

15A NCAC 18E .1603 DRIP DISPERSAL SYSTEM TESTING

- (a) The drip dispersal system field testing shall include system designer requirements and the following items:
- (1) all leaks in the pipe network or from emitters exhibiting emission rates greater than 20 percent of the emitter design flow rate shall be repaired; and
 - (2) after the system is pressurized, dosing and flushing flow rates and pressures for each zone shall be measured and confirmed to be in accordance with the design parameters as follows:
 - (A) dosing pressure shall be measured at the lowest point in the supply manifold and highest point in the return manifold;
 - (B) minimum and maximum emitter pressure shall be verified to be within emitter design parameters;
 - (C) flushing pressures shall be measured at the ends of each supply and return manifold within each zone;
 - (D) dosing and flushing flow rates shall be measured with the flow meter after the system is pressurized; and
 - (E) all dosing and flushing flow rates and pressures shall be recorded.
- (b) All components shall be demonstrated to be operable and in accordance with their design during the inspection by the LHD.

*History Note: Authority G.S. 130A-343;
Eff. January 1, 2024.*