	1 9-11-06	13.5.2.2
VARIANCE REQUEST Iowa Department of Natural Resources		
 Date: Review Engineer: Date Received: Facility Name: County Number: Program Area: Facility Type : Subject Area : Rule Reference: Design Stds Ref: Consulting Engr: Variance Rule: 	May 23, 2006 Larry Bryant May 5, 2006 City of Gravity WWTF 87 (Taylor) CP (Wastewater Construction) C02 (Pumping) 314 (Check Valve Location) 567-64.2(9)a 13.5.2.2; 13.10.4 S.I.R.W.A. 567-64.2(9)c	13. Decision: approved Date: 5/13/06 14. Appeal: Date:
requires that check vertical position. L 16. <u>Consulting Engine</u> "This check valve	apper-type check valves mounted in valves be placed in the horizontal p A 13.10.4 requires that check valve ver's Justifications is the manufacturers standard design	n the vertical position located in the wet well. IA 13.5.2.2 position, except for ball checks, which may be mounted in the es be located in a separate valve chamber. gn and has been used in thousands of installations throughout the standards to allow the installation of the manufacturers preferred
 17. <u>Department's Justi</u> Recommend vari The application is valves are standard edition of 10-State removed with the 18. <u>Precedents Used</u> City of DeSoto - City of Parkersburger 	ance approval: a small lift station serving 35 peop d with the pumps and can be remov 's Standards allows for check valv	ble with package-type duplex grinder pump station. The check yed with the pumps without entry to the wet well. The 2004 e mounting in the wet well provided that the valve can be ring of this lift station will be provided by S.I.R.W.A. City of LeMars - Approved 12/9/03 City of Marshalltown - Approved 10/18/89
19. Staff Reviewer:20. Authorized by:	Som Jour	Date: $5/23/06$ Date: $5/23/06$

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