



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
Ashland County JVS
NPDES permit

September 3, 2008

Mr. Mike McDaniels, Superintendent
Ashland County-West Holmes JVS
1783 State Route 60
Ashland, Ohio 44805

Dear Mr. McDaniels:

On August 14, 2008, an inspection was made of the wastewater treatment facilities serving the Ashland County-West Holmes JVS and the neighboring Heartland Home located at 1783 State Route 60, Vermillion Township, Ashland County. At the time of the inspection all major components of the treatment system were in operation and functioning properly.

It was noted that the pipe leading from the sand filter distribution box to the northern filter bed was leaking at the joint with the distribution box. This joint should be grouted so that it does not leak. It was also noted that while the amount of weeds was less than during previous inspections, the sand filter beds still need to be weeded and raked clean.

A review of the discharge monitoring reports submitted to our office for the time period of December 2007, through July 2008, revealed several violations of the limits contained in your NPDES permit. As was the case during our previous inspection, the majority of the violations were for exceeding the pH limit. You should take steps to assure that no acid or base compounds are being disposed from the school building. These types of wastes could be contributing to the occurrence of these violations. It was also observed that the flow rates for the months of May and June were 10 times higher than the months before or after. Please contact our office regarding the cause of these higher than normal flow rates.

If you have any questions please give me a call at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: Mark Morgan, City of Mansfield WWTP w/enclosure
DSW-NWDO File w/enclosure >

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2 PT00011

Facility Name Ashland-West Holmes JVS Expiration Date 12/31/2009

Facility Address 1783 SR 60 Date 8/14/08 Time 3:30 am (pm)

City Ashland County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 40,000 GPD Present 10,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 74° rain/sunny

OEPA Personnel Walter Aciss 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: -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 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"/>	_____ Chlorination Tablets
<input checked="" type="checkbox"/>	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: pH
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Marc Morgan

Frequency of Visits ?

Facility Name: Ashland - West Holmes JVS

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <u>?</u>
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>	Cycle Time:
		Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>fairly turbid, look like muddy water</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>fix leak around northern pipe from d box</u>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<u>have tablets</u>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<u>have tablets</u>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<u>on filter dosing</u>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	
	<input checked="" type="checkbox"/>	Sludge Drying Bed	<u>not in use</u>
Sludge Disposal	<u>2</u>	Municipal POTW	
	<u>4</u>	Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	