



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

September 25, 2009

RE: WAYNE COUNTY  
CITY OF WOOSTER  
NPDES# 3PD00013

NOTICE OF VIOLATION

CERTIFIED MAIL

Mayor Robert Breneman  
City of Wooster  
1020 Old Columbus Road  
Wooster, Ohio 44691-4618

Dear Mayor Breneman:

A summary of the City of Wooster's wastewater treatment plant discharge violations for outfall 001 for the months of July and August 2009 are shown below:

July 2009

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2009	001	80082	CBOD 5 day	30D Conc	10	12.3846	7/1/2009
July 2009	001	80082	CBOD 5 day	30D Qty	284	354.136	7/1/2009
July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.46	2.12	7/1/2009
July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	41	44.7889	7/1/2009
July 2009	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.19	2.925	7/15/2009
July 2009	001	00530	Total Suspended Solids	30D Conc	16	56.	7/1/2009
July 2009	001	00530	Total Suspended Solids	30D Qty	455	1698.44	7/1/2009
July 2009	001	00530	Total Suspended Solids	7D Conc	24	51.25	7/15/2009
July 2009	001	00530	Total Suspended Solids	7D Qty	682	967.244	7/15/2009

August 2009

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2009	001	80082	CBOD 5 day	7D Conc	15	16.	8/22/2009
August 2009	001	80082	CBOD 5 day	7D Qty	426	539.078	8/22/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	7.0	3.4	8/10/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	7.0	4.6	8/11/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	7.0	5.7	8/20/2009
August 2009	001	00300	Dissolved Oxygen	1D Conc	7.0	3.9	8/28/2009
August 2009	001	31616	Fecal Coliform	1D Conc	2000	9000.	8/11/2009
August 2009	001	31616	Fecal Coliform	1D Conc	2000	5200.	8/12/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3)	Conc	1.46	1.4625	8/1/2009
August 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	41	44.0413	8/1/2009
August 2009	001	00530	Total Suspended Solids	30D Conc	16	21.84	8/1/2009

Mayor Robert Breneman  
City of Wooster  
September 25, 2009  
Page 2

August 2009	001	00530	Total Suspended Solids	30D Qty	455	670.458	8/1/2009
August 2009	001	00530	Total Suspended Solids	7D Conc	24	31.	8/8/2009
August 2009	001	00530	Total Suspended Solids	7D Qty	682	1069.85	8/8/2009
August 2009	001	00530	Total Suspended Solids	7D Conc	24	34.7142	8/22/2009
August 2009	001	00530	Total Suspended Solids	7D Qty	682	1066.00	8/22/2009

Our office is in receipt of the City's August 21, 2009 letter addressing the above noted violations. The letter stated that the plant experienced several wet weather events which resulted in increased flows to the plant. During wet weather events, the plant is operated in contact stabilization mode. The Ammonia violations were due to the inability of the plant to complete ammonia removal during contact stabilization mode. The poor sludge settleability that occurs in the final clarifiers results in solids bulking during the heavy rain events and attributes to the CBOD, TSS, Fecal Coliform and DO violations.

During July and August, the City continued to feed the Archa from Arkea Solutions and it is understood the batch in use was to expire on August 24, 2009. The City has not ordered a replacement batch of the product. The City may reorder more of the treatment should noncompliance increase after ceasing the additives.

The City continues to feed polymer at the headworks of the wastewater treatment plant. The polymer addition has increased the DAF unit efficiency and it appears the primary clarifier efficiency has improved.

The ferric chloride feed point has moved from the headworks and is now located at the secondary clarifier distribution chamber. It is understood this feed point was moved to improve settling performance in the final clarifiers. Prior to this, the ferric chloride feed point was at the influent to the DAF unit.

The PTI for the City's biotower project has been received at the Northeast District Office and is currently under review. The City and the City's engineering consultant will be contacted with any review comments. If the City or the City's engineering consultant has questions regarding the PTI application, please contact Ms. Donna Kniss of this office at (330) 963-1285.

If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.  
Environmental Engineer  
Division of Surface Water

LAW:cl

pc: Mr. Jim Borton, Utilities Manager, City of Wooster  
Mr. Lee Troyer, Pretreatment Coordinator, City of Wooster  
Wayne County Health Department

ec: Rich Blasick, P.E., Ohio EPA, DSW, NEDO  
Virginia Wilson, P.E., Ohio EPA, DSW, NEDO  
Larry Reeder, Ohio EPA, DSW Enforcement, Central Office  
Bill Fischbein, Ohio EPA, Lega

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