



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: Hardin County
Morton Buildings, Inc.
NPDES Permit

October 31, 2007

Mr. James Hites, Sr.
Morton Buildings, Inc.
14483 State Route 31
Kenton, Ohio 43326

Dear Mr. Hites:

On October 25, 2007, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted at the Morton Buildings, Inc., plant. Mr. Chet Baughman and Mr. Roger Crates were present and provided information on operation and maintenance of the wastewater treatment system.

During our visit, the treatment plant was in operation. The contents of the aeration tank had a weak brown color. The water in the clarifier was turbid. There was no discharge from the controlled discharge lagoon.

As discussed with Mr. Baughman, the inlet for the surface skimmer in the clarifier was submerged. The inlet of this pipe must be extended to approximately 1/2" below the water surface. The skimmer should only be operated on an as needed basis to remove any floating scum or solids from the clarifier surface.

Our review of your monthly operating reports (MORs) indicates that the influent flow is not being reported. This flow rate must be reported on a daily basis. Please begin monitoring and reporting the estimated flow in accordance with your NPDES permit requirements.

A copy of our completed report is enclosed for your records. If you have any questions, please call me at (419)373-3008.

Sincerely,

Thomas Poffenbarger, P.E.
District Engineer
Division of Surface Water

/lb

Enclosure

pc: Mr. Chet Baughman, Operator w/enclosure

~~DSW-NWDO File w/enclosure~~

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

NPDES Permit No. 2PRO0233

Facility Name Morton Buildings, Inc. Expiration Date DECEMBER 31, 2011

Facility Address 14483 State Route 31 Date 10/25/07 Time 10:00 (am) / pm

City _____ County Hardin Township Buck

Name and Address of Owner Mr. James Hites, Sr. Morton Buildings, Inc., 14483 State Route 31, Kenton, OH 43326

Person Contacted Mr. Chet Baughman, Operator Owner Phone 419-674-4303

Flow: Design 5000 GPD Present Unknown GPD (metered - estimated)

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

OEPA Personnel Thomas Paffenbarger, PE District NWDO

1. Plant Effluent - Mark Severity No. No Discharge

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

2. Effect of effluent on Receiving Stream Name: tributary to Gander Run

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 _____ 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 Y N Parameters: _____

Chronic Violations X _____ Influent flow not reported

5. Adequate plant safety

6. Operation and Maintenance Service Name Mr. Chet Baughman

Frequency of Visits 3 days/week Minimum.

Facility Name: Morton Buildings, Inc.

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated
Aeration Equipment	2	Plant Timer: <u>X</u> <u>Y</u> ___ N	Cycle Time:
		Motor/Blower Unit	2 hrs on / 6 hrs off
Secondary Treatment	1	Aeration Tank	Color: WEAK BROWN Adequate Aeration: Y <u>X</u> N ___
Final Settling	1	Clarifier	
	1	Sludge Return	In <u>X</u> Out <u>Clear</u>
	1	Surface Skimmer	In <u>X</u> Out <u>Submerged</u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Clear
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
	1	Chlorine Tube Feeder	Chlorine tablets are on order
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	In EQ tank
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	1	Post Aeration	In Chlorine Contact Tank
		Spray Irrigation	
	1	Other	Controlled Discharge Lagoon