

How Recycled Water is Produced

Preliminary and Primary Treatment – removes up to 85% of organic and inorganic solids that settle out or float to the top.

Secondary Treatment – removes organics and suspended solids using beneficial microorganisms that feed on them.

Tertiary Treatment –

removes remaining solids with filtration through cloth or granular media; then applies chlorine to disinfect, killing bacteria, viruses, and other microorganisms.

Advanced Treatment:

Microfiltration – removes organics and microorganisms.

Reverse Osmosis – removes additional salts and other very small molecules.

Ultraviolet and Hydrogen Peroxide

Disinfection – destroys complex organic constituents that could not be completely removed by other treatment technologies.

