



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

Re: Ashland County
Agape Acres MHP
NPDES Permit

April 22, 2013

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

Dear Mr. Recker:

On March 28, 2013, 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. The operator's log book was reviewed and found to be adequate. A clear discharge was observed at the receiving stream.

The southwest sand filter bed was ponded and appeared to be overflowing at the time of the inspection. A significant amount of solids could be seen floating in the water ponded on the filter. The northeast bed was clean and ready for use. All flow should be directed to the clean filter and the ponded filter allowed to dry and then scraped clean.

It appears that the recent sewer replacement work has helped reduce the amount of peak flow coming into the wastewater plant judging from the daily flow rates being reported on the DMRs. However, the solids washout onto the filter's is evidence that continued work to reduce peak flows is needed. The use of upflow fixed media clarifiers or flow equalization may also be options the park can investigate in order to help improve treatment of peak flows and keep solids within the aeration system.

A review of the discharge monitoring reports submitted to our office for the months of July 2012 through March 2013 revealed one violation of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. This violation was for exceeding the nitrogen ammonia limit in the March 2013 sample.

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

Sincerely,

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

cc: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2P400037

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

Facility Location 952 SR 571 Date 3/28/13 Time 1:15 am

City Ashland County Ashland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted Randal Becker Operator of Record Randal Becker

Flow: Design 20,000 GPD WWTP Classification: X A or ___ I

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 40° - clouds

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	Color
0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

2. Effect of Effluent on Receiving Stream Name: Leidigh Mill Creek

No.	Severity Description	Turbidity	Odor	Color
0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> 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- N/A

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
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations X Y N Parameters: NH3

Chronic Violations _____

5. O & M logbook kept and available on site: Location in notebook @ WWTP

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies _____

Facility Name: Agape Acres

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency 1/9 months
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <u>X</u> N Motor / Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration <input checked="" type="checkbox"/> N
Final Settling	X	Clarifier	<i>good clarity</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <i>northeast bed clean & ready</i>	<i>South bed ponded with solids + over-flowing</i>
		Polishing Pond	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	<i>in but not on</i>
Flow Metering	X	Elapsed Pump Time	<i>on filter dosing station</i>
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>using regularly</i>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

none