



**Environmental
Protection Agency**

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

Re: Ottawa County
Blue Moon Apartments
NPDES Permit

January 23, 2012

Mr. Don Gruber
21530 Moline-Martin
Genoa, Ohio 43430

Dear Mr. Gruber:

On December 11, 2012, 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 clear final effluent was observed in the chlorine contact tank.

One of the sand filters was ponded, and the other side had excessive solids and was drying out. When completely dried out, it should be cleaned and returned to service. It was hoped that local drainage improvements would alleviate excessive clean water surges to the collection system and plant leading to improved NPDES permit compliance. Efforts should be made to locate and eliminate the main source of clean water entering the system.

NPDES discharge monitoring reports are being received in a timely manner and indicated both concentration and loading violations in 2011. Enclosed is a copy of the violations to review with your operator. Please be aware that chronic violations may subject you to escalated enforcement action from this agency.

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

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosures

pc: Ottawa County Health Dept.
Eastwood Environmental

ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PW00019*BD

Facility Name Blue Moon Apartments Expiration Date 2-29-16

Facility Address 20811 SR 51 Date 1-10-12 Time 10:20 (am/pm)

City - County Ottawa Township Clay

Name and Address of Owner Don Gruber, 21530 Mallin-Martin Rd, Garsia

Person Contacted none Owner Phone (919) 855-7250

Flow: Design 2000 GPD Present _____ GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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: drainage tile to

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
_____	_____ Chlorination Tablets <u>N/A</u>
_____	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No (1/11 - 12/11)

4. / Compliance with NPDES Permit

Periodic Violations / N Parameters: Ammonia, CBOD5

Chronic Violations _____

5. / Adequate plant safety

6. / Operation and Maintenance Service

Name Eastwood Env

Frequency of Visits Class A

Facility Name: Blue Moon Apts

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 ___Y___N Motor/ Blower Unit	Cycle Time:
Secondary Treatment	1	Aeration Tank	Color : <u>Brown</u> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	1	Clarifier	
	1	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	1 ponded w/ sump
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<u>clear</u>
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		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*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	15.145	3/1/2011
2PW00019*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	19.77	3/1/2011
2PW00019*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.02	.11224	3/1/2011
2PW00019*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.03	.11224	3/1/2011
2PW00019*BD	March 2011	001	80082	CBOD 5 day	7D Qty	0.01	.06245	3/1/2011
2PW00019*BD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	10.52	3/15/2011
2PW00019*BD	June 2011	001	00530	Total Suspended Solids	30D Conc	12.0	12.3333	6/1/2011
2PW00019*BD	June 2011	001	80082	CBOD 5 day	30D Conc	10.0	11.6666	6/1/2011
2PW00019*BD	June 2011	001	80082	CBOD 5 day	7D Conc	15.0	18.	6/1/2011
2PW00019*BD	June 2011	001	80082	CBOD 5 day	30D Qty	0.08	.1022	6/1/2011
2PW00019*BD	June 2011	001	80082	CBOD 5 day	7D Qty	0.01	.1022	6/1/2011
2PW00019*BD	June 2011	001	00530	Total Suspended Solids	7D Conc	18.0	22.	6/15/2011