

Where It All Goes: Wastewater Treatment

1

Wastewater from Homes

Wastewater is transported via pipelines to the treatment plant.

2

Screening

Screens and other mechanisms remove larger materials like paper, rocks, and sand.

3

Primary Clarification

Oil and grease float to the top and are skimmed off while heavier material sinks to the bottom of the settling tanks and is then removed.

4

Biological Treatment and Final Clarification

Microscopic organisms break down organic material in the wastewater, after which the mostly clear liquid flows through final clarification.

5

Filtration

The majority of remaining suspended particles in the water are removed.

6

Disinfection

Ultraviolet light and other methods are used to kill disease-causing organisms.

7

Discharge

Treated water is used for irrigation or put back into local rivers and streams.



For great water conservation tips, visit AquaAmerica.com