



April 13, 2018

Mr. Kurt Bihler
411 S Reedwood Dr.
Joliet, IL 60436

Dear Mr. Kurt Bihler:

The Department has reviewed your request for the use of the proposed Ksat values to be used in the calculation of the subsurface dispersal component following the NSF Standard 350 certified system utilizing membrane technology. The Department will approve your request to use the proposed Ksat values for the design of the subsurface dispersal area for NSF Standard 350 certified systems that utilize membrane technology, as long as they are compliant with the following design requirements:

1. When soil information is used to size the subsurface dispersal area the least permeable value for the soil design groups shall be used to calculate the required subsurface dispersal area.
2. The following values shall be used for the soil design groups:

Design Group	Estimated Ksat Inch/Hour
I	6
II	6
III	4
IV	3
V	2.6
VI	2.4
VII	2
VIII	1.7
IX	1.5
X	1.2
XI	0.85
XII	0.66

3. All other design, installation and maintenance requirements for the he NSF Standard 350 certified system utilizing membrane technology shall be compliant with the revised approval letter dated September 15, 2016.

Approval of the calculation modifications to the above system by the Illinois Department of Public Health is limited to design and is in no way intended to guarantee the proper function of the system.

If you have any questions, contact me at (217) 524-4137 or chad.moorman@illinois.gov.

Sincerely,



Chad Moorman, LEHP
Program Manager
Private Sewage Disposal Program
Division of Environmental Health

cc: Regional Offices