



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

June 26, 2007

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

Dear Mr. McDaniels:

On June 21, 2007, 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.

Several of the issues mentioned during our previous inspection appeared to have been addressed. The electrical wiring to the sand filter dosing station had been run in electrical conduit and buried. A new cover had been provided for the sand filter distribution box. It also appeared that new piping had been run for the sludge return in the northern part of the plant, and from the filter dosing station to the filter distribution box. It also appeared that the piping in the southern sand filter had been replaced with some type of upflow distribution. We are concerned that this may lead to freezing in the winter time. Please provide us with a written description of how this new distribution set up will work. It was also noted that the northern sand filter bed needs to be weeded.

A review of the monthly operating reports submitted to our office for the time period of November 2006 through April 2007 revealed six limit violations for the parameters contained in your NPDES permit. These violations were all for pH excursions. We are pleased to see that the plant runs fairly well and maintains compliance with the permit.

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
◀ DSW=NWDO File

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

NPDES Permit No. 2PT00011

Facility Name Ashland West Holmes JVS Expiration Date 12/31/09

Facility Address 1783 SR 60 Date 6/21/07 Time 2:30 am/pm

City Ashland County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 40,000 GPD Present 5000-10,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 84° sunny

OEPA Personnel Walter 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: Unnamed trib Oldtown Run - 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 <input checked="" type="checkbox"/>	OUT _____
<input checked="" type="checkbox"/>	_____ Chlorination Tablets
_____	_____ 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 Haves JVS

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	✓	Trash Trap	Pumping Frequency: <u>2</u>
		Grease Trap	Pumping Frequency:
	✓	Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <u>Y</u> <u>✓</u> <u>N</u> Motor/ Blower Unit <u>running</u>	Cycle Time:
Secondary Treatment	✓	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <u>✓</u> <u>N</u>
Final Settling	✓	Clarifier	<u>look good, some pin floc</u>
	✓	Sludge Return	In <u>✓</u> Out <u>both sides</u>
	✓	Surface Skimmer	In <u>✓</u> Out <u>both sides</u>
		Fixed Media Clarifier	
Tertiary Treatment	✓	Surface Sand Filter	<u>northern filter needs weeded</u> <u>southern has new piping</u>
		Polishing Pond	
		Other	
Disinfection	✓	Chlorine Tube Feeder	<u>ok</u>
	✓	Dechlorination Tube Feeder	<u>ok</u>
		Ultraviolet (UV)	
Flow Metering	✓	Elapsed Pump Time	<u>on filter dosing pumps</u>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	✓	Sand Filter Effluent Dosing	<u>electrical all run in conduit & buried</u>
Sludge Handling	✓	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	