



**Environmental  
Protection Agency**

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

Re: Richland County  
Ohio Hilltop  
NPDES Permit

September 14, 2012

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

Dear Mr. Abou-Mitri:

On August 16, 2012, an inspection was made of the wastewater treatment facilities serving Ohio Hilltop, 1095 Koogle Road, Mansfield, Richland County. A clear discharge was observed from the treatment plant. At the time of the inspection, all major treatment functions appeared to be operating normally.

It was observed that only one blower motor was present during the inspection. A review of the operator's log book revealed that a blower motor had been removed on April 4. There were no other notes regarding the motor being replaced so we are assuming that the motor has been absent since then. This is an unacceptable time frame to have only one blower and motor available for service at the treatment plant. The absent motor shall be replaced as soon as possible. You are required to contact our office once this has been completed.

Some concerns were also noted with the UV disinfection system. All four of the units were plugged in to the power source; however, only two of the units appeared to be working. The cause of the failure of the other units should be investigated and repairs completed to return them to service.

A review of the discharge monitoring reports submitted to our office for the period of February through July 2012 revealed one **violation** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. The **violation** was for exceeding the suspended solids limit in the June 2012 sample.

A copy of our completed inspection report is enclosed for your review. If you have any questions, please call me at 419-373-3070.

Sincerely,

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

/jlm

Enclosure

pc: Lonnie McGhee, McGhee's Technical Water Services Inc.  
ec: Tracking

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

NPDES Permit No. 2PR00071

Facility Name Ohio Hill Top Expiration Date 1/31/2015

Facility Address 1095 Kingle Rd Date 8/16 Time 2:30 am (pm)

City Manfield County Richland Township \_\_\_\_\_

Name and Address of Owner Mateu Abou-Mitri

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 84° cloudy

OEPA Personnel Walter Aris 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: unnamed trib Charles Hill Lake

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 \_\_\_\_\_ 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
_____	_____
_____	_____
<u>X</u>	<u>X</u>
	U.V. - 2 units not working

Yes No

4. X \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations X Y N Parameters: TSS

Chronic Violations \_\_\_\_\_

5. X \_\_\_\_\_ Adequate plant safety

6. X \_\_\_\_\_ Operation and Maintenance Service Name MTWSI

Frequency of Visits 5/week

Facility Name: Ohio Hilltop

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <del>X</del> N	Cycle Time: Real motor on backup blower out since 4/4/12
Secondary Treatment		Motor/ Blower Unit <i>running</i>	Color: <i>good color</i>
	X	Aeration Tank	Adequate Aeration: <u>Y</u> <del>X</del> N
Final Settling	X	Clarifier	<i>very good clarity / some bulking sludge</i>
	X	Sludge Return	In <u>X</u> Out <u>    </u>
	X	Surface Skimmer	In <u>X</u> Out <u>    </u>
		Fixed Media Clarifier	
<del>Tertiary Treatment</del>		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>only 2 units working</i>
<del>Flow Metering</del> <i>estimated</i>		Elapsed Pump Time	
		Recorder (continuous total)	
<del>Pumps</del> <i>none</i>		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
<del>Sludge Handling</del> <i>none</i>		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
<del>Advanced Treatment</del> <i>none</i>		Post Aeration	
		Spray Irrigation	
		Other	