

Water Treatment

- 1) Aeration – Water is sprayed into the air to release any trapped gases and to absorb oxygen for better taste.
- 2) Flocculation – Alum is rapidly mixed into the water, causing particles in the water to coagulate, or clump together into larger particles known as floc.
- 3) Sedimentation – The water flows slowly through a basin or tank where the floc settles to the bottom.
- 4) Filtration – The clear water is filtered through coal, sand and gravel to remove small light particles.
- 5) Disinfection – Small amounts of chlorine or other chemicals are added to kill remaining germs to keep the water pure as it travels through pipelines.

