



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Richland County
Northside MHP
NPDES Permit

June 17, 2008

Kenneth Wolford, Owner
Northside MHP
85 Shelby Ave
Shelby, Ohio 44875

Dear Mr. Wolford,

On May 16, 2008, an inspection was made of the wastewater treatment facilities serving the Northside MHP located at 5624 S.R. 61 North, on the southeast corner of S.R. 61 and London West Road, Shelby, Richland County. At the time of the inspection most of the treatment units were in operation and appeared to be functioning normally. The sand filter dosing pump appeared to be malfunctioning.

A second aeration blower had been installed as requested during our previous inspection. A metal ladder has also been located near the plant to allow access down to the blower motors and treatment tanks. It was observed that the pump in the filter dosing station was running continuously. It appeared that the level float control was "hung up" on the power supply cord. This was causing the pump to run continuously even though the sump pit was empty. This situation should be corrected before the pump motor overheats. It was also observed that the ballast within the UV system appeared to have been recently replaced. Please be aware disinfection of the effluent is required between May 1 and October 31. If the UV system is not operational at any time during this period you should contact our office stating so, and indicating when the system will be returned to service.

A review of the discharge monitoring reports submitted for the months of October 2007 through April 2008 revealed that the "AN" code is being used to report on days when the odor, color, and turbidity are not recorded. Please be aware that this code shall only be used on weekends and holidays. Your NPDES permit requires odor, color, and turbidity to be monitored every day. Failure to observe these parameters is a violation of the conditions of your permit.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosed

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Richland County Health Department
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. 2GV00002

Facility Name Northside MHP Expiration Date 12/31/2009
 Facility Address 5624 SR 61 Date 5/16/08 Time 12:00 am
 City Shelby County Richland Township _____
 Name and Address of Owner Ker Walcott
 Person Contacted _____ Owner Phone _____
 Flow: Design 2,400 GPD Present 2,400 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° 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: Black Fork Mahican

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

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

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.

4. Yes _____ No _____ Compliance with NPDES Permit
 Periodic Violations Y _____ N _____ Parameters: _____
 Chronic Violations _____ _____
 5. Adequate plant safety
 6. Operation and Maintenance Service Name McGhee's Twist
 Frequency of Visits ?

Facility Name: Northside MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N Motor/ Blower Unit <i>running</i>	Cycle Time: <i>second blower installed</i>
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear</i>
	<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"/> <i>Skimmer needs adjusted to surface</i>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>okay / some solids present</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>In.</i>
Flow Metering <i>none</i>		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>pump running continuously float caught on power cord</i>
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	