

19806

VARIANCE REQUEST

15.2.4.2.1

Iowa Department of Natural Resources

- 1. Date : July 3, 1996
- 2. Review Engineer : Terry Kirschman
- 3. Date Received : June 12, 1996
- 4. Facility Name : Clear Lake S.D.
- 5. County Number : 17
- 6. Program Area : CP
- 7. Facility Type : COS
- 8. Subject Area : 328
- 9. Rule Reference : 64.2(9) a
- 10. Design Std. Ref. : 15.2.4.2.1
- 11. Consulting Engr. : Rest Environment
- 12. Variance Rule : 567-64.2(9) c
- 13. Decision: Approved
- Date: 7/10/96
- 14. Appeal: _____
- Date: _____

15. Description of Variance Request

Use $\frac{1}{4}$ inch spacing for mechanical bar screens.

16. Consulting Engineer's Justification

Vast majority of Lakeside Rotamat screens installed in the U.S. use $\frac{1}{2}$ inch spacing.

Over-flow protection provided.

16. Consulting Engineer's Justification (cont.)

Manual bar screen provided as backup.

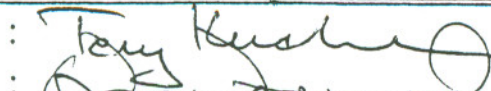
17. Department's Justification

This is a cylindrical drum type of screen that is continuously rotating. It should work fine in the application. 10 states doesn't require a minimum sizing for mechanically cleaned screens.

18. Precedents Used

Stony City.

19. Staff Reviewer

: 

Date: July 3, 1996

20. Supervisor

: 

Date: 7/3/96

21. Authorized by

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Date: 7/10/96