



**Environmental
Protection Agency**

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

Re: Ashland County
Village of Hayesville
NPDES Permit

March 6, 2012

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

Dear Mr. Beasley:

On February 15, 2012, an inspection was made of the Hayesville waste water 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 sludge storage bin appeared almost full. Please remember that the only approved options for disposal of this material under your National Pollutant Discharge Elimination System (NPDES) permit are to haul it to a landfill or to another NPDES permit holder. Either way, the records of the disposal should be kept for a minimum of five years. This would include hauling receipts and testing records. You currently do not have any authorized sites for land application of sludge.

A review of the discharge monitoring reports submitted to our office for the months of May 2011 through January 2012 revealed two violations of the limits contained in the NPDES permit. One violation was for exceeding the upper pH limit in the June 29, 2011 sample. The other violation was for exceeding the ammonia limit in the October 2011 sample.

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

Sincerely,

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm
Enclosure

pc: Mark Morgan
ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 21A00089

Facility Name Hayesville WWTP Expiration Date 8/31/2014

Facility Address Water St Date 2/15/12 Time 12:15 am/pm

City Hayesville County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 60,000 GPD Present 20,000-30,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 37° sun

OEPA Personnel Walter Ari's 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 2 excellent _____ good _____ fair _____ poor operation
 b. Plant has 2 excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have 2 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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	<input checked="" type="checkbox"/> U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: pH, NH₃

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Marc Morgan

Frequency of Visits 3/week

Facility Name: Hayesville WWTP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	okay
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
	X	Motor/ Blower Unit <i>running</i>	
Secondary Treatment		Aeration Tank	Color: <i>good color & roll in all tanks</i> Adequate Aeration: Y <u>X</u> N
Final Settling	X	Clarifier	<i>very good clarity</i>
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
	X	Fixed Media Clarifier	<i>East in use - very clear / West clear</i>
Tertiary Treatment	X	Surface Sand Filter	<i>using northern 2 - fairly clear</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>out</i>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<i>okay</i>
Pumps	X	Raw Wastewater (type) <i>submersible</i>	<i>okay</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>air off - tank almost full</i>
	X	Sludge Drying Bed	<i>beds probably ready to clean / ^{storage} almost full</i>
Sludge Disposal	X	Municipal POTW	
	X	Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	