



**Environmental  
Protection Agency**

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



\*1PC0001320091203\*

GREENE

YELLOW SPRINGS WWTP

ZIMMERMAN, MICH 2009/12/03



State of Ohio Environmental Protection Agency

**Southwest District Office**

401 E. Fifth St.  
Dayton, Ohio 45402

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[www.epa.state.oh.us](http://www.epa.state.oh.us)

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

December 3, 2009

Village of Yellow Springs  
Attn: Mr. Mark Cundiff  
100 Dayton Street  
Yellow Springs, Ohio 45387

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

Dear Mr. Cundiff:

On November 6, 2009, I conducted an NPDES permit Compliance Inspection at the Village wastewater treatment plant. Mr. Joe Bates, Superintendent, was present 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 parameters evaluated during the inspection received "Marginal" ratings. Refer to the attached report for additional observations and findings.

The Village must submit a written noncompliance report, either by email or in hard copy, to this office describing the reasons for the September, 2009, final effluent limitation violations listed in the report and the steps taken to reduce, eliminate, or prevent recurrence of these violations. 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](mailto:mike.zimmerman@epa.state.oh.us).

Sincerely,

Michael W. Zimmerman  
Division of Surface Water

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





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	11/06/2009	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
	3:45 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	
Mark Cundiff, 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	N	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	M	Effluent/Receiving Waters	N	Self-Monitoring Program
M	Facility Site Review	N	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
Refer to attached page.	
Inspector	Reviewer
 Michael W. Zimmerman Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
12-3-09 Date	12/3/09 Date



**Observations/ Findings:**

Construction of the new overflow basin was occurring at the time of the inspection (started in late October, 2009). As of December 2, 2009, it was approximately 90% complete but had not yet been seeded.

One clarifier was in operation; the second clarifier (east) had been taken out of service for maintenance and refurbishing (including a rebuilt drive mechanism). In a follow-up telephone conversation with Joe Bates on December 2, he indicated they were planning to have it back on line, with new baffles, in January, 2010. Considerable scum and solids was observed on the surface of the operating clarifier.

Three aeration basins were on-line during the inspection. Air distribution in one of the basins was uneven and heavy in several areas (as indicated by several pockets of heavy bubbling).

The final effluent was relatively clear as observed in the final chamber of the chlorine contact tank. However, clumps of floating solids were flowing over the parshall flume to the final outfall.

Final effluent limit violations are listed as follows:

**Yellow Springs WWTP Numeric Limitation Violations – Outfall 001  
Review Period – August, 2008 through October, 2009**

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2009	001	Total Suspended Solids	30D Conc	18	23.375	9/1/2009
September 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	1.5	5.07875	9/1/2009
September 2009	001	Nitrogen, Ammonia (NH3)	30D Qty	3.4	6.1664	9/1/2009
September 2009	001	Total Suspended Solids	7D Conc	30	39.5	9/8/2009
September 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	7.805	9/15/2009
September 2009	001	Nitrogen, Ammonia (NH3)	7D Qty	5.2	8.61269	9/15/2009
September 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	11.125	9/22/2009
September 2009	001	Nitrogen, Ammonia (NH3)	7D Qty	5.2	14.4724	9/22/2009

**Items Requiring Action:**

1. Maintenance and modifications to the second final clarifier must be completed as soon as possible so that it can be placed into service if necessary.
2. Clumps of floating solids must be eliminated from the final effluent.
3. The Village must submit a noncompliance report by email or hard copy to this office describing the causes of the September, 2009 violations listed above and the steps taken to reduce, eliminate, or prevent recurrence.

