-Q5 STATE OF

DEPARTMENT OF NATURAL RESOURCES

PAUL W. JOHNSON, DIRECTOR

THOMAS J. VILSACK, GOVERNOR SALLY J. PEDERSON, LT. GOVERNOR

May 9, 2000

Honorable Mayor City of Fort Madison 811 Avenue E Fort Madison, Iowa 52627

Subject:

City of Fort Madison Wastewater Facility (20th Street) Improvements-Mechanical Bar Screen

Dear Mayor:

The Iowa Department of Natural Resources (IDNR) has received and reviewed the variance request for the Wastewater Treatment Facility improvements for the City of Fort Madison submitted by the city's consulting engineer. The requested variance from the Iowa Design Standards 15.2.4.2.1 limits the minimum clear opening for mechanical screens to 5/8 of an inch. The City is proposing a mechanical bar screen with a clear opening of 0.5 inch.

Your request for a variance from the design standard 15.2.4.2.1 has been approved. The proposal by the City of Fort Dodge is substantially equivalent to the department's design standard based on the successful experience of the other facilities in the state.

If you have any questions or comments, please contact Suresh Kumar of the IDNR at (515) 281-4527.

Sincerely,

Jack Riessen, Chief Water Quality Bureau

c: Stanley Consultants Iowa DNR Field Office 6

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				REQUES' Natural Resour				
1.	Date:	May 9, 200				cision:	LOOM	d
2.	Review Engineer:	Suresh Kun			Dat	te: 5/10	tporoux	-4
3.	Date Received:	May 9, 200			Du	of n	100	
1.	County Number:	56			14	1		
5.	Facility Name:	Fort Madis	son		1. Star 1. Star	peal:		
5.	Program Area:	CP (Waster			Da	te:		
7.	Facility Type:	CO4						
3.	Subject Area:	329, bar ra	cks					
).	Rule Reference:	567-64.2(9)						
10.	Design Stds Ref:		bar spacing					
11.	Consulting Engr:	Stanley Cor						
12.	Variance Rule:	567-64.2(9)						
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