**Section 905.120 Disinfection**

a) As of January 1, 2014, the effluent from any new, repaired or replaced private sewage disposal system that is designed and approved to have a discharge point shall be disinfected prior to discharge.

b) Chlorine Feeders. Chlorination equipment shall have a means of removal of solids. Appendix A, Illustration S provides an example of a typical chlorine feeder. All chlorine feeders shall meet the requirements of Appendix A, Illustration S. Other feeders that meet the requirement of this Section are also acceptable.

c) Chlorine Contact Tanks. Chlorine contact tanks shall be baffled and shall provide a contact time of at least 30 minutes based on 2½ times the average flow. The minimum contact tank capacity shall be 30 gallons. Access to the distribution feeder shall extend to the ground surface.

d) Chlorine Residual. A final effluent free chlorine residual of 0.2 to 1.5 mg/1 shall be maintained.

e) Chlorine products used for the disinfection of treated wastewater effluent shall be used according to the product's labeling.

f) After January 1, 2014, any disinfection process or equipment that does not meet the requirements of NSF International/ANSI Standard 46, Section 11 or does not provide proper disinfection as determined by adequate third party testing will not be approved for installation.

g) When the private sewage disposal system incorporates a discharge to a subsurface seepage system as a method to reduce the amount of effluent at the discharge point, the disinfection device shall be the last component prior to the discharge point.

(Source: Amended at 37 Ill. Reg. 14994, effective August 28, 2013)