



**Environmental
Protection Agency**

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

Re: Richland County
Pin Oak MHP
NPDES Permit

September 6, 2012

Mr. John Szalay, Owner
Pin Oak MHP
581 Lake of the Woods Boulevard
Akron, Ohio 44333

Dear Mr. Szalay:

On August 16, 2012, an inspection was made of the wastewater treatment facilities serving the Pin Oak Mobile Home Park (MHP) located at 1121 Clayberg Road, Greenwich, Richland County. At the time of the inspection, the treatment plant appeared to be operating normally. A clear final effluent was being discharged into the catch basin along Franklin Church Road. The operator's log was reviewed and found to contain the necessary information. McGhee's TWSI is onsite one day/week. No major concerns were noted but a few minor operational issues were observed.

During the inspection, a large amount of water was flowing into the flow EQ tank for the time of day. Typical flow patterns would have suggested little flow into the treatment plant at the time. Enough water was flowing into the tank to visibly raise the level of the water in the EQ tank during the period of the inspection. This is abnormal and the system should be checked for clean water connections.

The outlet weir in the newer aeration plant clarifier needs to be leveled. Water was only flowing over the weir on one end. The weir should be level so that water flows evenly across the entire length. The splash pad on the southeast sand filter bed also needs to be leveled. The pad had become tilted and was directing all of the water into only one corner of the filter bed. Water should flow evenly off the splash pad in all directions.

A review of the discharge monitoring reports submitted for the time period of February through July 2012 revealed two **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. The violations were for exceeding the fecal coliform limits in the July sample. Your operator has already responded to our office regarding the violations. Failure to continually meet the permit conditions can lead to enforcement action.

Please be aware that your current NPDES permit expires on June 30, 2013. A complete NPDES renewal application shall be submitted to our office no later than December 30, 2012.

Please call me at 419-373-3070 if you have any questions.

Sincerely,

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

/jlm
Enclosure
pc: Lonnie McGhee, McGhee's Technical Water Service Inc.
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00072

Facility Name Pin Oak MHP Expiration Date 6/30/13
 Facility Address 1121 Clayberg Rd Date 8/16/12 Time 11:15 am pm
 City Greenwich County Richland Township _____
 Name and Address of Owner John Szalay
 Person Contacted _____ Owner Phone _____
 Flow: Design 30,000 GPD Present 14,000-28,000 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° sun
 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: unnamed trib Black 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.

Yes No

4. _____ Compliance with NPDES Permit
 Periodic Violations _____ N _____ Parameters: Fecal
 Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 1/week

Facility Name: Ply Oak NHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: <u> pumped 11 month</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	<u>lot of flow into tank, level rise noticeable</u>
Aeration Equipment		Plant Timer <u>Y X N</u>	Cycle Time:
	X	Motor/ Blower Unit <u>running</u>	<u>EQ, fold system / New system - all okay spare blower + motor kept in office</u>
Secondary Treatment		Aeration Tank	Color: <u>good color in all tanks</u>
	X		Adequate Aeration: <u>Y X N</u>
Final Settling	X	Clarifier <u>weir in new plant needs leveled</u>	<u>good clarity in all tanks</u>
	X	Sludge Return	In <u>X</u> Out <u> </u>
	X	Surface Skimmer	In <u>X</u> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <u>both north beds clean</u>	<u>using south east bed - need to level splash pad southwest bed has drying sludge - haul to landfill</u>
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	<u>tablets okay</u>
	X	Dechlorination Tube Feeder	<u>tablets okay</u>
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	<u>on filter dosing station</u>
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (Type) <u>Flow EQ</u>	<u>okay</u>
	X	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	X	Aerated Storage Tank	<u>air off - no odors - getting ready to decant?</u>
	X	Sludge Drying Bed	<u>both beds have some sludge</u>
Sludge Disposal		Municipal POTW	
	X	Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<u>on</u>
		Spray Irrigation	
		Other	