

Wastewater treatment

Where does wastewater come from?

Who makes wastewater?

What kinds of things are in wastewater?

What can you do to help?

How is wastewater cleaned?

What happens to treated water and solids?

How can you learn more about water resource recovery facilities?

What experiments can you do?

Water in Your Home – Part 2





What you put down the drain inside your home, school or business goes into wastewater.

Kitchen



Bathroom

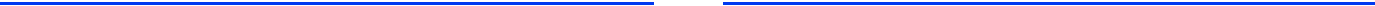


Laundry



Did you know?

About 75% of all wastewater pipe blockages involve wet wipes. These blockages can cause wastewater (sewage) overflows into homes or creeks.



Pesticides (including flea rinses) and chemicals



Food waste, oil and grease, milk and other liquids



Paint and paint-related products



Solvents and fuels



Solid items including plastics, rubber, fibres and organic materials



Saturday Disney Seven Network 241015



How we turn wastewater into ...



Primary treatment is the first stage of treatment.

Secondary treatment uses bacteria to break down nutrients.

Tertiary treatment removes very small particles.

Polymers in Water Treatment





We reuse biosolids on farms.



St Marys

Find out about tertiary and advanced water recycling.

[Read more](#)

Penrith

Find out about tertiary water recycling at Penrith.

[Read more](#)

Wollongong

Find out about advanced water recycling at Wollongong.

[Read more](#)

Rouse Hill

Find out about producing recycled water for home uses at Rouse Hill.

[Read more](#)

Cronulla

Find out about tertiary treatment at Cronulla.

[Read more](#)

North Head

Find out about large-scale primary treatment at North Head.

[Read more](#)

Keep wipes out of pipes exper...



Make a simple water filter exp...



HSC Chemistry

Find our syllabus-linked Depth Study programs about polymers.

[Read more](#)

Earth & Environmental Science

Find our syllabus-linked Depth Study programs about separating mixtures.

[Read more](#)

Recycled water

Learn how we turn recycle wastewater so it can be reused.

[Read more](#)