



State of Ohio Environmental Protection Agency

Northwest District Office

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www.epa.state.oh.us

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

Re: Henry County
Country View Haven
NPDES Permit

December 2, 2008

Henry County Commissioners
Henry County Court House
Napoleon, Ohio 43545

Dear Commissioners:

On October 8, 2008 an inspection was conducted on the Country View Haven Wastewater Treatment Plant by Dana Martin-Hayden. Mike Kreuger was present and indicated that Eastwood Environmental, Inc. is in charge of operation and maintenance of the facility. This plant currently has a National Pollutant Discharge Elimination System (NPDES) Permit (Number 2PG00111). No samples were taken to verify compliance with permit limits.

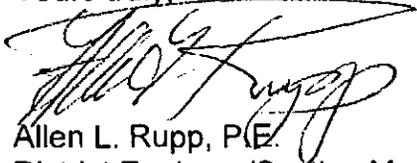
During the visit, all treatment units were in operation and a clear effluent was present in the chlorine contact tank prior to discharge. The following observations were made:

1. The wastewater in the aeration tank was a dilute brown color.
2. The blower in service had loose belts.
3. A growth of algae was present on the weirs of the clarifier.
4. The clarifier effluent was clear; however the water in the clarifier was brown with pin floc.
5. The sludge return to the aeration tank was not operating during the inspection.
6. Both sand filters appeared to be working properly, except that the distribution box had a hole in the concrete around the north outlet pipe. A flexible pipe had been placed in the distribution box to prevent wastewater from discharging through the hole. The concrete needs to be repaired.
7. Sludge from the sand filters has been stored on the east side of the sand filters. About one third of this sludge had been removed since our previous inspection.

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On November 5, 2008, Dana Martin-Hayden returned to the facility and observed that the sludge east of the sand filters had been removed.
Enclosed is our completed inspection report. If you have any questions, please call Ms. Dana Martin-Hayden at (419) 373-3067.

Yours truly,



Allen L. Rupp, P.E.
District Engineer/Section Manager
Division of Surface Water

/csl

Enclosure

pc: C:\DSW-NWDO File
Derrick Chennault, Eastwood Environmental, Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PG0111

Facility Name Country View Haven Expiration Date 11/30/08
 Facility Address R-585 Road 15 Date 10/08/08 & 11/5/08 Time 3:03
 City Napoleon County Henry Township Napoleon
 Name and Address of Owner Henry County Commissioners, Henry County Courthouse, Napoleon, OH 43545
 Person Contacted Mike Kreuger Owner Phone 419-592-8075
 Flow: Design 10000 GPD Present _____ GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70 ° cloudy _____
 OEPA Personnel Dana Martin-Hayden District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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: Van Hyning Creek (Not observed)

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X 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	
<u>X</u>	_____	Chlorination Tablets
<u>X</u>	_____	Dechlorination Tablets
_____	_____	U.V.

Yes No

4. X _____ Compliance with NPDES Permit
 Periodic Violations X Y N _____ Parameters: _____
 Chronic Violations _____
 5. X _____ Adequate plant safety
 6. X _____ Operation and Maintenance Service Name Eastwood Environmental

Frequency of Visits 1/week

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Very light brown - Well Aerated
Aeration Equipment	2	Plant Timer ___Y_X___N	Cycle Time: Continuous
		Motor/ Blower Unit	Running: 2 loose belts on South Blower
Secondary Treatment	2	Aeration Tank	Color : Very light brown - laundry day Adequate Aeration: Y_X___N___
Final Settling	1	Clarifier	Skimmer below wastewater surface, algae on wiers and tank surface. Waste water brown with pin floc.
	1	Sludge Return	In ___ Out _X_
	1	Surface Skimmer	In _X_ Out ___ very light brown low solids
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	They have been cleaned.
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	In
	1	Dechlorination Tube Feeder	In
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Effluent	
	2	Sand Filter Effluent Dosing	Sludge present at top of tank platform. Large growth of very tall algae present on tank platform.
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	2/3's of sludge still present on east side of the sand filters. Must be removed and disposed of properly.