



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Williams County
Trufast Corporation
NPDES Permit

October 24, 2007

Keith Hetrick, Head of Maintenance
Trufast LLC
02105 Williams County Road 12-C
Bryan, OH 43506

Dear Mr. Hetrick:

On September 13, 2007, I conducted an inspection of the wastewater treatment facilities serving the Trufast Corporation as part of the process to renew the permit. You were present and provided access to the wastewater treatment plant. Trufast LLC currently has a National Pollutant Discharge Elimination System Permit (number 2PR00105). The inspection included a tour of the wastewater treatment facility. In general, operation and maintenance of the plant and sand filters appeared good. Our comments and recommendations are as follows:

1. At the time of the visit, all treatment units were in operation and a clear final effluent was observed in the contact tank prior to discharge.
2. Aeration tank contents were a chocolate brown color, which is normal.
3. The sludge return and skimmer were in operation; however, the sludge return was running clear. This is an indication that the sludge needs to be directed towards the bottom of the tank. There was an unusual amount of sludge floating near the top of the clarifier and an accumulation in the clarifier effluent weir indicating the possibility of old sludge needing to be removed from the system. Our recommendation is to analyze the contents of the aeration tank with a settleometer and make the necessary adjustments based on the results.
4. The north sand filter bed was in use and was ponded. We recommend that flow be switched to the south bed.
5. Chlorine and dechlorination tablets were in use.
6. There were approximately five piles of sand and sludge that appear to have been removed from the sand beds in various locations around the fenced in area. These piles need to be hauled to a landfill for proper disposal.

Since the last permit issuance, there has been one permit limit violation for Total Suspended Solids and a few frequency violations for ammonia. A summary of the violations is attached. Please review the enclosure with your operator and notify us of corrective actions to prevent future violations.

Mr. Keith Hetrick
October 24, 2007
Page Two

Enclosed is our completed inspection report. If you have any questions, please feel free to call me at 614-373-3053.

Sincerely,



Tanushree (Nush) Courlas
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: ~~DSW-NWDO File w/all enclosures~~
Eric Kurfis, Clean Water Services

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

NPDES Permit No. 2PR00105

Facility Name Trufast LLC Expiration Date 07/31/11

Facility Address Corner of Route 2 and Route 6 Date 09/13/07 Time 1330

City Bryan County Williams Township _____

Name and Address of Owner Trufast, 02105 Williams County Road 12 -C-

Person Contacted Keith Hetrick Owner Phone _____

Flow: Design 1500 GPD Present _____ GPD (metered - estimated)

Trib. Pop. 60-70 (actual - estimated) Weather at time of inspection: Temp 80 ° sunny

OEPA Personnel Tanushree Courlas District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: trib to Little Lick Creek

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

3. a. Plant has X excellent _____ 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	
<u>X</u>	_____	Chlorination Tablets
<u>X</u>	_____	Dechlorination Tablets
_____	_____	U.V.

4. Yes No X Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS, Ammonia

Chronic Violations _____

5. X Adequate plant safety

6. X Operation and Maintenance Service Name Eric Kurfis, CWS

Frequency of Visits 1/month

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: Not known at time of inspection
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input type="checkbox"/> Y <input type="checkbox"/> N Motor/ Blower Unit	Cycle Time: Running: Yes
Secondary Treatment	1	Aeration Tank	Color : good color, good roll Adequate Aeration: Y <input type="checkbox"/> N <input type="checkbox"/>
Final Settling	1	Clarifier	Sludge in weir and floating sludge.
	1	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> clear
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	North ponded. South clean. Flow should be switched to south pond.
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	In
	1	Dechlorination Tube Feeder	In
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00105*CD	June 2007	001	00530	Total Suspended Solids	30D Conc	12	17	6/1/2007

Get New Data

Permit No.	Reporting Period	Violation Date	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported
2PR00105*CD	January 2007	1/1/2007	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0
2PR00105*CD	February 2007	2/1/2007	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0
2PR00105*CD	April 2007	4/1/2007	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0
2PR00105*CD	May 2007	5/1/2007	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0
2PR00105*CD	July 2007	7/1/2007	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0