



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  
Agape Acres MHP  
NPDES Permit

August 13, 2008

Randal Recker, Manager  
Agape Acres  
952 S.R. 511N RD 3  
Ashland, Ohio 44805

Dear Mr. Recker,

On July 24, 2008, an inspection was made of the wastewater treatment facilities serving the Agape Acres MHP located at 952 S.R. 511, Ashland County. You were present to answer any questions that I had. At the time of the inspection all major components of the treatment system were in operation and functioning normally. A clear final effluent was being discharged from the treatment plant.

During the inspection we discussed a project you had attempted in order to eliminate washing out of solids from the treatment plant during high flow events. You installed a cyclone unit following the filter dosing pumps in an attempt to separate solids from the water pumped to the sand filter beds. You stated you had limited success with the unit. Due to flow constrictions caused by the unit and insufficient specific gravity differences the unit did not perform as expected. We commend you on the attempt, and encourage forward thinking to solving the solids wash out issues.

A review of the discharge monitoring reports submitted to our office for the months of September 2007 through June 2008 revealed eight violations of the limits contained in your NPDES permit. Seven of these violations occurred during January 2008. Reviewing the flow rate data, it is evident that continued effort needs to be made to reduce the inflow and infiltration to the sewers. Peak flows at the treatment plant have exceeded 40,000 gallons per day.

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

Enclosed

pc: Bruce Wiser, Village of Lodi w/enclosures  
~~NWDO-DSW file~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PK00037

Facility Name Agape Acres YHP Expiration Date 7/31/2010

Facility Address 952 SR 511 Date 7/24/08 Time 12:00 am pm

City Ashland County Ashland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted Randal Decker Owner Phone \_\_\_\_\_

Flow: Design 20,000 GPD Present ~10,000-20,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 75° 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: Leidigh Mill Creek

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.

Yes No

4.  Compliance with NPDES Permit

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

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Bruce Wiser / Jim Portner

Frequency of Visits \_\_\_\_\_

Facility Name: Agape Acres

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	8	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	8	Plant Timer <u>Y</u> <u>8</u> <u>N</u>	Cycle Time: <i>have one backup blower</i>
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	8	Aeration Tank	Color: <i>weak color</i> Adequate Aeration: <u>Y</u> <u>8</u> <u>N</u>
Final Settling	8	Clarifier	<i>fairly turbid, poor settling sludge/young sludge</i>
	8	Sludge Return	In <u>8</u> Out <u>    </u>
	8	Surface Skimmer	In <u>8</u> Out <u>    </u>
		Fixed Media Clarifier	
Tertiary Treatment	8	Surface Sand Filter	<i>Southern filter has layer of sludge - recently switched to north</i>
		Polishing Pond	<i>surface filter clean for use</i>
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	8	Ultraviolet (UV)	<i>only using one bulb. no issues</i>
Flow Metering	8	Elapsed Pump Time	<i>on filter dosing</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	8	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	8	Aerated Storage Tank	<i>don't really use/sludge wastes out to often</i>
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
	8	Landfill	<i>dumpster - bag sludge off of filters</i>
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	