

Environmental Levy
Sustaining our City
for the next 20 years



COASTAL

Gross pollutant traps (GPTs)

Keeping our beaches clean



GROSS POLLUTANT TRAPS (GPTs)

FUNDING AREA
Coastal

BUDGET
\$5M

TIMEFRAME
2024-29

LOCATION
Various; coastal

STATUS
38 installed; one per year planned

DID YOU KNOW?

GPTs are our silent environmental heroes. Hidden underground near our coast, they filter stormwater and are regularly cleaned and emptied by Council. We recycle about 80% of the material collected.

Keeping our beaches clean is a top priority for Council and our community. GPTs and rain gardens can provide an important solution for coastal waters.

WHAT IS IT

When it rains, rainwater flows to our beaches through the stormwater system picking up rubbish, organic matter and pollutants from roads and footpaths along the way. Gross Pollutant Traps remove larger rubbish items from stormwater before it reaches the beach. Rain gardens provide important opportunities for filtering smaller items and organic materials.

GPTs are located underground along the stormwater system line. They divert stormwater into a giant swirling vortex where larger items are trapped and heavier items sink to the bottom.

We have 38 GPTs in Randwick that collect about 300 tonnes of pollutants a year.

BENEFITS

Strategically placed GPTs and rain gardens can reduce the amount of waste and organic matter that would end up along our coast and at our popular swimming beaches. These approaches contribute to improved water quality at our beaches and reduce plastics ending up in our waterways where they can persist for thousands of years and damage our marine environment and sea life.