Fields of Opportunities

STATE OF IOWA

CHESTER J. CULVER, GOVERNOR
PATTY JUDGE, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
RICHARD A. LEOPOLD, DIRECTOR

March 22, 2010

City Clerk
City Hall
611 S. 3rd St.
Clinton, IA 52732

ATTENTION: Honorable Mayor and Council

NOTICE OF VIOLATION: Wastewater Permit Limits, 567 IAC 64.3(1)

Facility No. 6-23-26-0-01

City Officials:

I have completed a review of the wastewater monitoring data submitted on the monthly operating reports for the second half of 2009. Effluent violations for CBOD, TSS and ammonia-nitrogen (NH_3) occurred throughout this period. Violations and corresponding limits are shown in the attached table.

For your reference, I have also attached the violation summary for 2008. Review of the 2008 data shows that most of the effluent violations in 2008 were for ammonia-nitrogen, and only a few CBOD/TSS violations. The ammonia-nitrogen violations continue on through 2009, however, you will notice that the CBOD and TSS violations have become much more prevalent this past year.

Every effort must be made to bring this facility into compliance with DNR rules and the specifications of your NPDES Operation Permit.

If you have questions, feel free to contact me at this office.

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU

Paul Brandt

Paul Brandt
Environmental Specialist Senior

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enc: table

xc: Records Section, DNR, Des Moines
David R. Sheridan, Assistant Attorney General, Lucas State Office Bldg. 321 E. 12th. St., Rm 018, Des Moines, IA 50319
Gary Schellhorn, Public Works Director, City Hall, 611 S. 3rd St, Clinton, IA 52732
File - Clinton Municipal

Effluent Limits Violation

01/01/2009 Through 12/31/2009

Facility: CLINTON CITY OF STP **Facility ID**: 2326001 **EPA ID**: IA0035947

Location City: CLINTON

Outfall: 001	**01/2009**	**02/2009**	**03/2009**	**04/2009**	**05/2009**	**06/2009**	**07/2009**	**08/2009**	**09/2009**	**10/2009**	**11/2009**	**12/2009**	**Total**
CBOD5													
7DAY - C							41.0000					63.7000	**2**
(Permit Limit)							(40.0000)					(40.0000)	
AVERAGE - C	33.0000						28.0000					26.0000	**3**
(Permit Limit)	(25.0000)						(25.0000)					(25.0000)	
CU													
MAXIMUM - C		0.0940											**1**
(Permit Limit)		(0.0840)											
NH3-N													
AVERAGE - C				7.7000	7.4000	15.8000	14.3000	7.6000	7.2000	10.0000	8.9000	10.4000	**9**
(Permit Limit)				(4.6000)	(4.6000)	(4.6000)	(4.7000)	(3.7000)	(5.9000)	(5.9000)	(4.6000)	(5.9000)	
AVERAGE - M				491.0000	418.0000	785.0000	789.0000	435.0000		525.0000	458.0000		**7**
(Permit Limit)				(297.0000)	(297.0000)	(297.0000)	(299.0000)	(238.0000)		(375.0000)	(297.0000)		
MAXIMUM - C						47.6000	25.4000			21.3000	34.5000	27.5000	**5**
(Permit Limit)						(17.5000)	(21.0000)			(19.4000)	(17.8000)	(19.6000)	
MAXIMUM - M						2,303.0000	2,293.0000				1,669.0000		**3**
(Permit Limit)						(1,384.0000)	(1,673.0000)				(1,406.0000)		
TSS													
7DAY - C	89.0000	63.0000				78.0000	84.0000	86.4000	72.0000	59.6000		47.5000	**8**
(Permit Limit)	(45.0000)	(45.0000)				(45.0000)	(45.0000)	(45.0000)	(45.0000)	(45.0000)		(45.0000)	
7DAY - M		4,836.0000				4,244.0000	4,673.0000	26,261.0000	9,721.0000	6,996.0000			**6**
(Permit Limit)		(3,753.0000)				(3,753.0000)	(3,753.0000)	(3,753.0000)	(3,753.0000)	(3,753.0000)			
AVERAGE - C	74.0000	51.0000				42.0000	62.0000	47.0000				39.0000	**6**
(Permit Limit)	(30.0000)	(30.0000)				(30.0000)	(30.0000)	(30.0000)				(30.0000)	
AVERAGE - M	2,739.0000	3,373.0000					3,600.0000	3,427.0000		2,503.0000			**5**
(Permit Limit)	(2,502.0000)	(2,502.0000)					(2,502.0000)	(2,502.0000)		(2,502.0000)			

Effluent Limits Violation

01/01/2009 Through 12/31/2009

Total For Facility	**4**	**5**		**2**	**2**	**7**	**10**	**6**	**3**	**6**	**4**	**6**	**55**

Permit Limits are surounded by ()

Effluent Limits Violation

01/01/2008 Through 12/31/2008

Facility: CLINTON CITY OF STP **Facility ID**: 2326001 **EPA ID**: IA0035947

Location City: CLINTON

Outfall: 001	01/2008	02/2008	03/2008	04/2008	05/2008	06/2008	07/2008	08/2008	09/2008	10/2008	11/2008	12/2008	Total
CBOD5													
7DAY - C	52.0000											65.0000	2
(Permit Limit)	(40.0000)											(40.0000)	
AVERAGE - C												34.0000	1
(Permit Limit)												(25.0000)	
NH3-N													
AVERAGE - C			10.6000	8.4000	7.7000	8.1000	9.4000	9.5000	6.4000	11.9000	9.4000	9.5000	10
(Permit Limit)			(7.2000)	(4.6000)	(4.6000)	(4.6000)	(4.7000)	(3.7000)	(5.9000)	(5.9000)	(4.6000)	(5.9000)	
AVERAGE - M			560.0000	579.0000	553.0000	656.0000	508.0000	330.0000		529.0000	340.0000	389.0000	9
(Permit Limit)			(459.0000)	(297.0000)	(297.0000)	(297.0000)	(299.0000)	(238.0000)		(375.0000)	(297.0000)	(375.0000)	
MAXIMUM - C			19.2000			37.4000				38.0000		22.8000	4
(Permit Limit)			(18.9000)			(17.5000)				(19.4000)		(19.6000)	
MAXIMUM - M						2,714.0000				1,616.0000			2
(Permit Limit)						(1,384.0000)				(1,524.0000)			
TSS													
7DAY - C	60.0000											154.0000	2
(Permit Limit)	(45.0000)											(45.0000)	
7DAY - M					3,964.0000							5,338.0000	2
(Permit Limit)					(3,753.0000)							(3,753.0000)	
AVERAGE - C												56.0000	1
(Permit Limit)												(30.0000)	
Total For Facility	**2**		**3**	**2**	**3**	**4**	**2**	**2**	**1**	**4**	**2**	**8**	**33**

Permit Limits are surounded by ()