

Name:

Email:

Phone #:

Capillary water and its influence on Common Soils in Florida Journal Quiz

Read Capillary water and its influence on Common Soils in Florida in the Summer 2018 Issue of the Florida Journal of Environmental Health and Earn .50 contact hours or .050 contact hours for those certified under 381.0101, FS.

Instructions: Read the article, print the test and mail it along with cash, check or money order for \$3 to:

Florida Environmental Health Association 2153 Siesta Dr. Sarasota, FL 34239

You will be emailed your test results within 7 days of FEHA receiving your test

TEST

- Multiple Choice Place the following soil materials in order from **least** capillary water saturation to **most**. 1) silt 2) coarse sand 3) fine sand 4) medium sand
- a) 1, 2, 3, 4
 - b) 2, 4, 3, 1
 - c) 4, 3, 2, 1
 - d) 2, 3, 4, 1
- True or False Capillary action in all liquids draws the liquid above the free-level surface
- True or False Capillary water movement in hollow glass tubes is usually simpler to describe than in capillary water movement in soil pores
- True or False The extent of the zone of capillary saturation in a soil is a function of the smallest pores in the soil
- True or False The movement and retention of water in the capillary fringe of soils is completely different than water in a hollow glass capillary tube
- True or False Surface tension is a measure of how closely molecules are attracted to each other (cohesion) versus how well they bond to a solid material (adhesion)
- True or False Matric potential is always a negative quantity and can never have a value greater than zero.
- True or False Capillary water works against the goal of unsaturated soil beneath the absorptive surface of an OSTDS
- Multiple Choice Which of the following is a term that also means Matric Potential?
- a) osmotic influence
 - b) capillary potential
 - c) soil suction
 - d) only B & C
 - e) A, B & C
- True or False Soil capillarity is a subject that has only been studied in the last few years