



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: Richland County
Ohio Hilltop
NPDES Permit

June 20, 2008

Malec Abou-Mitri, Owner
Ohio Hilltop
1095 Koogle Road
Mansfield, Ohio 44903

Dear Mr. Abou-Mitri,

On June 11, 2008 an inspection was made of the wastewater treatment facilities serving Ohio Hilltop, 1095 Koogle Road, Mansfield, Richland County. At the time of the inspection all major components of the treatment system were operating normally. No major concerns were noted.

During the inspection it was noted that only one aeration blower and motor were operational. The other unit is missing a blower. The blower in the second unit should be replaced and prepared for service if needed. A large amount of sludge was observed behind the inlet baffle in the clarifier tank. The sludge had reached a thickness where it was beginning to fall into the clarifier. The sludge behind the baffle should either be pumped out or returned to the aeration tanks for further treatment.

It was noted that a new set of wooden steps had been installed leading down to the plant as requested in our previous letter. We appreciate your attention to this matter.

A review of the discharge monitoring reports submitted to our office for the period of September 2007 through May 2008 revealed five violations of the limits contained in your NPDES permit.

Two violations were for violating the fecal coliform limit in September 2007. It is essential that the UV system is checked for proper operation during each daily inspection.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

~~pc: NWDG-DSW-file~~

Lonnie McGhee, McGhee's Technical Water Services Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00071

Facility Name Musfield Convey/Ohio Hilltop Expiration Date 12/31/2009
 Facility Address 1095 Koope Rd Date 6/1/08 Time 1:30 am/pm
 City Musfield County Richland Township _____
 Name and Address of Owner _____

Person Contacted _____ Owner Phone _____
 Flow: Design 40,000 GPD Present 10,000 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 78° Sunny
 OEPA Personnel Walter Ariss District NWDO

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						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: unamed trib Charles mill Lake - not observed

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

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
no filters
 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
<input checked="" type="checkbox"/>	_____ U.V.

- Yes No
 4. _____ Compliance with NPDES Permit
 Periodic Violations Y N Parameters: TSS, Feal
 Chronic Violations _____
 5. _____ Adequate plant safety
 6. _____ Operation and Maintenance Service Name McGhee's TWSI
 Frequency of Visits 1/week

Facility Name: Ohio Hills

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>Y</u> <u>N</u> Motor/ Blower Unit <i>running</i>	Cycle Time: <i>need to replace blower on backup unit</i>
Secondary Treatment	2	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <u>N</u>
Final Settling	2	Clarifier	<i>fairly clear / some floating sludge</i>
	2	Sludge Return	In <u>2</u> Out <u> </u>
	2	Surface Skimmer	In <u>2</u> Out <u> </u> <i>adjust skimmer up about 1"</i>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	2	Ultraviolet (UV)	<i>on</i>
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	