

ERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES LARRY J. WILSON, DIRECTOR

October 10, 1996

David Reit, Utilities Superintendent City of Emmetsburg PO Box 417 Emmetsburg, IA 50536

SUBJECT: Wastewater Pumping Design Variances Emmetsburg Hydraulic Design Improvements

Dear Mr. Reit:

The Iowa Department of Natural Resources has reviewed a variance request for the City of Emmetsburg wastewater treatment plant hydraulic capacity improvements project. Your request for a variance from Design Standard 13.4.1, *Pumping Rate and Number of Units* for sewage pumping stations, is approved. This approval is conditioned on the provision of an uninstalled pump at the wastewater plant as provided for in the submitted plans and specifications.

Should you have any questions please call Bill Graham at (515) 281-5917.

Sincerely,

Darrell McAllister, Chief Water Quality Bureau

cc: DGR Engineering, 315 First Ave., Rock Rapids, IA 51246 Field Office 3

	VARIANCE	REQUEST	
Iowa Department of Natural Resources			
 Review Engineer: Date Received: Facility Name: County Number: Program Area: Facility Type : Subject Area : Rule Reference: Design Stds Ref: 	August 30, 1996 Emmetsburg WWTF 74, Palo Alto CP (wastewater) C04 315, no. of pumps 567-64.2(9)a	13. Decision: Date: 14. Appeal: Date:	ICA196
	-		n standards require that
2HWW pumping cap an uninstalled pump 6. <u>Consulting Engin</u> The existing pump st The proposed constr with three 6 foot scree combinations must b	pacity be provided with the larges at the site in lieu of design standa	t pump out of service. That requirements. The fine screens, there are a lacement of the three exists PHWW flows, all three pacity at PHWW flow would the three the existing pump pump pump pump pump pump pump pum	he city has proposed having 3 fine screens and 3 pumps. ting 4 foot static screens pump and screen d require major nps are of the submersible

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Date: 10-8-96 Date: 10/2/96 Date: 10/5/56