

VARIANCE REQUEST

Iowa Department of Natural Resources

1. Date: April 21, 2008
2. Review Engineer: Billy Chen
3. Date Received: December 19, 2007
4. County Number: 70
5. Facility Name: Riverview Subdivision
6. Program Area: CP (Wastewater)
7. Facility Type: CO5
8. Subject Area: 308
9. Rule Reference: 900-64.2(9)a
10. Design Stds Ref: 14.2.3
11. Consulting Engr: Stanley
12. Variance Rule: 900-64.2(9)c

13. Decision: *approved*
Date: *4/30/08*
14. Appeal:
Date:

15. Description of Variance Request:

Rule 567 Chapter 64.2(3) requires that 1000 feet or 90% of the existing distance from treatment facility to residences, or to obtain written agreement with affected property owners. The home owner association of Riverview Subdivision is proposing to construct a below ground sand filter system within 90% of existing separation distance of six (6) residences. The Stanley Engineer has tried but is unable to obtain any written waiver from the affected property owners.

16. Consulting Engineer's Justifications

1. The site can be served by gravity sewer without the need of a lift station.
2. The proposed recirculating sand filter is a subsurface type of installation. The system is completely buried and does not generate odors.
3. The reduction of separation distances are ranged from 89% to 76% of the existing separation distances.


17. Department's Justifications

I am recommending that this variance request be denied for the reasons of:

1. This Department has mailed out letter to affected property owners on April 2, 2008. This letter informed the property owners of the variance request and asked for inputs. We have not received any input on this variance request.
2. The proposed system is a "septic tanks and below ground sand filter" system. This system has 24 inch of dirt cover over it.

3. We normally would approve a separation distance variance only when there is no reasonable alternative for a subdivision to obtain a site.

18. Precedents Used

19.	Staff Reviewer: Billy Chen	Date: April 21, 2008
20.	Supervisor:	Date:
21.	Authorized by: 	Date: 4/30/08