



State of Ohio Environmental Protection Agency

Northeast District Office

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

February 24, 2010

RE: MASSILLON WWTP
3PE00007*KD
STARK COUNTY

NOTICE OF VIOLATION

Mr. Keith Bledsoe
Plant Manager
Massillon Wastewater Treatment
100 Big Indian Drive SW
Massillon, OH 44646

Dear Mr. Bledsoe:

This office received a Preliminary Compliance Report for January 2010 that showed two oil and grease violations. This office also reviewed the Discharge Monitoring Report (DMR) data from January 1, 2009 to February 1, 2010. The following NPDES permit limit violations were noted:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2009	Total Suspended Solids	7D CONC	18	19.2	2/8/2009
February 2009	Total Suspended Solids	7D QTY	1076	1300.03	2/8/2009
July 2009	Oil and Grease, Hexane	1D Conc	10	13.	7/1/2009
January 2010	Oil and Grease, Hexane	1D Conc	10	17.	1/7/2010
January 2010	Oil and Grease, Hexane	1D Conc	10	28.	1/20/2010

The Plant Manager provided reports documenting the violations and the probable causes for the February 2009 violations and the July 2009 violations, and the WWTP returned to compliance; no further action is necessary. In a telephone conversation on February 19, 2010, Dawn Casten stated that WWTP personnel were investigating the potential causes of the January 2010 oil and grease violations. She noted that the high river pumps were running at both times, and that tanks were being cleaned at the WWTP, but that the cause had not been determined. She stated that when the investigation is complete, you will send a letter documenting the results. She also stated that the contract laboratory has been instructed to run non-polar material (SGT-HEM) whenever the total oil and grease concentration is greater than 8 mg/l.

The data review also showed the following code violations:

Reporting Period	Parameter	Station	Reported Value	Violation Date
May 2009	Fecal Coliform in Sludge	581	AF	5/2/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/3/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/7/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/9/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/10/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/16/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/17/2009
May 2009	Fecal Coliform in Sludge	581	AF	5/21/2009
January 2010	Water Temperature	001	AF	1/24/2010
January 2010	Total Suspended Solids	001	AF	1/24/2010

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Reporting Period	Parameter	Station	Reported Value	Violation Date
January 2010	Nitrogen, Ammonia (NH3)	001	AF	1/24/2010
January 2010	CBOD 5 day	001	AF	1/24/2010
January 2010	Dissolved Oxygen	001	AF	1/24/2010
January 2010	pH, Maximum	001	AF	1/24/2010
January 2010	pH, Minimum	001	AF	1/24/2010
January 2010	Water Temperature	001	AF	1/25/2010
January 2010	Total Suspended Solids	001	AF	1/25/2010
January 2010	Nitrogen, Ammonia (NH3)	001	AF	1/25/2010
January 2010	CBOD 5 day	001	AF	1/25/2010
January 2010	Phosphorus, Total (P)	001	AF	1/25/2010
January 2010	Dissolved Oxygen	001	AF	1/25/2010
January 2010	pH, Maximum	001	AF	1/25/2010
January 2010	pH, Minimum	001	AF	1/25/2010

Ms. Casten indicated that the May 2009 "AF"s were probably the result of scanning "AH" codes as "AF", and our file contains a paper copy of the May 2009 report documenting that fact. She indicated that Massillon has started using eDMR around August. This conversation took place before the January 2010 "AF" codes were discovered. Because these occurred at outfall 001, we are assuming that the use of the "AF" code is valid. If this code was used in error, please contact us.

As noted above, please provide a report on the oil and grease violations after your investigation is complete. Please note that violations of the NPDES permit are subject to enforcement pursuant to the Ohio Revised Code Chapter 6111.

On December 11, 2009, this office sent a letter to Mayor and Council directing them to develop pounds CBOD₅ per day limits for all high strength dischargers, and to provide a schedule for that action within 30 days of the receipt of the letter. To date, no response has been received. Please provide that schedule as soon as possible.

If you have any questions or comments, please contact me at (330) 963-1285. I can also be reached via e-mail at donna.kniss@epa.state.oh.us.

Sincerely,



Donna J. Kniss
Environmental Engineer
Division of Surface Water

DJK/mt

cc: Mayor Francis Cicchinelli, Jr.

File: Municipal/Permit-Compliance