ACROSS

1 Very small, finely divided solids that remain dispersed in a liquid for a long time due to their small size and electrical charge.
3 A lab procedure that simulates a water treatment plant’s coagulation/flocculation units with differing chemical doses.
4 A solution or liquid whose chemical makeup neutralizes acids or bases without a great change in pH.
7 Clumps of bacteria and particulate impurities that have come together and formed a cluster.
8 An instrument for measuring and comparing the turbidity of liquids by passing light through them and determining how much light is reflected by the particles in the liquid.
9 The time required for a small amount of water to pass through a tank at a given rate of flow.

DOWN

1 Chemicals that cause very fine particles to clump together into larger particles.
2 The cloudy appearance of water caused by the presence of suspended and colloidal matter.
5 A pure chemical substance that is used to make new products or is used in chemical tests to measure, detect, or examine other substances.
6 The capacity of water to neutralize acids.