



**Environmental
Protection Agency**

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



1PC0001320080829

GREENE YELLOW SPRINGS WWTP

ZIMMERMAN, MICH 2008/08/29



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-5249
www.epa.state.oh.us

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

September 26, 2008

Village of Yellow Springs
Attn: Mr. Eric Swanson
100 Dayton Street
Yellow Springs, Ohio 45387

**Re: Village of Yellow Springs WWTP
NPDES Permit No. 1PC00013*HD; OH0028215
NPDES Compliance Inspection Report**

Dear Mr. Swanson:

On August 27, 2008, I conducted an NPDES permit Reconnaissance Inspection at the Village wastewater treatment plant. Mr. Joe Bates represented the Village during the inspection. The purpose of the inspection was to evaluate compliance with the terms and conditions of the NPDES permit.

A copy of the inspection report is enclosed. Several areas evaluated received "Marginal" ratings primarily because only one clarifier was in operation and because of the relatively high concentration of biosolids in the treatment system.

Please provide a written update on the status of biosolids removal at the plant, and an update on the action items listed in this report. If you have any questions, don't hesitate to contact me at (937) 285-6102 or by email at mike.zimmerman@epa.state.oh.us.

Sincerely,

Michael W. Zimmerman
Division of Surface Water

Copy: Joe Bates, Village of Yellow Springs (w/ report)



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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
1PC00013*HD	OH0028215	08/27/2008	R	S	1

Section B: Facility Data			
Name and Location of Facility Inspected		Entry Time	Permit Effective Date
Village of Yellow Springs WWTP 3835 Grinnell Road Yellow Springs, Greene County Mailing: 100 Dayton Street Yellow Springs 45387		3:00 pm	9/1/2005
		Exit Time	Permit Expiration Date
		3:30 pm	8/31/2010
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)	
Joe Bates, Superintendent, Water & Wastewater		(937) 767-7208	
Name, Address and Title of Responsible Official		Phone Number	
Eric Swanson, Village Manager 100 Dayton St., Yellow Springs 45387		(937) 767-1279	

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

Section D: Summary of Findings (Attach additional sheets if necessary)
Refer to attached report.

Inspector	Reviewer
 Michael W. Zimmerman Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
9-26-08 Date	9/29/08 Date

Observations/ Findings:

The village's solids handling contractor, Synagro, was onsite operating a mobile sludge dewatering belt filter press. They began sludge processing on August 22nd. Approximately 90,000 gallons of liquid sludge had been pumped and dewatered over five days. Mr. Bates indicated the MLSS concentration in the aeration basins was high, around 6000 mg/l. Two aeration basins were operating; the other two were being used for sludge holding.

Only one of the two clarifiers (west) was online. Mr. Bates stated the gear box in the east clarifier broke down in July, 2008. He indicated a new gear box was on-site and would be installed very soon. In a follow-up telephone conversation with Joe Bates on September 19th, he confirmed the gear box had been replaced. He indicated the east clarifier was operational but was being used to hold wastewater. They were going to start pumping and treating that wastewater.

The final effluent was relatively clear as observed in the final chamber of the chlorine contact tank. However the walls of the tank were covered with algal growth with clumps breaking off and flowing to the outfall pipe.

The Yellow Springs WWTP is designed to treat an average daily flow of 0.6 MGD. The flow rate on August 27, 2008 was 0.326 MGD.