



**Environmental
Protection Agency**

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

Re: Ottawa County
Carroll Township Treatment Services
NPDES Permit

August 30, 2011

Mr. Dennis Felton, General Manager
Carroll Township Treatment Services, Inc.
8781 West State Route 2
Oak Harbor, Ohio 43449

Dear Mr. Felton:

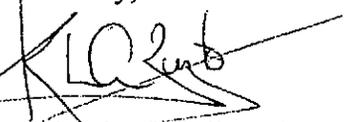
On July 27, 2011, an inspection was made of the Carroll Township wastewater treatment plant. At the time of my visit, I was disappointed to find both surface sand filters ponded, with one nearly overflowing. A turbid final effluent was observed being discharged to the pond. Please notify me of the date when the sand filters were serviced.

A Permit to Install was issued in March 2009 for the conversion of an existing 100,000 gallon storage tank into a flow equalization tank. This was to address excessive infiltration/inflow and chronic NPDES permit noncompliance with ammonia concentration and loading limits throughout the summer months. The project has not been implemented. Please notify me of your plans to proceed.

NPDES monthly discharge monitoring reports are being received and indicate compliance since the last inspection in June 2010. Numerous ammonia violations had been reported in the past.

My completed inspection report is enclosed. If you have any questions, please call me at (419) 373-3022, or email at rick.zuzik@epa.state.oh.us.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosure

pc: Ottawa County Health Department
Tom Kurfis, Cleanwater Services
NWDO File: 7

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PS00007
 Facility Name Carroll Twp Treatment Services Expiration Date 5-31-12
 Facility Address 8781 SR 2, W Date 7-27-11 Time 1100 am 1 pm
 City - County Ottawa Township Carroll
 Name and Address of Owner Dennis Feltou, GM
 Person Contacted none Owner Phone _____
 Flow: Design 77,000 GPD Present _____ GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp _____ °
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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: To Pond

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
①	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) hydraulic surges

Disinfection: (Required May 1 thru Oct.31.)

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

Yes No (1/11 - 7/28/11)

4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations _____

5. _____ Adequate plant safety

6. Operation and Maintenance Service Name Cleanwater Services

Frequency of Visits 4/WK

Facility Name: Carroll Twp Treatment Services

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	3	Flow Equalization	<i>IN</i>
Aeration Equipment		Plant Timer <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit	
Secondary Treatment	10	Aeration Tank	Color: <i>Brown</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	4	Clarifier	<i>Good</i>
	2	<i>Upflow clarifiers - in</i>	<i>Weirs need cleaned</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>Both severely ponded</i>
	1	Polishing Pond	<i>IN</i>
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	<i>IN</i>
	1	Dechlorination Tube Feeder	<i>IN</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	2	Aerated Storage Tank	
	2	Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>IN</i>
		Spray Irrigation	
		Other	