



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Ashland County
Village of Hayesville
NPDES Permit

August 17, 2009

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

Dear Mr. Beasley:

On July 30, 2009, 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 effluent was being discharged to the receiving stream. No major concerns were noted.

It was noted that the winch on the sludge holding tank decant arm had broken loose from its concrete base. The winch base should be repaired as soon as possible to allow for decanting of water from the sludge before sending it to the drying beds. The surface sand filters were in use during the inspection. Please provide an update to our office as to whether the media within the filters was replaced as discussed this past spring.

A review of the discharge monitoring reports submitted to our office for the months of January through June 2009, revealed one violation of the limits contained in the NPDES permit. This was for violating the total suspended solids limit in February. It is believed that the sand filters were still being bypassed during this period, which most likely contributed to the violation. We are pleased to see that the plant continues to run fairly well and maintains compliance with the limits in the permit.

Our office has issued your renewed NPDES permit which becomes effective on September 1, 2009. This permit contains two new monitoring tables, one for sanitary sewer overflows and the other for sludge disposal. Please make sure that your operator is familiar with the new permit prior to the start of September.

Mr. Dan Beasley, Village Administrator
August 18, 2009
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Please contact me at (419) 373-3070 with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Ariss". The signature is fluid and cursive, with the first name "Walter" being more prominent than the last name "Ariss".

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. 2WA00087

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

Facility Address Water St. Date 7/2/09 Time 12:15 am PM

City Hayesville County Ashtabula 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 75° sun

OEPA Personnel Walker 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) _____

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: TSS

Chronic Violations _____ Y _____

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	okay
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color to roll</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>very 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>only using one side/very clear</i>
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>with two filters in use</i>
		Polishing Pond	<i>all four very clear</i>
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	okay
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	okay
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type)	<i>lift station okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	okay
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>decant which needs repaired</i>
	<input checked="" type="checkbox"/>	Sludge Drying Bed	<i>beds have dried layer of 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	<i>on</i>
		Spray Irrigation	
		Other	
	<input checked="" type="checkbox"/>	<i>sludge holding bin</i>	<i>bin approximately half full</i>