

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.*