



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

Re: Ashland County
Village of Hayesville
NPDES Permit

January 3, 2013

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

Dear Mr. Beasley:

On December 7, 2012, an inspection was made of the Hayesville wastewater treatment plant (WWTP) 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. A few minor concerns were noted with the treatment plant operations.

There was a notable amount of grease and rags located on the ground near the influent lift station. This material is most likely from pump maintenance and should be cleaned up and disposed of in the trash. Inspection of the influent wet well revealed an accumulation of grease on the surface of the water. This grease should be pumped out before it can clog pumps or proceed on to the treatment plant. The weirs in the EQ flow splitter box have accumulated a noticeable amount of string material. This material should be cleaned in order to assure that proper flow splitting occurs between the return to the EQ tank and the treatment plant. If the ultrasonic flow meter has not been calibrated within the last 12 months, this should be completed. The flow meter should be calibrated annually.

A review of the discharge monitoring reports submitted to our office for the months of February through November 2012 revealed several violations of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of the violations has been included for your review. Several dissolved oxygen violations occurred. The amount of air to the post aeration diffuser may need increased to prevent further violations.

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

Sincerely,

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

/jlm
Enclosures
pc: Mark Morgan
ec: Tracking

Get New Data		Hayesville WWTP NPDES permit limit violations February through November 2012						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00089*BD	February 2012	001	00530	Total Suspended Solids	30D Conc	12.0	12.2	2/1/2012
2PA00089*BD	April 2012	001	00530	Total Suspended Solids	7D Conc	18.0	20.	4/22/2012
2PA00089*BD	June 2012	001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	6/6/2012
2PA00089*BD	June 2012	001	00300	Dissolved Oxygen	1D Conc	6.0	5.3	6/13/2012
2PA00089*BD	June 2012	001	00300	Dissolved Oxygen	1D Conc	6.0	4.6	6/20/2012
2PA00089*BD	June 2012	001	00300	Dissolved Oxygen	1D Conc	6.0	4.1	6/27/2012
2PA00089*BD	July 2012	001	31616	Fecal Coliform	7D Conc	2000	4000.	7/1/2012

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PA00089

Facility Name Harpersville WWTP Expiration Date 8/31/2014

Facility Location Water St Date 12/7/12 Time 2:00 PM

City Harpersville County Ashland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted _____ Operator of Record Marc Morgan

Flow: Design 60,000 GPD WWTP Classification: A or X1

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 44° - clouds

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of Effluent on Receiving Stream Name: trib to Oldtown Run

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

3. a. Plant has 8 excellent _____ good _____ fair _____ poor _____ operation
 b. Plant has 8 excellent _____ good _____ fair _____ poor _____ maintenance
 c. Sand filters have 8 excellent _____ good _____ fair _____ poor _____ maintenance- N/A

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"/>	Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations X Y N Parameters: DO, TSS, fecal

Chronic Violations X

5. O & M logbook kept and available on site: Location In building - not reviewed

6. ? Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies _____

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	clean / clean material in splitter box weir
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> <u>N</u>	Cycle Time:
	X	Motor / Blower Unit <u>running</u>	
Secondary Treatment	X	Aeration Tank	Color: <u>good color to roll</u> Adequate Aeration <u>Y</u> <u>X</u> <u>N</u>
Final Settling	X	Clarifier <u>weirs need cleaned on both trains</u>	<u>good clarity in all</u>
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
	X	Fixed Media Clarifier <u>weir clean + ready</u>	<u>east in use - layer of sludge</u>
Tertiary Treatment	X	Surface Sand Filter <u>NW & SE beds in use</u>	<u>other beds clean + ready</u>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<u>out for season</u>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<u>make sure it calibrated</u>
Pumps	X	Raw Wastewater (type)	<u>need to remove grease + trash</u>
	X	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	X	Aerated Storage Tank	<u>air off - no odors</u>
	X	Sludge Drying Bed <u>holding bin 1/2 full</u>	<u>both drying beds appear ready to be cleaned</u>
Sludge Disposal		Municipal POTW	
		Landfill	
	X	Land Application	
Advanced Treatment	X	Post Aeration	<u>or / may need to increase air</u>
		Spray Irrigation	
		Other	