



**Environmental
Protection Agency**

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

Re: Ottawa County
Carroll Township Treatment Services
NPDES Permit

July 13, 2012

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

Dear Mr. Felton:

On June 27, 2012, an inspection was made of the Carroll Township wastewater treatment plant (WWTP). Mr. Tom Kurfis of Cleanwater Services, your contract maintenance service, was also present. In general, both operation and maintenance were good. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed being discharge to the lagoon. One of the surface sand filters was ponded, as the other was being cleaned. This condition was noted in previous inspections and is a sign of excessive clean water surging through the plant.

A Permit to Install (PTI) 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 National Pollutant Discharge Elimination System (NPDES) permit non-compliance with ammonia concentration and loading limits throughout the summer months. The project has not been implemented.

Your NPDES permit was recently issued, effective July 1, 2012. In order to address the above inaction, a Schedule of Compliance was included to require the project be implemented. The first milestone is to resubmit the PTI by October 1, since the original PTI expired. Your permit should be referred to for all additional requirements.

NPDES permit monthly discharge monitoring reports are being received and indicate compliance with the exception of one suspended solids loading violation since the last inspection. Numerous ammonia violations had been reported in the past.

Your NPDES permit now includes new operator certification rules that require visits three days/week for a minimum of 1.5 hours/ week. Documentation in the form of a logbook must be kept on-site for Ohio EPA review. This requirement is being met.

I will await the resubmittal of the PTI. Please be aware that non-compliance with the NPDES permit Schedule of Compliance will result in enforcement action by this Agency. 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
ec: Tracking

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402-9398

419 | 352 8461
419 | 352 8468 (fax)
www.epa.ohio.gov

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PS00007*ED
 Facility Name Carrol Township Treatment Services Expiration Date 6-30-17
 Facility Address 8781 W. SR 2 Date 6-27-12 Time 1145 (am) pm
 City _____ County Ottawa Township Carrol
 Name and Address of Owner Dennis Felton, GM
 Person Contacted Tom Kurfi, OWS Owner Phone (919) 898-3372
 Flow: Design 77,000 (GPD) Present _____ GPD (metered - estimated)
 Trib. Pop. Condos, Campground (actual - estimated) Weather at time of inspection: Temp 80° Clear
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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: Pond to Wild Wings Marsh to L. Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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) N/A

Disinfection: (Required May 1 thru Oct.31.)	
<u>IN</u>	OUT
<u> </u>	Chlorination Tablets
<u> </u>	Dechlorination Tablets
<u> </u>	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 Cleanwater Services - Class I

7. log book on-site in garage

Frequency of Visits 3x/wk - 1.5 hrs

Facility Name: Carroll Tap Treatment Services

USE THIS SHEET TO RECORD DATA

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