



IRFB
MANTLE
SETBACKS

Rod R. Blagojevich, Governor
Eric E. Whitaker, M.D., M.P.H., Director

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.idph.state.il.us

December 20, 2005

Steve Curatti
Kendall County Health Department
811 W. John Street
Yorkville, IL 60560

Dear Mr. Curatti:

This letter is to reiterate our phone conversation last week regarding the location of a field/curtain drain and the mantle of an Illinois Raised Filter Beds (IRFB), private sewage disposal system. As discussed the location of a drainage tile or curtain drain must be a minimum of ten feet from the mantle of the IRFB. This regulation is established in Section 905. Appendix A, Illustration D Location of Components of Private Sewage Disposal Systems. The IRFB is a subsurface seepage system, so as indicated in the above referenced section the distance from the artificial drain to the subsurface seepage system must be a minimum of ten feet. The intent of this minimum separation distance is to allow the effluent to pass thru the soil in an effort to naturally reduce or eliminate potentially hazardous organisms commonly associated with private sewage disposal system effluent, prior to draining into the artificial drain. Artificial drains that are located closer than ten feet would be considered a violation to the Illinois Private Sewage Disposal Code 2003 and your county ordinance and may produce a potential public health threat because of the level of untreated potential hazardous organisms that may be present in the drainage from the IRFB.

If you have additional questions, please contact me at the Division of Environmental Health at 217-524-4137, TTY (hearing impaired use only) 800-547-0466 or cmoorman@idph.state.il.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Moorman", with a long horizontal flourish extending to the right.

Chad Moorman, LEHP
Program Manager
Private Sewage Disposal Program