



**Environmental
Protection Agency**

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

Re: Williams County
Exit One
NPDES Permit

December 7, 2010

Williams County Commissioners
One Courthouse Square
Bryan, Ohio 43506

Dear Commissioners:

On November 16, 2010, a compliance inspection was made of the wastewater treatment plant serving Exit One. The treatment facility is located along State Route 49, just off the Ohio Turnpike in Northwest Township, Williams County. Mr. Toby Rupp was present and provided information regarding the operation of the treatment plant. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00108 (OH0122351).

At the time of the inspection, the wastewater treatment facilities were in operation and the contents of the aeration tanks were brown. No discharge was noted from the polishing lagoon.

Your current NPDES permit will expire on May 31, 2012. Our review of your discharge monitoring reports (6/1/2008 to 12/1/2010) for this facility indicated a few effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review. If you have any questions or comments, please call Jason Ko at (419) 373-3021.

Yours truly,

Elizabeth Wick, PE
Water Quality Engineer/Unit Supervisor
Division of Surface Water

/llr

Enclosures

pc: Willis Allomong, WW Operator
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PR00108

Facility Name: Exit One Expiration Date: May 31, 2012

Facility Address: 14896 State Route 49 Date: 11/16/2010 Time: 10:45 am

City: Edon County: Williams Township: Northwest

Name and Address of Owner: Williams County commissioners, Courthouse, Bryan, OH 43506

Person Contacted: Mr. Toby Rupp, Operator Phone: (419) 636-8739

Flow: Design: 35,000 GPD Present _____ GPD

Trib. Pop. _____ (estimated) Weather at time of inspection: Temp Cloudy & 40

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No. (No Discharge)

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

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 X fair _____ poor operation
 b. Plant has _____ excellent _____ good X 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
 _____ Chlorination
 _____ Dechlorination
 _____ U.V

4. X _____ Yes No Compliance with NPDES Permit Periodic Violations _____
 5. X _____ Yes No Adequate Plant Safety Chronic Violation _____

6. X _____ Yes No Operation and Maintenance Service Name: Williams County Sanitary Dept

Frequency of Visits: Daily

Facility Name: Exit One

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	2	Flow Equalization	
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 20 hrs "ON" & 4 hrs "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	6	Aeration Tank	Color: brown Adequate Aeration: Y <u>X</u> N <u> </u>
Final Settling	2	Clarifier	With 4 hoppers
	4	Sludge Return	In <u>X</u> Out <u> </u> Returning solids
	2	Surface Skimmer	In <u>X</u> Out <u> </u> Returning clear
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	1	Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Other	V-Notch weir @ effluent
Pumps		Raw Wastewater (type)	
	1	Dosing Pump Station	Between package plant and the polishing lagoon
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Outflow Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00108*CD	April 2009	001	80082	CBOD 5 day	30D Conc	10	41.5925	4/1/2009
2PR00108*CD	April 2009	001	80082	CBOD 5 day	7D Conc	15	134.	4/22/2009
2PR00108*CD	April 2009	001	00400	pH	1D Conc	9.0	9.01	4/9/2009
2PR00108*CD	April 2009	001	00400	pH	1D Conc	9.0	9.08	4/16/2009