



March 20, 2013

Pat Byers, Board Member
Walnut Creek Sewer District
102 East Columbus Street
Pleasantville, OH 43148

Re: **Walnut Creek Sewer District WWTP**
NPDES Permit 4PA00005/ OH0054917
Reconnaissance Inspection
Fairfield County

Dear Ms. Byers:

On March 19, 2013, a Reconnaissance Inspection was conducted at the Walnut Creek Sewer District WWTP. Present for the inspection were John Kinder and Matt Ardrey representing Walnut Creek Sewer District 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 items were discussed during the inspection:

- ❖ Calibration of the effluent flow meter was slightly overdue. The facility shall ensure that the flow meter is calibrated on or before April 8, 2013 and e-mail documentation of the calibration to Paul Vandermeer at the address listed below.
- ❖ The bar screening equipment was not in use at the time of the inspection due to freezing conditions. This equipment has not been in use for most of the winter. This has caused a buildup of rags and other inert materials within the treatment train, especially the clarifiers and has led to some maintenance problems. In the previous inspection report from March, 2012 it was recommended that the district construct a temporary shelter around the screening equipment that would allow it to be heated and in operation throughout the winter. The same recommendation applies this year as well. If maintenance and treatment are hindered or negatively impacted by the lack of influent screening and violations of the permit conditions result, then the district will be required to construct a shelter for the influent screen.

- ❖ Approximately 20% of the entries in the logbook did not contain sign in/sign out information for the operator of record. The operator must ensure that sign in and sign out times are recorded in order to demonstrate that the minimum hours are completed at this Class II wastewater facility.
- ❖ Based on the nature of high flow events shown in the attached table, inflow and infiltration seem to be problematic. The district must be diligent in researching and eliminating both in order to prevent hydraulic overloading of the WWTP. Please notify Paul Vandermeer of any plans to address inflow and infiltration to help minimize wet weather flows to the WWTP.

Please see the attached inspection report for further information. Unless otherwise noted, please respond to the items in this letter and report by April 30, 2013. 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.state.oh.us.

Sincerely,



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

ec: Paul Vandermeer

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PA00005	OH0054917	RI	3	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
3/19/2013	8:50 am	9:35 am	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Walnut Creek Sewer District WWTP 1700 Leitnaker Rd. Pleasantville, OH	8/1/2008
	Permit Expiration Date
	7/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Matt Ardrey, Kinder Environmental Services	(740) 404-1176
Name and Title of Responsible Official	Phone Number
Pat Byers, Board Member	(740) 468-3409

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
M	Operations & Maintenance	Automatic screening equipment was not in use due to freezing weather.
S	Facility Site Review	
M	Collection System	Recent rainfall has increased flows substantially. Inflow and infiltration minimization work is likely needed.
U	Flow Measurement	Annual calibration needed.
S	Receiving Waters	
S	Laboratory	TCCI Laboratory performs all analysis except D.O., pH and temperature

Comments:

Signatures			
	3/19/13		3/19/13
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Compliance Data for Walnut Creek SD between 3/1/2012 to 3/1/2013

Summary

Permit Effluent Limit Violations: 0

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 0

Compliance Schedule Violations: 0

Flow Data for Walnut Creek SD between 3/1/2012 and 3/1/2013

	Date	Flow (MGD)
Ten Highest Flows	7/1/2012	0.550
	3/8/2012	0.359
	3/15/2012	0.324
	1/30/2013	0.318
	12/19/2012	0.287
	3/18/2012	0.283
	9/2/2012	0.268
	3/16/2012	0.266
	3/19/2012	0.260
	3/21/2012	0.260
Average Flow Rate		0.117