

VARIANCE REQUEST
Iowa Department of Natural Resources

1. Date: June 23, 2003

2. Review Engineer: Boris Eliosov

3. Date Received: June 20, 2003

4. Facility Name: Coralville

5. County Number: 52

6. Program Area: CP (Wastewater Construction)

7. Facility Type : C05 (Biological Treatment)

8. Subject Area : 314

9. Rule Reference: 567-64.2(9)a

10. Design Stds Ref: 13.10.4

11. Consulting Engr: MMS Consultants

12. Variance Rule: 567-64.2(9)c

13. Decision: ~~Approved~~ Denied
Date: 6/25/03

14. Appeal:
Date:

15. Description of Variance Request:

Verne Folkman has submitted a project that includes construction of a lift station with two submersible pumps. Design Standard 13.10.4 requires valves to be located in a separate valve chamber. MMS Consultants, Inc. requests a design variance to allow gate valves to be buried outside of the valve chamber.

16. Consulting Engineer's Justifications

The proposed gate valves location minimizes the size of the valve vault and consequently, the size of the lift station. The intention is to minimize the long term visual impact for the private homeowner.

17. Department's Justifications

Recommend variance denial:

The proposed design does not provide an equivalent or improved efficiency required by 567 IAC 64.2(9). Longer time and more expenses would be required to service or replace gate valves. Design standard requirements can be met without significant effect on visual impact.

18. Precedents Used

Mt. Vernon – Denied 5/24/1989, Lamoni – Denied 10/20/1997, Kinross – Denied 6/8/2001

19. Staff Reviewer:

B. Eliosov

Date: 6/23/03

20. Supervisor:

Don J. [Signature]

Date: 6/25/03

21. Authorized by:

J. Riessen - Denied

Date: 6/25/03



STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
JEFFREY R. VONK, DIRECTOR

June 23, 2003

Verne Folkmann
1701 Brown Deer Road
Coralville, IA 52241

RE: Brown Deer Estates

Dear Mr. Folkmann:

The Iowa Department of Natural Resources received your engineer's variance request from Design Standard 13.10.4. This design standard requires valves to be located in a separate valve chamber. According to the proposed design, gate valves are buried.

Your engineer's letter indicates that the design variance was requested to minimize the long term visual impact for the private homeowner.

According to 567 IAC 64.2(9)c, variance from Iowa Design Standards shall provide for substantially equivalent or improved effectiveness and can be approved when there are unique circumstances not found in most project. In the judgement of this Department, the proposed design does not meet these requirements because longer time would be required to service or replace buried gate valves. Therefore, the requested design variance has been denied.

Pursuant to Section 567.64.2, Code of Iowa, you have the right to appeal this decision to the Environmental Protection Commission.

If you have any questions, please contact Boris Eliosov at 515/281-7953. My telephone number is 515/281-5029.

Sincerely,

A handwritten signature in black ink, appearing to read "Jack Riessen", followed by a horizontal line.

Jack Riessen, Chief
Water Quality Bureau

c.: MMS Consultants, Inc.
Field Office # 6