



Environmental
Protection Agency

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

May 16, 2012

Joe Allen, Operator
Bigham's Apartments WWTP
17578 Ringgold-Northern Road
Circleville, OH 43113

**Re: Bigham's Apartments WWTP
NPDES Permit 4PW00007/ OH0124010
Reconnaissance Inspection
Pickaway County**

Dear Mr. Allen:

On May 15, 2012, a Reconnaissance Inspection was conducted at the Bigham's Apartments WWTP. Present for the inspection were Joe Allen, contract operator, representing Bigham's Apartments and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant. The following findings were noted during the inspection:

- 1) The sand filters had considerable plant growth and were running low on sand. The facility shall remove the plants from the filters and add or replace the sand as needed to meet filter specifications. Please see the attachment for information on filter sand requirements. Once this work is completed, please submit a photograph of the cleaned and replenished sand filters to Paul Vandermeer at the e-mail address listed below.
- 2) The trash trap was nearly full and will require pumping very soon. Once the trash trap is pumped out, the facility shall notify Paul Vandermeer that this was completed by sending a copy of the invoice from the contractor used to accomplish the work.
- 3) The discharge pipe to Walnut Creek did not have an identification sign posted as per the NPDES permit. The outfall to Walnut Creek is on private property not owned by the entity. The facility shall attempt to secure permission from the property owner to post a sign as specified in the NPDES permit. If permission is secured, please post the sign, take a photograph of the new sign, and send it to Paul Vandermeer via e-mail at the address listed below.

Joe Allen, Operator
Bigham's Apartments WWTP
Page -2-

- 4) The WWTP receives so little flow that it rarely discharges. Other than the sand filters, the plant seemed to be satisfactorily maintained.
- 5) Once the facility retained a contract operator of record, the frequency violations and non-submittal of electronic monitoring reports ceased. The code violations are due to samples that were lost at the laboratory and not due to negligence at the facility. Samples were retaken and will be analyzed and recorded as soon as possible.
- 6) The operator shall record the time spent at the facility in the logbook. Presently, he records the arrival time, but not the departure time.

The facility shall provide a response to the first three of the above listed items by June 22, 2012. If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,



Paul L. Vandermeer
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

c: File Copy
Mr. Richard Bigham

ec: Paul Vandermeer

PLV/nsm Bighams Apts

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PW00007	OH0124010	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/15/2012	8:50 AM	9:10 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Bigham's Apartments WWTP Zig Zag Road Ashville, OH	7/1/2011
	Permit Expiration Date
	6/30/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Joe Allen, Operator	(740) 207-6213
Name and Title of Responsible Official	Phone Number
Richard Bingham, Owner	(740) 969-4663

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
M	NPDES Compliance	Several missing reports. Most months have no discharge.
M*	Operations & Maintenance	Sand filters had a large amount of growth and needed new sand. See attachment for sand requirements.
S*	Facility Site Review	
N	Collection System	
N	Flow Measurement	
S	Receiving Waters	No discharge observed.
N	Laboratory	

Comments: *Apartment complex consists of only one habitable building, the rest being in a condemned state. Only 2 small families live there at present, so there is minimal wastewater going to the plant. The plant rarely discharges but seems to be in good working order, other than the maintenance needed for the sand filters.

Signatures			
	5/16/12		5/16/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Mike Gallaway, Reviewer Section Manager Division of Surface Water Central District Office	Date

Compliance Data for Bigham's Apartments WWTP between 3/1/2011 to 5/1/2012

Summary

Permit Effluent Limit Violations: 0
 Permit Effluent Code Violations: 6
 Permit Effluent Frequency Violations: * 39
 Compliance Schedule Violations: 0

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
March 2012	001	CBOD 5 day	AB	3/19/2012
March 2012	001	Nitrogen, Ammonia (NH3)	AB	3/19/2012
March 2012	001	Nitrogen, Ammonia (NH3)	AB	3/19/2012
March 2012	001	Nitrogen, Ammonia (NH3)	AB	3/19/2012
March 2012	001	Nitrogen, Ammonia (NH3)	AB	3/19/2012
March 2012	001	Total Suspended Solids	AB	3/19/2012

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
February 2012	001	Water Temperature	1/Week	1	0	02/22/2012
February 2012	001	Color, Severity	1/Week	1	0	02/22/2012
February 2012	001	Odor, Severity	1/Week	1	0	02/22/2012
June 2011	001	Flow Rate	1/Day	1	0	06/01/2011
June 2011	001	Flow Rate	1/Day	1	0	06/03/2011
June 2011	001	Flow Rate	1/Day	1	0	06/04/2011
June 2011	001	Flow Rate	1/Day	1	0	06/05/2011
June 2011	001	Flow Rate	1/Day	1	0	06/06/2011
June 2011	001	Flow Rate	1/Day	1	0	06/07/2011
June 2011	001	Flow Rate	1/Day	1	0	06/08/2011
June 2011	001	Flow Rate	1/Day	1	0	06/09/2011

June	2011	001	Flow Rate	1/Day	1	0	06/10/2011
June	2011	001	Flow Rate	1/Day	1	0	06/11/2011
June	2011	001	Flow Rate	1/Day	1	0	06/12/2011
June	2011	001	Flow Rate	1/Day	1	0	06/13/2011
June	2011	001	Flow Rate	1/Day	1	0	06/14/2011
June	2011	001	Color, Severity	1/Week	1	0	06/15/2011
June	2011	001	Odor, Severity	1/Week	1	0	06/15/2011
June	2011	001	Turbidity, Severity	1/Week	1	0	06/15/2011
June	2011	001	Flow Rate	1/Day	1	0	06/15/2011
June	2011	001	Flow Rate	1/Day	1	0	06/16/2011
June	2011	001	Flow Rate	1/Day	1	0	06/17/2011
June	2011	001	Flow Rate	1/Day	1	0	06/18/2011
June	2011	001	Flow Rate	1/Day	1	0	06/19/2011
June	2011	001	Flow Rate	1/Day	1	0	06/20/2011
June	2011	001	Flow Rate	1/Day	1	0	06/21/2011
June	2011	001	Color, Severity	1/Week	1	0	06/22/2011
June	2011	001	Odor, Severity	1/Week	1	0	06/22/2011
June	2011	001	Turbidity, Severity	1/Week	1	0	06/22/2011
June	2011	001	Flow Rate	1/Day	1	0	06/22/2011
June	2011	001	Flow Rate	1/Day	1	0	06/23/2011
June	2011	001	Flow Rate	1/Day	1	0	06/24/2011
June	2011	001	Flow Rate	1/Day	1	0	06/25/2011
June	2011	001	Flow Rate	1/Day	1	0	06/26/2011
June	2011	001	Flow Rate	1/Day	1	0	06/27/2011
June	2011	001	Flow Rate	1/Day	1	0	06/28/2011
June	2011	001	Flow Rate	1/Day	1	0	06/29/2011
June	2011	001	Flow Rate	1/Day	1	0	06/30/2011
August	2011	001	CBOD 5 day	1/Quarter	1	0	08/01/2011

*The facility has 6 missing data reports.

Station	Required Report Period	DMR Received
001	April 2011	No
588	April 2011	No
001	May 2011	No
588	May 2011	No
001	July 2011	No