



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

Re: Ashland County
Cinnamon Lake
NPDES Permit

October 12, 2012

Mr. Eugene Sheridan
Cinnamon Lake Utilities Association
1443 Laurel Drive
West Salem, Ohio 44287

Dear Mr. Sheridan:

On September 25, 2012, an inspection was made of the wastewater treatment facilities serving the Cinnamon Lake subdivision located at 1443 Laurel Drive, West Salem, Ashland County. Mr. Glenn Goff of the utility staff was present during the inspection. The purpose of the inspection was to evaluate the completeness of the construction in accordance with the approved Permit to Install (PTI) issued by our office.

At the time of the inspection, all major treatment units were in service and appeared to be functioning normally. All of the new and upgraded equipment was in use and operational. No major concerns were noted.

A review of the facility's discharge monitoring reports submitted to our office for the months of July through August 2012 revealed four **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. All of the violations occurred in the July sampling. The facility was back in compliance for the month of August. A summary of these violations is enclosed on a separate sheet. Please be aware that the facility is currently in significant non-compliance (SNC) with the effluent limits contained in the NPDES permit. The completion of the flow EQ tanks and other upgrades should help prevent future violations. If compliance does not improve, enforcement action is an option for our Agency to achieve compliance.

If you have any questions, please call me at 419-373-3070.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Ariss".

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm
Enclosures
ec: Tracking

Get New Data		Cinnamon Lake WWTP NPDES permit limit violations July through August 2012						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00009*KD	July 2012	001	00530	Total Suspended Solids	1D Conc	18.0	42.	7/25/2012
2PR00009*KD	July 2012	001	00530	Total Suspended Solids	1D Qty	10.2	28.7735	7/25/2012
2PR00009*KD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	1.73	7/26/2012
2PR00009*KD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.9	1.12626	7/26/2012

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2AP00009

Facility Name Cinnamon Lake WWTP Expiration Date 4/30/15

Facility Address 6065 Cinnamon Dr Date 9/25/12 Time 10:10 am pm

City West Salem County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 150,000 GPD Present 29,000 to 200,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 55° sun

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear	X	None	X	Colorless
1	Mild	X					
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Muddy Fork Mohican

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X 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 Tablets
_____	_____ Dechlorination Tablets
<u>X</u>	_____ U.V.

Yes No

4. X Compliance with NPDES Permit. _____ Y _____ N Parameters: _____

Periodic Violations _____

Chronic Violations X _____ TSS, BOD, NH₃

5. X Adequate plant safety

6. X Operation and Maintenance Service Name Operators from Lead!

Frequency of Visits 5/week

Facility Name: Cinnamon Lake WWT

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Grease Trap Fine Screen	Pumping Frequency In operation / trash can every 2 weeks
		Grease Trap	Pumping Frequency:
	X	Bar Screen	back up to fine screen
		Comminutor	
	X	Flow Equalization	out / discussed new flow splitter box
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
	X	Motor/ Blower Unit <i>running</i>	All Blowers okay
Secondary Treatment		Aeration Tank	Color: <i>good color</i>
	X		Adequate Aeration: Y <u>X</u> N
Final Settling	X	Clarifier	good clarity in all
	X	Sludge Return	In <u>X</u> Out <u> </u> all in
	X	Surface Skimmer	In <u>X</u> Out <u> </u> all on
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <i>using one bed</i>	two beds with some dry material one bed clean + ready
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	on - some turbidity - discussed cover
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	on influent + effluent
Pumps	X	Raw Wastewater (type) <i>submersible</i>	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	All tanks in use - hauling out next week
	X	Sludge Drying Bed	beds okay - discussed cover
Sludge Disposal	X	Municipal POTW	
	X	Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	