



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: Ottawa County
Blue Moon Apartments
NPDES Permit

November 18, 2008

Mr. Don Gruber
P.O. Box 72
Martin, Ohio 43445

Dear Mr. Gruber:

On October 6, 2008, an inspection was made of the wastewater treatment facilities serving the Blue Moon Apartments. In general, both operation and maintenance appeared fair. At the time of my visit, all major treatment components were in operation and a turbid final effluent was observed in the chlorine contact tank. Treated effluent discharges to a storm tile and eventually Toussaint Creek.

NPDES discharge monitoring reports are being received in a timely manner and indicate compliance with the exception of periodic ammonia violations. Enclosed is a copy of the violations to review with your operator.

Inadequate drainage at the site has hindered plant operations. During a subsequent phone conversation you informed me of improvements done by yourself, which have helped, however, you are pursuing permanent drainage improvements with ODOT.

Enclosed is my completed inspection report. If you have any questions, please feel free to call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

pc: Scott Young, Ottawa County Health Department
Tom Kurfess, Clean Water Service, Inc.
(DSW-NWDO File)

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PW00019
 Facility Name Blue Moon Apartments Expiration Date 12-31-10
 Facility Address 20811 SR 5 Date 10-6-08 Time 11:15 (am) pm
 City - County Ottawa Township Clay
 Name and Address of Owner Northwest Shores Investors, LLC, Don Gruber, Mgr. Member
 Person Contacted none Owner Phone (419) 855-7250
 Flow: Design 2000 GPD Present unknown GPD (metered - estimated)
 Trib. Pop. 8 apartment, 1 house (actual - estimated) Weather at time of inspection: Temp 60° overcast
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Storm Tule → Toussaint Creek - 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 _____ 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
<u>✓</u>	_____
<u>✓</u>	_____
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	Ultraviolet (U.V.)

4. ✓ Yes ✓ Compliance with NPDES Permit
 Periodic Violations ✓ N Parameters: Ammonia
 Chronic Violations _____
 5. ✓ Adequate plant safety
 6. ✓ Operation and Maintenance Service Name Castwood
 Frequency of Visits 1/week

Facility Name: Blue Moon Apartments

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	turbid
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	1 ponded
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	turbid
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2		
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	10.572	3/1/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.04002	3/1/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	16.4	3/3/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.03	.06207	3/3/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	6.24	3/6/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	15.85	3/24/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.03	.05999	3/24/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	12.71	3/25/2008
2PW00019*AD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.03	.04811	3/25/2008
2PW00019*AD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.0293	6/1/2008
2PW00019*AD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	7.74	6/1/2008
2PW00019*AD	June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.74	6/16/2008