



State of Ohio Environmental Protection Agency

Northeast District Office

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

April 13, 2009

RE: WAYNE COUNTY
WAYNE ATTENTION CENTER
WWTP
NPDES 3PG00056

Mr. Terry West
Wayne County Administrative Building
428 W. Liberty Street
Wooster, OH 44691

Dear Mr. West:

On April 9, 2009, this writer met with you to conduct an inspection of the sewage treatment plant serving the above mentioned facility. Below are the findings and recommendations from the inspection:

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. Overall, the plant appeared to be in good operation and maintenance condition. The package plant consists of a trash trap, extended aeration package plant, aerated sludge holding tank, surface sand filters, chlorination and dechlorination.

- 1) The grease trap was slightly full at the time of the inspection. It is our understanding the grease trap is pumped out every 3 to 4 months.
- 2) The mixed liquor in the aeration tank was light brown in color and did not contain an excessive amount of foam. The aeration tanks were provided with adequate air circulation. It was noticed that some portions of the aeration tanks had more movement than other areas. This would indicate a clog in an air diffuser/distribution line. The last inspection of the air diffusers was not readily available onsite during the inspection.
- 3) The clarifier portion of the extended aeration plant had some floatable solids on the surface of the liquid. The skimmer was in good working condition. The influent baffles were full of solids and scheduled to be cleaned next week. The weirs appeared to be in satisfactory condition with some mild solids buildup on the weir itself. Some solids were noticed flowing over the weirs. The clarifier effluent was clear. The clarifiers were in good condition but need a routine cleaning.
- 4) Sludge from the wastewater treatment plant is wasted to the aerated sludge holding tank. The sludge holding tank appeared to be in good condition with good air circulation and adequate rollover within the tank. The sludge from the wastewater treatment plant is hauled to the Canton Wastewater Treatment Plant.

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- 5) The dosing pump station appeared to be in good working condition. The hour clocks present on the dosing pumps to the surface sand filters were in good condition. The surface sand filters appeared to be in good condition with the media in good clean condition. The distribution pipe to the west filter appeared to be leaking at the base of the distribution pipe. It is understood the leak would be repaired as soon as possible.
- 6) The chlorinator and dechlorinator were not in operation due to it being the off season for disinfection. The system appeared to be in good working condition. The effluent from the chlorine contact tank was clear. Please be aware, the chemicals stored on the premises will need to be provided with spill containment.
- 7) The outfall was located to the west of the wastewater plant, north of Nonpariel Road. The outfall was producing what appeared to be a satisfactory effluent.
- 8) A summary of wastewater treatment plant discharge and frequency violations for the period of January 1, 2006 through April 1, 2008 has been attached to this letter.

Overall, the results of the inspection were satisfactory. 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/mt

File: Public/Permit Compliance/Wayne County Attention Center

Limit Violations

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.86	6/15/2006
June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	1.05	6/19/2008
June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.56	6/21/2007
August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	1.1	8/16/2007
August 2007	001	00400	pH	1D Conc	6.5	6.4	8/16/2007

Frequency Violations

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
March 2006	001	Odor, Severity	1/Week	1	0	03/22/2006
March 2006	001	Turbidity, Severity	1/Week	1	0	03/22/2006
May 2006	001	Water Temperature	1/Week	1	0	05/22/2006
May 2006	001	Color, Severity	1/Week	1	0	05/22/2006
May 2006	001	Odor, Severity	1/Week	1	0	05/22/2006
May 2006	001	Turbidity, Severity	1/Week	1	0	05/22/2006
April 2007	001	Flow Rate	1/Day	1	0	04/27/2007
April 2007	001	Flow Rate	1/Day	1	0	04/28/2007
April 2007	001	Flow Rate	1/Day	1	0	04/29/2007
April 2007	001	Flow Rate	1/Day	1	0	04/30/2007
May 2007	001	Water Temperature	1/Week	1	0	05/08/2007
May 2007	001	Color, Severity	1/Week	1	0	05/08/2007
May 2007	001	Odor, Severity	1/Week	1	0	05/08/2007
May 2007	001	Turbidity, Severity	1/Week	1	0	05/08/2007
May 2007	001	Water Temperature	1/Week	1	0	05/22/2007
May 2007	001	Color, Severity	1/Week	1	0	05/22/2007
May 2007	001	Odor, Severity	1/Week	1	0	05/22/2007
May 2007	001	Turbidity, Severity	1/Week	1	0	05/22/2007
September 2008	001	Water Temperature	1/Week	1	0	09/22/2008
September 2008	001	Color, Severity	1/Week	1	0	09/22/2008
September 2008	001	Odor, Severity	1/Week	1	0	09/22/2008
September 2008	001	Turbidity, Severity	1/Week	1	0	09/22/2008