



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Village of Hayesville
NPDES Permit

May 25, 2011

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

Dear Mr. Beasley:

On May 11, 2011, an inspection was made of the Hayesville wastewater treatment plant located at the eastern end of Water Street. 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.

The skimmer line on the southernmost clarifier was plugged during the inspection. This line should be cleared of any blockage. The flow meter vault should also be cleaned. Sludge was noticeable on the baffling as well as the sides of the tank.

A review of the discharge monitoring reports submitted to our office for the months of November 2010, through April 2011, revealed one violation of the limits contained in the NPDES permit. This violation was for not meeting the dissolved oxygen limit in the December 29, 2010, sample.

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-File
Mark Morgan

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PA00089

Facility Name Village of Hayesville Expiration Date 8/31/2014

Facility Address Water St Date 5/11/11 Time 3:00 am (pm)

City Hayesville County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 60,000 GPD Present 20,000-40,000 GPD (metered) - estimated

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° 54°

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: trib to Oldtown 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) _____

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	U.V.

Yes No

4. Compliance with NPDES Permit _____

Periodic Violations Y N Parameters: _____
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Yvonne Morgan

Frequency of Visits 3/week

Facility Name: Hayesville WWTTP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	2	Flow Equalization	okay
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
	2	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	2	Aeration Tank	Color: <i>great color</i> Adequate Aeration: <u>Y</u> <u>X</u> N
Final Settling	2	Clarifier	<i>great clarity</i> / <i>some floatables in south due to plugged skimmer</i>
	2	Sludge Return	In <u>X</u> Out <u> </u> all 4 good
	2	Surface Skimmer	In <u>X</u> Out <u>X</u> South plugged
	2	Fixed Media Clarifier	<i>Fast in use probably time to switch - heavy sludge or media</i>
Tertiary Treatment	2	Surface Sand Filter <i>All 4 beds in good shape</i>	<i>Southwest & northeast in use</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	2	Ultraviolet (UV)	<i>on</i>
Flow Metering		Elapsed Pump Time	
	2	Recorder (continuous total)	<i>meter pit needs cleaned</i>
Pumps	2	Raw Wastewater (type) <i>submersible</i>	<i>okay</i>
	2	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	2	Aerated Storage Tank	<i>good</i>
	2	Sludge Drying Bed	<i>Both beds have some dried material</i>
Sludge Disposal		Municipal POTW	
		Landfill	
	2	Land Application	<i>Hauled 14 tons last year</i>
Advanced Treatment	2	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	