



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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www.epa.state.oh.us

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

Re: Ashland County
Village of Hayesville
NPDES Permit

February 10, 2009

Mr. Dan Beasley, Village Administrator
Village of Hayesville
P. O. Box 246
Hayesville, Ohio 44838

Dear Mr. Beasley:

On January 29, 2009, an inspection was made of the Hayesville wastewater treatment plant located at the eastern end of Water Street. Mr. Marc Morgan, your certified operator, was present to answer any questions regarding the plant operations. At the time of the inspection all major treatment units appeared to be functioning normally. A clear final effluent was being discharged to the receiving stream. No major concerns were noted.

Mr. Morgan indicated that a bypass valve had been installed in the sand filter dosing station and that the sand filters were currently being bypassed. The media in the filters apparently contains excessive "fines" that blind off the collection pipes in the bottom of the filters that leads to the filters overflowing onto the ground. While we do not approve of the bypassing of any treatment unit, the bypassing of the filters is an acceptable interim alternative to them overflowing onto the ground. Mr. Morgan indicated that the plan is to replace the filter media this coming spring. Please keep our office apprised of this situation.

A review of the discharge monitoring reports submitted to our office for the months of July through December 2008 revealed one violation of the limits contained in the NPDES permit. This was for violating the Dissolved Oxygen limit in December. We are pleased to see that the plant is running very well and maintains compliance with the limits in the permit.

Please contact me at 419-373-3070 with any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: ~~DSW-NWDO~~
Mark Morgan, City of Mansfield WWTP

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PA00089

Facility Name Village of Hayesville WWTP Expiration Date 7/31/2009

Facility Address Water St Date _____ Time _____ am/pm

City Hayesville County Ashland Township _____

Name and Address of Owner _____

Person Contacted Marc Morgan Owner Phone _____

Flow: Design 60,000 GPD Present 14,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 29° sunny

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: tributary to Old Town Run

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has excellent _____ good _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have excellent _____ good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) Filter maloperation

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	_____
_____	_____
_____	<input checked="" type="checkbox"/>

Chlorination Tablets
 Dechlorination Tablets
 U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations _____ X _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Marc Morgan

Frequency of Visits 3/week

Facility Name: Hayesville WWTTP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	replaced EQ pumps with vortex type to prevent clogging
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	one runs for EQ/Aeration blowers are alternated weekly
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>Fairly clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Fixed Media Clarifier	<i>use only 1/2 at a time</i>
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>currently bypassing filters / bad sand</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>out for season</i>
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>okay</i>
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type)	<i>okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>Have hauled out liquid</i>
	<input checked="" type="checkbox"/>	Sludge Drying Bed	<i>Some small amount of dried sludge</i>
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
	<input checked="" type="checkbox"/>	Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	