



Environmental
Protection Agency

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

Re: Notice of Violation
Defiance County
Evergreen Lane Office Complex WWTP

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 Evergreen Lane Office Complex 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 less than 1,000 gallons per day. The original design for the facility was 15,000 gpd. The water meter for the airport and the office complex is used to calculate the facility flow.

The facility has not experienced any NPDES permit violations over the past year. This facility continues to have a very low flow, however, it has been able to meet effluent limits. The effluent was odorless and clear.

The chlorine tablet feeder needs to be replaced and the grate covering this tank needs to be removed from the bottom of this tank.

You are in violation of Ohio Administrative Code(OAC) 3745-07-09(A), which requires that a log book be kept at the facility, which documents the time spent by the operator of record at the facility and the operation and maintenance activities. No log book was available for this facility.

All major plant components were in operation at the time of the 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. 2 PG 00052

Facility Name Evergreen Lane Office Complex Expiration Date 3/31/2012
 Facility Address 21706 Williams-Defiance Co. Line Date 5/5/11 Time 11:50 am pm
 City Evansport County Defiance Township Tiffin
 Name and Address of Owner Defiance County Commissioners
 Person Contacted Greg Reinhart Owner Phone 419-782-2230
 Flow: Design 15,000 GPD Present < 1000 GPD (metered estimated)
 Trib. Pop. airport & 5 businesses (actual - estimated) Weather at time of inspection: Temp 60's ° Sunny
 OEPA Personnel Dana Martin-Hayden District NW80

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	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
2	Moderate	<input type="checkbox"/>	Light Solids	<input type="checkbox"/>	Musty	<input type="checkbox"/>	Grey
3	Serious	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
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 - very hard to reach

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

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
_____	<input checked="" type="checkbox"/> Dechlorination Tablets
_____	U.V.

Yes/ No

4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service

Name Defiance County WW Operations
 Frequency of Visits Daily

Facility Name: Evergreen Lane Office Complex

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <u>1/5 years</u>
		Grease Trap	Pumping Frequency: <u>0</u>
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer <u>___Y___N</u>	Cycle Time:
		Motor/ Blower Unit	
Secondary Treatment	3	Aeration Tank	Color: Adequate Aeration: Y <u> </u> N <u> </u>
Final Settling	1	Clarifier	
	2	Sludge Return	In <u> </u> Out <u>1'</u>
	1	Surface Skimmer	In <u> </u> Out <u>1 clear</u>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	<u>Tube needs replacing</u>
	1	Dechlorination Tube Feeder	<u>grate needs fishing out of tank</u>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	<u>uses water meter readings</u>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	<u>City of Deshance</u>
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	