



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: Ashland County  
Green Acres MHP  
NPDES Permit

May 2, 2008

Mr. Albert Welsch  
1346 S.R. 89  
Ashland, Ohio 44805

Dear Mr. Welsch,

On April 24, 2008, an inspection was made of the wastewater treatment facilities serving the Green Acres MHP located at 1346 S.R. 89, Ashland County. The inspection was completed as part of the renewal process for the facility's NPDES permit that expires on November 30, 2008. At the time of the inspection all major treatment units appeared to be in operation and functioning normally. A clear final effluent was being discharged from the treatment plant.

The plant continues to perform fairly well. The only operational note concerns the amount of air in the aeration tanks. Be sure to supply enough air to prevent a "dead zone" from forming in the far end of the aeration tanks that would allow solids to drop out of suspension. No major issues were noted.

A review of the monthly operating reports submitted to our office for the months of October 2007 through March 2008 revealed only one violation of the limits contained in your NPDES permit. This violation was for exceeding the fecal coliform limit in October 2007.

Our office has received your NPDES permit renewal application and will begin drafting the new permit in the next few weeks. You will receive a draft copy of the permit before it is issued final. Please look this draft permit over and contact our office with any questions

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

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/csl

pc: NWDO-DSW file  
Gabe Campbell  
Ashland County Health Department

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P400058

Facility Name Green Acres MHP Expiration Date 11/30/2008  
 Facility Address 1346 SR 89 Date 4/24/08 Time 11:15 am pm  
 City Ashland County Ashland Township \_\_\_\_\_  
 Name and Address of Owner Albert Welsch  
 Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_  
 Flow: Design 18,000 GPD Present 2500-3500 GPD (metered - estimated)  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 70° sunny  
 OEPA Personnel Walter Aris 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: unnamed trib Jerome Fork

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	
_____	<input checked="" type="checkbox"/>	Chlorination Tablets
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets
_____	_____	U.V.

*not required until May 1*

4.  Yes  No Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations \_\_\_\_\_ X \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Macle Industries

Frequency of Visits 1/month

Facility Name: Green Acres MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: 1/6 weeks
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>Y</u> <del>N</del>	<del>Cycle Time</del> only one motor
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	2	Aeration Tank	Color: good color Adequate Aeration: <u>Y</u> <del>N</del>
Final Settling	2	Clarifier	very clear / need to clean out influent saffle
	2	Sludge Return	In <u>X</u> Out <u>    </u>
	2	Surface Skimmer	In <u>X</u> Out <u>    </u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Both fairly clean
		Polishing Pond	
		Other	
Disinfection	2	Chlorine Tube Feeder	no tablets > need to start
	2	Dechlorination Tube Feeder	no tablets May 1st
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	Siphon pumps
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	