



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

Re: Ashland County
Ashland County JVS
NPDES permit

January 3, 2013

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

Dear Mr. McDaniels:

On December 7, 2012, an inspection was made of the wastewater treatment facilities serving the Ashland County-West Holmes Joint Vocational School (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.

A new flow splitter box had been installed following the trash trap. This new splitter appeared to be providing a more balanced division of flow between the two treatment trains.

The operator's log book was reviewed and appeared acceptable. The operators should be noting in the log the days when sludge is wasted and when the trash trap and sludge holding tank are pumped out.

A review of the discharge monitoring reports submitted to our office for the time period of March through November 2012 revealed four **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of these violations has been included for your review.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Ariss".

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

/jlm
Enclosures
pc: Mark Morgan
ec: Tracking

Get New Data		Ashland Co JVS NPDES permit limit violations March through November 2012						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PT00011*DD	June 2012	001	50060	Chlorine, Total Residu	1D Conc	0.038	.2	6/20/2012
2PT00011*DD	July 2012	001	00530	Total Suspended Solids	30D Conc	12.0	15.	7/1/2012
2PT00011*DD	August 2012	001	00530	Total Suspended Solids	1D Conc	18.0	40.	8/1/2012
2PT00011*DD	August 2012	001	00530	Total Suspended Solids	30D Conc	12.0	40.	8/1/2012

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PT00011

Facility Name Ashland Co JVS Expiration Date 1/31/2015

Facility Location 1783 SR 60 Date 12/7/12 Time 1:30 am

City Ashland County Ashland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted _____ Operator of Record _____

Flow: Design 40,000 GPD WWTP Classification: A or XI

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 43° - clouds

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	Color
0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

2. Effect of Effluent on Receiving Stream Name: not observed

No.	Severity Description	Turbidity	Odor	Color
0	None	<input type="checkbox"/> Clear	<input type="checkbox"/> None	<input type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> 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- N/A
 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
_____	_____	Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations X Y N Parameters: 755
 Chronic Violations X

5. O & M logbook kept and available on site: Location mailbox in fence

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I) - 3 days per week for minimum 1.5 hours per week

7. Adequate Plant Safety: Deficiencies _____

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		Plant Timer <u>Y</u> <u>X</u> N Motor / Blower Unit <u>running</u>	Cycle Time: <u>one unit running</u> <u>one backup</u>
Secondary Treatment	X	Aeration Tank	Color: <u>color appears thick</u> Adequate Aeration <u>Y</u> N
Final Settling	X	Clarifier	<u>appear turbid however</u> <u>discharge appears clear</u>
		Sludge Return	In <u>X</u> Out
		Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <u>using sand bed</u>	<u>-needs weeded</u>
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	
		Chlorine Tube Feeder	<u>okay - no tablets</u>
		Dechlorination Tube Feeder	<u>okay - no tablets</u>
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	<u>on filter dosing station</u>
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	X	Aerobic Storage Tank	<u>tank appears very full</u>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	