



Environmental
Protection Agency

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

February 27, 2012

Darin Wise, Plant Superintendent
Newark WWTP
1003 East Main Street
Newark, OH 43055

**Re: Newark WWTP
NPDES Permit 4PE00001/ OH0026671
Reconnaissance Inspection
Licking County**

Dear Mr. Wise:

On February 23, 2012, a Reconnaissance Inspection was conducted at the Newark WWTP. Present for the inspection were Bryan Curry and Darin Wise of the City of Newark and Sheree Gossett-Johnson 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:

- Please discontinue the use of the AL code. Instead, use the checkbox at the top of the form indicating no discharge for the month.
- The City is experiencing effluent limit violations for *E. coli* resulting in significant non-compliance (SNC). Once a facility reaches SNC status, escalated enforcement may be initiated, which may include a monetary penalty. Research performed by personnel at the WWTP has identified materials in the effluent that interfere with the transmission of the ultraviolet radiation used for disinfection. The City of Newark shall reexamine local pretreatment limits to determine needed changes in the limits that will reduce or eliminate the transmissivity issues and restore compliance for *E. coli* in the WWTP effluent as per OAC 3745-3-02(B). The City shall provide a plan and schedule for returning to compliance to Paul Vandermeer by April 30, 2012. If requested, the Ohio EPA, DSW, CDO pretreatment coordinator may assist the City with its pretreatment program.

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- Other frequency and code violations were adequately explained or updated by the City and pose no impediment to continuing compliance.

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

ec: Paul Vandermeer

PV/nsm Newark

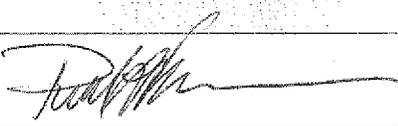
NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	inspection Type	inspector	Facility Type
4PE00001	OH0026671	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
2/23/2012	9:00 AM	10:30 AM	No	Yes

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Newark WWTP 1003 E. Main St. Newark, OH 43055	8/1/2011
	Permit Expiration Date
	7/31/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Bryan Curry, Operator	(740) 349-6768 ext. 203
Name and Title of Responsible Official	Phone Number
Darin Wise, Plant Superintendent	(740) 349-6769 ext. 202

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
M	NPDES Compliance	UV light transmission issues in the effluent are causing problems with disinfection.
S	Operations & Maintenance	Phosphorus concentrations in influent are down by nearly 50%.
S	Facility Site Review	
N	Collection System	
S	Flow Measurement	Calibrated 7/18/11
S	Receiving Waters	
S	Laboratory	WWTP lab performs all analyses except organic chemicals and nitrate+nitrite. These are performed by Alloway.

Comments:

Signatures	
 2/24/11	 2.24.12
Paul Vandermeer, 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 Newark WWTP between 3/1/2011 to 2/1/2012

Summary

Permit Effluent Limit Violations: 3
 Permit Effluent Code Violations: 4
 Permit Effluent Frequency Violations: 5
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2011	001	E. coli	30D Conc	126	146.906	8/1/2011
August 2011	001	E. coli	7D Conc	284	348.608	8/15/2011
September 2011	001	E. coli	7D Conc	284	410.798	9/15/2011

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
May 2011	801	Fecal Coliform	AK	5/3/2011
May 2011	901	Fecal Coliform	AK	5/3/2011
July 2011	014	Overflow Volume	AD	7/14/2011
July 2011	012	Overflow Volume	AD	7/23/2011

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
September 2011	601	Total Suspended Solids	3/Week	3	2	09/22/2011
September 2011	601	CBOD 5 day	3/Week	3	2	09/22/2011
September 2011	001	Total Suspended Solids	3/Week	3	2	09/22/2011
September 2011	001	Nitrogen, Ammonia (NH3)	3/Week	3	2	09/22/2011
September 2011	001	CBOD 5 day	3/Week	3	2	09/22/2011

Flow Data for Newark WWTP between 3/1/2011 and 2/1/2012

	Date	Flows (MGD)
Ten Highest Flows	12/6/2011	19.810
	5/3/2011	19.241
	1/27/2012	19.208
	3/10/2011	18.300
	4/23/2011	17.710
	11/28/2011	17.500
	3/6/2011	17.464
	5/4/2011	17.406
	11/29/2011	17.065
	3/9/2011	16.530
Average Flow Rate		8.943