Laboratory	---- 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>S</u> Sludge Storage/Disposal	---- Other
<u>N</u> Collection System		

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


 Patricia A. Tebbe, P.E., Inspector

2/7/08, Ohio EPA, Northwest
 Date


 Elizabeth A. Wick, P.E., Reviewer

2/5/08, Ohio EPA
 Date

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 Copy sent to
 Setler

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	by passed right to eq basin; trash had scooped from eq basin, to landfill
		Grease Trap	
		Bar Screen	
		Comminutor	
	1	Flow Equalization	aerated
Aeration Equipment		Plant On Timer Motor/ Blower Unit In	
Secondary Treatment	2 trains	Aeration Tank	Color : good; Adequate Aeration: Y <u>x</u> N ___ bypass first tanks
Final Settling	2	Clarifier	weirs clean, effluent appears clear
	2	Sludge Return	In <u>x</u> Out
	2	Surface Skimmer	In <u>x</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	some leaking from distribution box
		Polishing Pond	
		Other	
Disinfection	out	Contact Tank	aerated
	out	Chlorine Tube Feeder	
	out	Dechlorination Tube Feeder	
	x	Ultraviolet (UV)	plan to switch to uv
Flow Metering	in	Elapsed Pump Time	hour meter off raw influent
	in	Recorder (continuous total)	ultrasound meter for flow
Pumps	in	Raw Wastewater (type)	duplex
	in	Sand Filter Effluent Dosing	alarmed
Sludge Handling	in	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	S	Municipal POTW	sludge hauled to BG WWTP
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
	x	Other	lime added to aeration for alkalinity