

**Environmental  
Protection Agency**

Governor  
Lt. Governor  
Director

August 30, 2011

RE: WAYNE COUNTY  
CITY OF WOOSTER  
NPDES# 3PD00013

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

Dear Mayor Breneman:

On August 22, 2011, Dean Stoll and this writer conducted a compliance evaluation inspection (CEI) of the City of Wooster Wastewater Treatment Plant (WWTP). Present during the inspection was Jim Borton, Utilities Manager, City of Wooster.

The City has completed the construction of the BioTower. The BioTower was put into service in January 2011 and since that time has been in operation. There have been a few manufacturing defects and problems, but Mr. Borton informed us that these issues have been repaired and the tower is operating as designed. Based on the monthly operating reports, the City is reporting a 60 to 80% CBOD removal from the BioTower.

Mr. Borton stated that the Wooster City Council has authorized URS, Inc. to conduct a capacity study that was outlined in the draft Director's Findings and Orders. The study is projected to start by the end of August.

The following details the results of the CEI:

- 1) The wastewater treatment plant no longer adds polymer to enhance the settling characteristics of the wastewater plant sludge.
- 2) At the time of the inspection, the VLR's mixed liquor was a chocolate brown color and was provided with good air circulation. Both blowers were operating at the time of the inspection.
- 3) At the time of the inspection, 2 secondary clarifiers were in operation. The overall condition of the clarifiers is a major improvement since the 2010 CEI. The inner rings of the clarifiers were no longer packed with solids. There are solids floating on the surface of the tank but did not appear to be passing over the weirs.
- 4) The flow meters are calibrated on a regular basis.
- 5) The influent sampling refrigerator was not operating properly at the time of the inspection. Mr. Borton placed a follow up call to my attention stating that repairs have been made to the influent sampler.

A summary of the City of Wooster's wastewater treatment plant discharge violations for outfall 001 for the months of July 2010 to July 2011 are shown below:

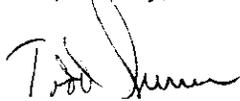
Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2010	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.19	2.6	7/8/2010
July 2010	001	00610	Nitrogen, Ammonia (NH3	7D Qty	62	65.8151	7/8/2010
July 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	6.5	7/10/2010
July 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	5.9	7/25/2010
August 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	6.1	8/14/2010
August 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	4.9	8/21/2010
September 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	5.6	9/16/2010
September 2010	001	00300	Dissolved Oxygen	1D Conc	7.0	6.6	9/28/2010
October 2010	001	00530	Total Suspended Solids	30D Conc	16	18.5	10/1/2010
October 2010	001	00530	Total Suspended Solids	7D Conc	24	48.	10/15/2010
October 2010	001	00530	Total Suspended Solids	7D Qty	682	748.264	10/15/2010
October 2010	001	00530	Total Suspended Solids	7D Conc	24	26.	10/22/2010
November 2010	001	00530	Total Suspended Solids	30D Conc	16	64.15	11/1/2010
November 2010	001	00530	Total Suspended Solids	30D Qty	455	2429.17	11/1/2010
November 2010	001	80082	CBOD 5 day	30D Conc	10	15.3571	11/1/2010
November 2010	001	80082	CBOD 5 day	30D Qty	284	450.606	11/1/2010
November 2010	001	00530	Total Suspended Solids	7D Conc	24	49.3333	11/8/2010
November 2010	001	80082	CBOD 5 day	7D Conc	15	16.3333	11/8/2010
November 2010	001	00530	Total Suspended Solids	7D Conc	24	120.166	11/22/2010
November 2010	001	00530	Total Suspended Solids	7D Qty	682	5424.82	11/22/2010
November 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	3.2	11/25/2010
November 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	11/30/2010
December 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	12/1/2010
February 2011	001	00530	Total Suspended Solids	30D Conc	16	16.6428	2/1/2011
February 2011	001	00530	Total Suspended Solids	7D Conc	24	25.	2/15/2011
February 2011	001	00530	Total Suspended Solids	7D Qty	682	843.466	2/15/2011
March 2011	001	00530	Total Suspended Solids	30D Qty	455	645.131	3/1/2011
March 2011	001	00530	Total Suspended Solids	7D Qty	682	1723.68	3/1/2011
March 2011	001	80082	CBOD 5 day	30D Qty	284	372.895	3/1/2011
March 2011	001	80082	CBOD 5 day	7D Qty	426	980.359	3/1/2011
March 2011	001	50092	Mercury, Total (Low Le	30D Qty	0.0003	.00043	3/1/2011
March 2011	001	00530	Total Suspended Solids	7D Qty	682	698.005	3/8/2011
April 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	4/4/2011
April 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	4/16/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.46	1.91929	5/1/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.19	6.07667	5/1/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	41	65.6037	5/1/2011
May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	62	195.335	5/1/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.2	5/3/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.7	5/11/2011

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Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	5.3	5/12/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.1	5/13/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	2.7	5/14/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.6	5/15/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	5.9	5/19/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.4	5/24/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	5.1	5/25/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/25/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	5.1	5/26/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/26/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.4	5/27/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/27/2011
May 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.9	5/28/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/28/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/29/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.3	5/30/2011
May 2011	001	61942	pH, Minimum	1D Conc	6.5	6.2	5/31/2011
June 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.3	6/7/2011
June 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	5.	6/21/2011
June 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	6.8	6/22/2011
July 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	4.7	7/23/2011
July 2011	001	00300	Dissolved Oxygen	1D Conc	7.0	4.9	7/24/2011

Overall, the results of the inspection were satisfactory. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Respectfully,



Todd Surrena  
Engineering Geologist  
Division of Surface Water

TMS/mt

pc: Mr. Jim Borton, Utilities Manager  
Mr. Lee Troyer, Pretreatment Coordinator  
Wayne County Health Dept.

ec: Larry Reeder, Ohio EPA, Central Office, DSW Enforcement  
Bill Fischbein, Ohio EPA, CO, Legal