

# VARIANCE REQUEST

Iowa Department of Natural Resources

✓ 9-8-06

1. Date : July 3, 1996 13. Decision: Approved  
2. Review Engineer : Terry Kirschman Date: 7/10/96  
3. Date Received : June 12, 1996  
4. Facility Name : Clear Lake S.B. 14. Appeal:  
5. County Number : 17 Date:  
6. Program Area : CP  
7. Facility Type : COS  
8. Subject Area : 383 Wet well Fillets  
9. Rule Reference : 64.2(9)g  
10. Design Std. Ref. : 13.6.2  
11. Consulting Engr. : Rust Environment.  
12. Variance Rule : 567-64.2(9)c

## 15. Description of Variance Request

Slopes less than 1/1 are used in a new lift station with submersible pumps for the wet well floor.

## 16. Consulting Engineer's Justification

Design follows Flygt's design criteria. Rust has used in other projects.

Separation well is included in wet well for maintenance.



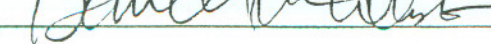


16. Consulting Engineer's Justification (cont.)

17. Department's Justification

The design is a standardized mtrs design that has proven to have no problems, therefore equivalent effectiveness.

18. Precedents Used

19. Staff Reviewer	:		Date:	July 3, 1996
20. Supervisor	:		Date:	7/3/96
21. Authorized by	:		Date:	7/10/96