

**Environmental
Protection Agency**

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

May 22, 2012

Mr. Joe Allen, Operator
Walnut Elementary School WWTP
385 Circleville Ave.
Ashville, OH 43103

**Re: Walnut Elementary School WWTP
NPDES Permit 4PT00117/ OH0130800
Reconnaissance Inspection
Pickaway County**

Dear Mr. Allen:

On May 15, 2012, a Reconnaissance Inspection was conducted at the Walnut Elementary School, Teays Valley Local School District. Present for the inspection were yourself, contract operator for the Walnut Elementary School WWTP, 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 the NPDES permit and to evaluate the operation and maintenance of the plant. The findings of the inspection are listed below:

- ❖ Beginning with the new 2012-13 school year, the facility shall experiment with using dosing pump timer to determine effluent flow. If actual effluent flow using the dosing pump timer is $\geq 10\%$ different than the potable water use record (higher or lower), then the dosing pump timing method shall be used to estimate effluent flow rather than the potable water use. No matter what method is used to estimate flow, the facility shall provide annual calibration records for the flow measurement device. Please indicate to Paul Vandermeer which method will be ultimately used to determine flow by the end of 2012.
- ❖ The facility shall install a sign at the outfall in accordance with the requirements of the NPDES permit. The sign shall be installed by June 15, 2012. Please e-mail a photograph of the installed sign to Paul Vandermeer at the address given below.
- ❖ The facility has submitted NPDES permit renewal documentation and payment. The new NPDES permit is on track to be issued in late July, 2012. With the new permit, the facility can expect bacteria limits based on *E. coli* rather than fecal coliform. Experience has demonstrated that *E. coli* is more difficult to manage with chlorine disinfection than fecal coliform and the facility should be aware of this moving into the disinfection season.

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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,

A handwritten signature in black ink, appearing to read "Paul Vandermeer", with a long horizontal flourish extending to the right.

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

ec: Paul L. Vandermeer

PLV/nsm Walnut Elementary School

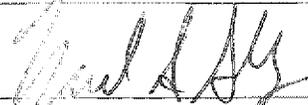
NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PT00117	OH0130800	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/15/2012	9:30 AM	10:30 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Walnut Elementary School Winchester Road Ashville, OH	8/1/2007
	Permit Expiration Date
	7/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mr. Joe Allen, Operator	(740) 207-6455
Name and Title of Responsible Official	Phone Number
Mr. Joe Allen, Operator	(740) 207-6455

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	Violations result from uneven loadings to the plant due to the nature of school attendance (e.g., holidays, summer vacation, fall startup, etc.). These are managed as well as can be expected.
S	Operations & Maintenance	Plant is well maintained.
M	Facility Site Review	Facility must install outfall identification signage.
N	Collection System	
S	Flow Measurement	Potable water use records.
S	Receiving Waters	
N	Laboratory	

Comments:

Signatures			
	5/22/12		5/22/12
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 Walnut Elementary School between 3/1/2010 to 5/1/2012

Summary

Permit Effluent Limit Violations: 14

Permit Effluent Code Violations: 1

Permit Effluent Frequency Violations: * 0

Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2010	001	Fecal Coliform	30D Conc	1000	1150.	9/1/2010
October 2010	001	Total Suspended Solids	30D Conc	12	36.	10/1/2010
October 2010	001	Total Suspended Solids	30D Qty	0.45	2.7252	10/1/2010
October 2010	001	Total Suspended Solids	1D Conc	18	36.	10/27/2010
October 2010	001	Total Suspended Solids	1D Qty	0.68	2.7252	10/27/2010
December 2010	001	Total Suspended Solids	30D Conc	12	19.	12/1/2010
December 2010	001	Total Suspended Solids	1D Conc	18	19.	12/28/2010
January 2011	001	Total Suspended Solids	30D Conc	12	20.	1/1/2011
January 2011	001	Total Suspended Solids	1D Conc	18	20.	1/26/2011
September 2011	001	Fecal Coliform	30D Conc	1000	2850.	9/1/2011
September 2011	001	Fecal Coliform	1D Conc	2000	2850.	9/28/2011
October 2011	001	Total Suspended Solids	30D Conc	12	13.	10/1/2011
October 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.8	10/1/2011
October 2011	001	Nitrogen, Ammonia (NH3)	1D Conc	1.5	1.8	10/27/2011

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
October 2011	001	Fecal Coliform	AK	10/27/2011