



Environmental  
Protection Agency

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

Re: Defiance County  
Auglaize Pines Subdivision WWTP  
NPDES Permit

June 8, 2011

Mr. Greg Reinhart  
Defiance County Wastewater Operations  
500 Second Street  
Defiance, Ohio 43512

Dear Mr. Reinhart:

On May 5, 2011, an inspection was made of the Auglaize Pines's Subdivision wastewater treatment facilities located in Defiance County. You were present and provided information concerning the operation and maintenance of these facilities. Our observations and recommendations are as follows.

The average flow for this facility is approximately 3-4,000 gallons per day. The original design for the facility was 15,000 gpd. The pump counter on the raw wastewater pump is used to calculate the facility flow. The effluent was odorless and a light grey with very light solids. As required by Ohio Administrative Code (OAC) 3745-07-09(A), the operator of record is keeping the records for operation and maintenance activities in a log book for this facility. However, the log book is not being kept at the facility 24 hours a day.

This facility will be replaced by the new Auglaize River Lagoon, which has been constructed, although the sewer collection system is currently being constructed. Once the sewer line is completed and all residents are tied into this sewer, the Auglaize sewer plant will be razed. Before abandoning the facility the package plant should have all solids removed and disposed of at a permitted wastewater treatment facility. Receipts documenting this activity should be copied and submitted to our office. After all salvage of mechanical parts and metal has taken place the package plant should be crushed in and brought to grade.

Once an inspection is conducted by our office to verify the facility has been properly closed, we will revoke your NPDES permit, since you will no longer have a wastewater treatment plant.

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All major plant components were in operation at the time of this inspection. The inspection report is attached. If you have any questions, please contact me at (419) 373-3067.

Sincerely,



Dana Martin-Hayden  
Division of Surface Water

/llr

pc: DSW;NWDO·File }

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

NPDES Permit No. 2PG00051

Facility Name Auglaize Pines Subdivision Expiration Date 7/31/15

Facility Address Power Dam Road Date 5/5/11 Time 1:30 am (pm)

City Defiance County Defiance Township Defiance

Name and Address of Owner Defiance County Commissioners

Person Contacted Greg Reinhart Owner Phone 419-782-2230

Flow: Design 15,000 GPD Present 3-4,000 GPD (metered estimated) off pump counter

Trib. Pop. 28 homes 70 (actual - estimated) Weather at time of inspection: Temp 60's sunny

OEPA Personnel Dana Martin-Hayden District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Auglaize River - High Water Effluent

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 25% I & I  
 (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  
 Dechlorination Tablets  
 U.V.

4.  Yes \_\_\_\_\_ No \_\_\_\_\_ Compliance with NPDES Permit

Finished New lagoon Auglaize River P&T  
 sewerage under construction

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations Y N \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service

Name Defiance County WW operators  
 Frequency of Visits Daily

Facility Name: Anglaize Pines Subdivision

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <u>1/3 years</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time: <u>continuous</u>
		Motor/Blower Unit	<u>spare motor available</u>
Secondary Treatment		Aeration Tank	Cdior: Adequate Aeration: <u>Y</u> <u>N</u>
Final Settling	1	Clarifier	<u>Very light grey w/low solids - high I:I see other</u>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <u>clear</u>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <u>clear</u>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	<u>in - floating dechlor used when cl is too high</u>
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	1	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
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	<u>8-9" of Rain in April.</u>