



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

Re: Richland County  
Ohio Hilltop  
NPDES Permit

July 23, 2010

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

Dear Mr. Abou-Mitri:

On July 8, 2010, 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 with plant operations were observed. A clear discharge was observed from the treatment plant.

It was noted that only two of the UV disinfection units were operational. The two units that were not in service need to be repaired and made operational as soon as possible. The hillside above the trash trap tank has continued to erode and it is evident that the rainwater from the hillside flows across the top of the tank or into the treatment plant. The hillside should be stabilized and the stormwater directed away from the treatment plant.

A review of the discharge monitoring reports submitted to our office for the period of December 2009, through May 2010, revealed four **violations** of the limits contained in your NPDES permit. Three of these violations were for exceeding the ammonia limits in the May 2010, sample. The other was for violating the CBOD limit in the January 2010, 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  
Environmental Specialist II  
Division of Surface Water

/lir

Enclosure

pc: CDSW: NWDO-File  
Lonnie McGhee, McGhee's Technical Water Services Inc. w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00071

Facility Name Ohio Hilltop Expiration Date 11/31/2015  
 Facility Address 1095 Koogle Rd Date 7/8/10 Time 11:45 am pm  
 City Mansfield County Richland Township \_\_\_\_\_  
 Name and Address of Owner Malek Abu-Itiri  
 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 87° sun  
 OEPA Personnel Glatter Aries 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: Unanal tr's Charles Hill 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
_____	_____
_____	_____
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Chlorination Tablets  
 Dechlorination Tablets  
 U.V.

Yes No  
 4.  \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations Y N Parameters: NH<sub>3</sub>, CBOD  
 Chronic Violations \_\_\_\_\_

5.  \_\_\_\_\_ Adequate plant safety  
 6.  \_\_\_\_\_ Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 3/week

Facility Name: 04's Hilltop

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	<del>Pumping Frequency:</del> need to stabilize hill above tank
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>	Cycle Time:
		Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>good clarity / a lot of sludge behind inlet baffle</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<u>only two units on / two units out</u>
Flow Metering <u>- none</u>		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	