



**Environmental
Protection Agency**

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

Re: Ashland County
Agape Acres MHP
NPDES Permit

February 8, 2012

Mr. Randal Recker, Manager
Agape Acres
952 State Route 511N RD 3
Ashland, Ohio 44805

Dear Mr. Recker,

On January 25, 2012, an inspection was made of the wastewater treatment facilities serving the Agape Acres Mobile Home Park (MHP) located at 952 State Route 511, Ashland County. At the time of the inspection, all major components of the treatment system were in operation.

Several issues were noted with the sand filter beds. The northeast sand filter was ponded with water almost to the top of the concrete walls. The plastic plug in the outside wall had been removed, and the water in the filter was draining onto the surface of the ground. There was also a noticeable leak in the corner of the concrete wall where it appeared that the walls had been pushed apart. The draining of the filter onto the ground is a **violation** of your NPDES permit. Removal of Inflow and Infiltration to the sewers will help prevent the solids from "washing out" onto the filters and blinding them when the treatment plant becomes hydraulically overloaded, ending the need to bypass the filters. The leak at the corner will also need to be repaired. This may require pushing the walls back together; a backhoe may be necessary to help with this.

During our previous inspection, you mentioned that it had been discovered that the downspouts and drains around the large barn on the property are tied into the sanitary sewer. It does not appear that this source of clean water has been removed from the sanitary sewer, as flow to the treatment plant still occasionally exceeds 60,000 gallons/day, or three times the design flow of the treatment plant. Removing this source will go a long way in reducing high flows at the treatment plant and improve the operation of the sand filters.

A review of the discharge monitoring reports submitted to our office for the months of August through December 2011 revealed two **violations** of the limits contained in your NPDES permit. The **violations** were for not meeting the minimum dissolved oxygen limit in the September 13 and November 9 samples.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Jim Portner, City of Ashland
ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00037

Facility Name Agape Acres WWTP Expiration Date 8/31/15

Facility Address 952 SR 511 Date 1/25/12 Time 2:45 am (pm)

City Ashland County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 20,000 GPD Present 210,000 dry weather GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 37° clouds

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 N 0.0 Parameters: _____

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Jim Partner

Frequency of Visits 1/week

Facility Name: Agape Acres

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>at least 11/year</i>
		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:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>northeast sed ponded & discharging on ground - leak in corner</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>out - not needed in winter on filter dosing station</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>almost full</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	