



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Marion County
Pleasant Acres MHP
NPDES Permit

December 7, 2009

Mr. Joseph Badalamenti
Pleasant Acres MHP
3200 Smeltzer Road
Marion, Ohio 43302

Dear Mr. Badalamenti:

On November 19, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving the Pleasant Acres MHP. The MHP is located at 3200 Smeltzer Road, Pleasant Township, Marion County. This inspection was conducted as part of your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00040*CD.

At the time of the inspection, the treatment facility was in operation. The contents of the aeration tanks were brown with good roll. The final discharge from the plant was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Listed below are some of our recommendations to enhance the plant's operation:

- 1) Continue to maintain a licensed/certified wastewater operator.
- 2) Continue to check the trash trap and pump it out as necessary.
- 3) The mixed liquor in the aeration tank appeared brown and is an indicator of a fairly healthy microbial population. Continue the current rate of aeration to maintain that color.
- 4) The skimmers must be adjusted so that they just break the surface tension of the liquid in the final clarifiers.
- 5) The weirs of the final clarifiers should be cleaned and leveled so that a moderate amount of liquid passes evenly over the total length.

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- 6) Continue to check that the sludge returns are returning activated sludge to the aeration tanks. If no activated sludge is being returned to the aeration tanks, then gently scrape the sides of the final clarifiers all around the hoppers with slow, easy, downward motions, just enough to help move the sludge toward the bottom of the hopper. This procedure should be done once a week and will increase the solids being returned to the aeration tanks and help turn the color in the aeration tanks to a darker brown.

Our review of your discharge monitoring reports (1/1/2008 to 11/1/2009) for this facility indicated one effluent violation. Please refer to the enclosed violation table and share it with your operator of record. Our completed inspection form is enclosed for your review. Should you have any questions, please contact me at 419-373-3021.

Yours truly,

A handwritten signature in black ink, appearing to be 'Jason Ko', with a long horizontal line extending to the right.

Jason Ko
Division of Surface Water

/lr

Enclosures

pc: Marion County Health Department
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PR00040

Facility Name: Pleasant Acres MHP Expiration Date: February 28, 2012

Facility Address: 3200 Smeltzer Road Date: 11/19/2009 Time: 11:15 am

City: Marion County: Marion Township: Pleasant

Name and Address of Owner: Pleasant Acres MHP, 3200 Smeltzer Road, Marion, Ohio

Person Contacted: John Kincaid - Operator Owner Phone: (740) 386-3768

Flow Design: 20,000 GPD Present 12,000 GPD (estimated)

Trib. Pop. _____ (estimated) Weather at time of inspection: Temp 50°F - cloudy

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids underload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
_____	<u>X</u>	Chlorination Tablets
_____	<u>X</u>	Dechlorination Tablets
_____	_____	U.V

4. Yes _____ No X Compliance with NPDES Permit Periodic Violations Yes _____ No X Parameters: CBOD

5. X _____ Adequate Plant Safety Chronic Violation _____

6. X _____ Operation and Maintenance Service Name : John Kincaid

Frequency of Visits 1/week

Facility Name: Pleasant Acres MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	3	Trash Trap	Pumping Frequency: 2/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: ON 3/4 hour & OFF 1/2 hour
		Motor/ Blower Unit	No spare blower on site
Secondary Treatment	4	Aeration Tank	Color : Brown; good roll Adequate Aeration: Y <u>X</u> N <u> </u>
Final Settling	2	Clarifier	w/ 2 hoppers
	2	Sludge Return	In <u>X</u> Out <u> </u>
	2	Surface Skimmer	In <u>X</u> Out <u> </u>
	2	Fixed Media Clarifier	
Tertiary Treatment	3	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	OUT	Chlorine Tube Feeder	
	OUT	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Water Meter
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	IN	Aerated Storage Tank	1 unit
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	OUT	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00040*CD	July 2009	001	80082	CBOD 5 day	30D Conc	10	13.	7/1/2009