



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Ashland County JVS
NPDES Permit

March 23, 2011

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

Dear Mr. McDaniels:

On February 24, 2011, 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 State Route 60, Vermillion Township, Ashland County.

At the time of the inspection all of the treatment units were in service and appeared to be operating normally. A clear effluent was observed being discharged from the treatment plant. It was noted that no operational records were available at the treatment plant. It is required that a minimum of the last three months of operator logs be kept at the treatment plant for review. This can be done by keeping the log in a weather proof enclosure at the treatment plant; a mailbox would be acceptable.

A review of the discharge monitoring reports submitted to our office for the time period of July 2010, through January 2011, revealed several **violations** of the limits contained in your NPDES permit. All of the **violations** were for exceeding the total residual chlorine limit. Your operator has contacted our office previously in regards to the cause of these violations. A listing of these **violations** has been enclosed for your records.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/l/r

Enclosure

pc: ~~DSW-NWDO-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 Ashtland Co JVS Expiration Date 1/31/2015

Facility Address 1783 SR 60 Date 2/24/11 Time 2:00 am (pm)

City Ashtland County Ashtland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 40,000 GPD Present 1,000-7,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 47° clouds

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 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.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: chlorine residual
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Marc Morgan

Frequency of Visits 3/week

Facility Name: Ashland Co JWS

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 + roll in both tanks</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity in both clarifiers</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>South side in use</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>out</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing station</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	

Get New Data

Ashland Co JVS NPDES permit limit violations July 2010 through January 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PT00011*DD	July 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.29	7/7/2010
2PT00011*DD	July 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.5	7/21/2010
2PT00011*DD	August 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	8/4/2010
2PT00011*DD	September 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.35	9/1/2010
2PT00011*DD	September 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.27	9/8/2010
2PT00011*DD	September 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.3	9/22/2010
2PT00011*DD	September 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.49	9/29/2010
2PT00011*DD	October 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.32	10/6/2010
2PT00011*DD	October 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.39	10/13/2010
2PT00011*DD	October 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.34	10/20/2010
2PT00011*DD	October 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.4	10/26/2010