Solutions and Suspensions Lab

A solution is a mixture in which one substance is dissolved in another.
A solution is homogeneous.  It has the same properties throughout.
Examples are:  Windex, perfume, coffee, orange juice

A suspension is another type of mixture in which solid particles are suspended in a liquid.
A suspension is heterogeneous.  It is not the same throughout and the solid particles may settle to the
        bottom.
Examples are:  Italian salad dressing, orange juice with pulp, cereal in milk

Saltwater mixture was the filtrate.
Salt was the solute.
The water was the solvent.
The saltwater mixture was a solution.
​The sand/water mixture was a suspension.

The salt was able to pass through the filter paper because it dissolved in the water.  When the water evaporated, the salt was left behind.

The water evaporated into the air as water vapor.