



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: Richland County  
Pin Oak MHP  
NPDES Permit

February 5, 2008

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

Dear Mr. Szalay:

On January 24, 2008, an inspection was made of the wastewater treatment facilities serving the Pin Oak MHP located at 1121 Clayberg Road, Greenwich, Richland County. Ray Reed, the Park Manager, was present to grant access to the plant and answer any questions that I had.

At the time of the inspection the plant was operating with all major treatment units in service. The operation appeared to be satisfactory. Mr. Reed stated that the trash trap had been pumped as requested since our previous inspection. There was a significant decrease in the amount of grease and trash observed floating in the aeration plants. An air line had been installed in the flow splitter box in an attempt to help prevent clogging of the pipes leading to the treatment plant. A clear effluent was observed being discharged from the treatment plant.

Mr. Reed indicated that the toilet bowl flushing valves in approximately 40 of the trailers had been replaced in the last month. Many of these valves were leaking and causing excessive water to be sent to the treatment plant. Mr. Reed estimated a 6,000 gallon per day decrease in the flow received at the treatment plant. We are pleased to see steps being taken to eliminate unnecessary flow to the treatment plant.

A review of the discharge monitoring reports submitted for the time period of August through December 2007, revealed several violations of the limits contained in your current NPDES permit. A printout of these violations is enclosed for your review. The plant continues to show improvements in operations, however continued attention is needed in order to prevent further violations.

Your draft renewal NPDES permit has been public noticed. You should have received a copy of the draft permit. Please look this draft over and contact our office with any questions. Please be aware that the draft permit contains a compliance schedule for installing at a minimum flow equalization and a new flow splitter box. Continue monitoring under the existing permit until it expires in May 2008.

Mr. John Szalay, Owner  
February 5, 2008  
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Please call me at 419-373-3070 if you have any questions.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/llr

Enclosure

pc: D:\SW-NWDO:File w/enclosure --  
Lonnie McGhee, McGhee's Technical Water Service Inc w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P200072

Facility Name Pin Oak MHP Expiration Date 5/31/08

Facility Address 1121 Clayberg Rd Date 1/24/08 Time 11:00 am pm

City Cornwrick County Richland Township \_\_\_\_\_

Name and Address of Owner John Szalay

Person Contacted Roy Reed - Park Manager Owner Phone \_\_\_\_\_

Flow: Design 30,000 GPD Present 25,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 18° sunny

OEPA Personnel Walker 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: Conant trib Back Fork Hobian

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

Yes No

4.  Compliance with NPDES Permit

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

5.  Adequate plant safety

6.  Operation and Maintenance Service Name McGhee's TWSF

Frequency of Visits 1/week

Facility Name: Pine Oak Estates MHD

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>pumped since last inspection</i>
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	<del>Flow Splitter</del> Flow Splitter	<i>Added air to help prevent clogging</i>
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color on both plants</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N <u>    </u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>look good</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u>    </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <u>    </u> <i>switch skimmers on plants every day</i>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>2 ponds to be in use - partially frozen</i>
		Polishing Pond	<i>2 clean + ready to go</i>
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>out</i>
		Ultraviolet (UV)	
Flow Metering		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>okay</i>
	<input checked="" type="checkbox"/>	Sludge Drying Bed	<i>okay - frozen over</i>
Sludge Disposal		Municipal POTW	
	<input checked="" type="checkbox"/>	Landfill - <i>sludge from sand beds</i>	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	

## Pin Oak Estates MHP

NPDES permit limit violations August through December 2007

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2007	001	31616	Fecal Coliform	30D Conc	1000	1200.	8/1/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2.0	9.215	9/1/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.23	.71748	9/1/2007
September 2007	001	31616	Fecal Coliform	30D Conc	1000	17000.	9/1/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	9.78	9/8/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.34	.51824	9/8/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	3.0	8.65	9/15/2007
September 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.34	.91673	9/15/2007
September 2007	001	31616	Fecal Coliform	7D Conc	2000	17000.	9/15/2007
November 2007	001	00530	Total Suspended Solids	7D Conc	18	21.2	11/1/2007
November 2007	001	00530	Total Suspended Solids	7D Qty	2.04	2.24678	11/1/2007
November 2007	001	80082	CBOD 5 day	30D Conc	10	22.65	11/1/2007
November 2007	001	80082	CBOD 5 day	7D Conc	15	42.6	11/1/2007
November 2007	001	80082	CBOD 5 day	30D Qty	1.14	2.32891	11/1/2007
November 2007	001	80082	CBOD 5 day	7D Qty	1.7	4.51475	11/1/2007