



**Environmental
Protection Agency**

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

Re: Ashland County
Ashland County JVS
NPDES permit

April 17, 2012

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

Dear Mr. McDaniels:

On March 13, 2012, 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. The operator's log book was reviewed and appeared acceptable. It was noted that the inlet flow splitter box has become extremely rusted and the flow is no longer split evenly between the two treatment trains. We recommend that either a new splitter box be installed or new metal be installed in the existing box.

A review of the discharge monitoring reports submitted to our office for the time period of September 2011 through February 2012 revealed two **violations** of the limits contained in your NPDES permit. One of the violations was for not meeting the effluent pH minimum in the September 28, 2011 sample. The other violation was for not meeting the CBOD limit in the October 2011 sample.

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

Sincerely,

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Mark Morgan

ec: Inspection Tracking

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

NPDES Permit No. 2PT00011

Facility Name Ashtabula Co JVS Expiration Date 11/31/2015

Facility Address 1783 SR 60 Date 3/13/12 Time 1:00 pm

City Ashtabula County Ashtabula Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 40,000 GPD Present 3000-27000 GPD (metered estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 68° 54°

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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: CBOD, pH
 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	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <u>X</u> N
Final Settling	X	Clarifier	<i>great clarity</i>
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<i>both sides very clean south in use</i>
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	<i>out - begin May 7</i>
	X	Dechlorination Tube Feeder	<i>out - begin May 7</i>
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	<i>on filter dosing</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	