

✓ 9-13-06

13.4.3

VARIANCE REQUEST

Iowa Department of Natural Resources

1. Date : 3-2-93 13. Decision: Approved (with facility)
2. Review Engineer : Terry Kirschenman Date: 3-10-93
3. Date Received : 2/15/93
4. Facility Name : Johnston WWTP 14. Appeal:
5. County Number : 77 Date:
6. Program Area : CP
7. Facility Type : CO2
8. Subject Area : 344
9. Rule Reference : 567-64.2 (9) a
10. Design Std. Ref. : 13.4.3
11. Consulting Engr. : Ueenstra and Kimm, Inc.
12. Variance Rule : 567-64.2 (9) c

15. Description of Variance Request

Provide a water supply pump rather than
non-clog wastewater pump for irrigation
system that receives lagoon effluent.

16. Consulting Engineer's Justification

Stored water in lagoon will be a
high quality water.

16. Consulting Engineer's Justification (cont.)

17. Department's Justification

A water pump application with adequate screening would protect the irrigation system. This is not a raw wastewater situation; however, there will still be some solids which could cause problems if a good screening approach is not used.

A conditional approval is recommended. Adequate screening must be provided.

9. Precedents Used

Reviewer

visor

ized by

: Tony Kirkham
: [Signature]
: [Signature]

Date: 3/2/93

Date: 3/2/93

Date: 3/10/93