



Environmental
Protection Agency

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

FILE COPY

August 3, 2011

Steven Smith, Manager of Water Reclamation
Canal Winchester WWTP
36 South High Street
Canal Winchester, OH 43110

Re: **Canal Winchester WWTP**
NPDES Permit 4PB00012/ OH0024333
Reconnaissance Inspection
Franklin County

Dear Mr. Smith:

On July 18, 2011, a Reconnaissance Inspection was conducted at the Canal Winchester WWTP. Present for the inspection were you and Jan Rice 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.

Findings:

1. The Canal Winchester WWTP has recently received funding to do inflow and infiltration (I&I) reduction improvements. The improvements have included: lining of significant stretches of sanitary sewers, raising manholes to be at ground level, replacing a force main, upgrading pumps, and the installation of a screen rated at 5 MGD. There have also been control unit upgrades which provide the ability to check the status of certain processes online.
2. One of the Schreiber units is currently out-of-service due to repairs which need to be made including the pump and re-welding part of the rotation train. **Please inform this office when these tasks are completed.**
3. Attached are the violations and flow rates experienced between May 2009 and June 2011. No additional response is necessary.

Steven Smith, Manager of Water Reclamation
Canal Winchester WWTP
Page -2-

Attached is the Reconnaissance Inspection Report. There are no additional items which require a response. If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846 or e-mail at cole.miller@epa.ohio.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cole Miller".

Cole Miller
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

CM/nsm 7-11 Canal Winchester CEI Cover Letter

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PB00012	OH0024333	RI	S	
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
7/18/2011	9:00 AM	10:30 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Canal Winchester WWTP 400 Ashbrook Road Canal Winchester, Ohio 43110	10/1/2008
	Permit Expiration Date
	6/30/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Steven Smith, Manager of Water Reclamation	(614) 837-2254
Name and Title of Responsible Official	Phone Number
Steven Smith, Manager of Water Reclamation	(614) 837-2254

SECTION C: AREAS EVALUATED DURING INSPECTION	
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated	
S	NPDES Compliance
S	Operations & Maintenance
S	Facility Site Review
N	Collection System
S	Flow Measurement
S	Receiving Waters
S	Laboratory

Comments:

Signatures	
 8/13/11	 7/25/11
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office

Compliance Data for Canal Winchester WWTP between 5/1/2009 to 6/1/2011

Summary

Permit Effluent Limit Violations: 4

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 0

Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	4.	5/15/2009
May 2009	001	Nitrogen, Ammonia (NH3)	7D Qty	14.1	14.6560	5/15/2009
October 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.13667	10/22/2009
April 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.75	4/8/2010

Flow Data for Canal Winchester WWTP between 5/1/2009 and 6/1/2011

	Date	Flows (MGD)
Ten Highest Flows	5/23/2011	3.000
	5/3/2011	2.976
	4/19/2011	2.932
	4/23/2011	2.747
	4/20/2011	2.622
	5/4/2011	2.539
	4/22/2011	2.517
	4/21/2011	2.397
	3/5/2011	2.263
	4/25/2011	2.169
Average Flow Rate		1.094