

VARIANCE REQUEST

Iowa Department of Natural Resources

1. Date: 18 Jan 96
2. Review Engineer: Fred Benson
3. Date Received: 16 Jan 96
4. Facility Name: Ottumwa STP
5. County Number: 90
6. Program Area: CP (Wastewater)
7. Facility Type: C09
8. Subject Area: 334
9. Rule Reference: 900-64.2(9)a
10. Design Stds Ref: 17.3.1.1.c(2)
11. Consulting Engr: McClure Engineering
12. Variance Rule: 900-64.2(9)a
13. Decision: *Approved*
Date: *1/22/96*
14. Appeal:
Date:

15. Description of Variance Request:

Design Standard 17.3.1.1.c.(2) requires that a separate sidewall manhole be provided in anaerobic digesters. The city is proposing one 40 inch and two 30 inch manholes in each of the two new digester covers.

16. Consulting Engineer's Justifications

The consultant request this variance because these are existing anaerobic digesters which have been effectively operated for many years without a side wall manhole and the new covers will have larger manhole openings than in the previous covers.

17. Department's Justifications

Approval recommended because of operational history does not indicate a problem with removal through the existing cover manholes and the larger cover manhole openings in the new covers would permit easier access for the grit removal.

18. Precedents Used

Ankeny 29 Jan 91 Approved
Grinnell 6 Sep 94 Approved

19. Staff Reviewer: Fred Benson Date: 18 Jan 96
20. Supervisor: *[Signature]* Date: *1/18/96*
21. Authorized by: *[Signature]* Date: *1/22/96*