



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

Re: Ashland County  
Ashland County JVS  
NPDES permit

August 6, 2010

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

Dear Mr. McDaniels,

On July 29, 2010, an inspection was made of the wastewater treatment facilities serving the Ashland County-West Holmes JVS and the Ashland County Service Center located at 1783 S.R. 60, Vermillion Township, Ashland County.

At the time of the inspection there were no chlorine tablets located in the tablet feeder. Disinfection of the effluent is required from May 1 through October 31. Tablets should be added to the feeder immediately. No other concerns were noted with the treatment plant.

A review of the discharge monitoring reports submitted to our office for the time period of February through June 2010 revealed nine violations of the limits contained in your NPDES permit. All of the violations were for exceeding the total residual chlorine limit in May and June. Better attention needs to be paid to the dechlorination tablets in order to prevent these violations.

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

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/lb

Enclosure

pc: ~~NWDD-DSW file w/enclosure~~  
Mark Morgan w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PT00011

Facility Name Ashland Co JUS Expiration Date 11/31/2015  
 Facility Address 1783 SR 60 Date 7/29/10 Time 3:00 am  
 City Ashland County Ashland Township \_\_\_\_\_  
 Name and Address of Owner \_\_\_\_\_

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

Flow: Design 40,000 GPD Present 1,000 - 26,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 85° sun

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: 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 2 excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has 2 excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have 2 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. 2 Compliance with NPDES Permit

Periodic Violations Y N Parameters: chlorine residual

Chronic Violations \_\_\_\_\_

5. 2 Adequate plant safety

6. 2 Operation and Maintenance Service Name Marc Morgan

Frequency of Visits several per week

Facility Name: Ashland Co JVS

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	Screen rusted through
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity</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
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>Both beds very clear / south in use</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>no tablets in feeder</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>have tablets - but feeder not in water</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>or filter dosing</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	