



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

January 11, 2008

Mike McDaniels, Superintendent  
Ashland County-West Holmes JVS  
1783 S.R. 60  
Ashland, Ohio 44805

Dear Mr. McDaniels,

On January 3, 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 S.R. 60, Vermillion Township, Ashland County. At the time of the inspection all major components of the treatment system were in operation and functioning properly.

The distribution piping in both sand filter beds had been replaced with new upflow type distribution arms. Our office remains concerned with freezing of the pipes during winter months. It was also noted that during sand filter dosing, the pumps came on and turned off after a very short period of time. The floats in the filter dosing station should be adjusted so that the filter bed is flooded to a depth of several inches while dosing. This allows for greater time between doses, and the filters can dry out more completely.

A review of the discharge monitoring reports submitted to our office for the time period of May through November 2007 revealed 22 limit violations for the parameters contained in your NPDES permit. Twenty one of these violations were for pH excursions. pH violations are normally accompanied by violations of other parameters. The lack of other violations indicates that the sampling procedure or testing equipment should be checked for errors. It was also observed that the "AH" code was used in several instances on the reporting forms. This code is to be used only when a required sample was not collected. The code "AA" should be used for reporting results below the detection limit.

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

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/lb

Enclosure

pc: Mark Morgan, City of Mansfield WWTP  
NWDO-DSW file

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PT00011

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

Facility Address 1783 SR 60 Date 1/3/08 Time 3:30 am

City Hoyersville, Ashland County Ashland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 40,000 GPD Present 5000-20000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 36° Sunny

OEPA Personnel Walker Aris 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: Unusual trib of Oldman 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	OUT
_____	<input checked="" type="checkbox"/>
_____	<input checked="" type="checkbox"/>
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

4.  Yes \_\_\_\_\_ No \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations  Y \_\_\_\_\_ N \_\_\_\_\_ Parameters: pH - cause should be investigated  
 Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Marc Morgan

Frequency of Visits ?