



**Environmental
Protection Agency**

Gov. Ted Strickland, Governor
 Rep. Rob Portman, Lt. Governor
 Chris Burleski, Director

August 17, 2010

RE: WAYNE COUNTY
 HILLCREST WWTP
 NPDES #3PH00047

Wayne County Commissioners
 428 West Liberty Street
 Wooster, Ohio 44691

Dear Commissioners:

A compliance evaluation inspection of the Hillcrest Waste Water Treatment Plant was conducted by this writer on August 12, 2010. Present during the inspection was Terry West, Superintendent, Wayne County Environmental Services.

The existing sewage treatment system is a 200,000 gpd extended aeration plant. The plant consists of a bar screen, extended aeration tank, clarifier, sand filters, and chlorination/dechlorination system. The system discharges to Little Apple Creek. The inspection showed that the system was producing what appeared to be a satisfactory effluent.

The treatment plant is in deteriorating condition. The maintenance problems are increasing due to the age of the equipment. The sand filters were not being used because of their poor condition. The sand filters must be repaired or replaced. Bypassing around any portion of your treatment system violates the conditions of your NPDES permit, specifically Part III, item 11. It is our understanding the county is reviewing their options to upgrade or replace the plant. Please respond in writing to this office the county's plan to repair or upgrade the plant.

A review of your self-monitoring reports covering the period July 2007 through June 2010 revealed the following effluent violations.

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2008	001	31616	Fecal Coliform	7D Conc	2000	5200	10/8/2008
October 2008	001	80082	CBOD 5 day	30D Conc	10	10.1	10/1/2008
October 2008	001	80082	CBOD 5 day	7D Conc	15	30.1	10/8/2008
September 2007	001	80082	CBOD 5 day	7D Conc	15	15.3	9/22/2007
September 2007	001	80082	CBOD 5 day	7D Qty	11.4	12.2539	9/15/2007
May 2008	001	31616	Fecal Coliform	7D Conc	2000	3500	5/8/2008
May 2008	001	00400	pH	1D Conc	6.5	4.	5/28/2008
August 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	8/28/2008

Wayne County Commissioners
Hillcrest WWTP
August 17, 2010
Page 2

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	10/24/2007
October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.2	10/25/2007
October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	10/26/2007
August 2007	001	80082	CBOD 5 day	30D Conc	10	14.7777	8/1/2007
August 2007	001	80082	CBOD 5 day	7D Conc	15	40.2	8/8/2007
August 2007	001	80082	CBOD 5 day	7D Qty	11.4	12.7909	8/8/2007
February 2008	001	80082	CBOD 5 day	7D Conc	15	26.8	2/1/2008
February 2008	001	80082	CBOD 5 day	7D Qty	11.4	21.1354	2/1/2008
July 2009	001	80082	CBOD 5 day	7D Conc	15	20.1	7/8/2009
September 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	9/7/2009
October 2009	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	10/23/2009

Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Sincerely,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

cc: Terry West, Superintendent, Wayne County Environmental Services

File: Public/Permit Compliance