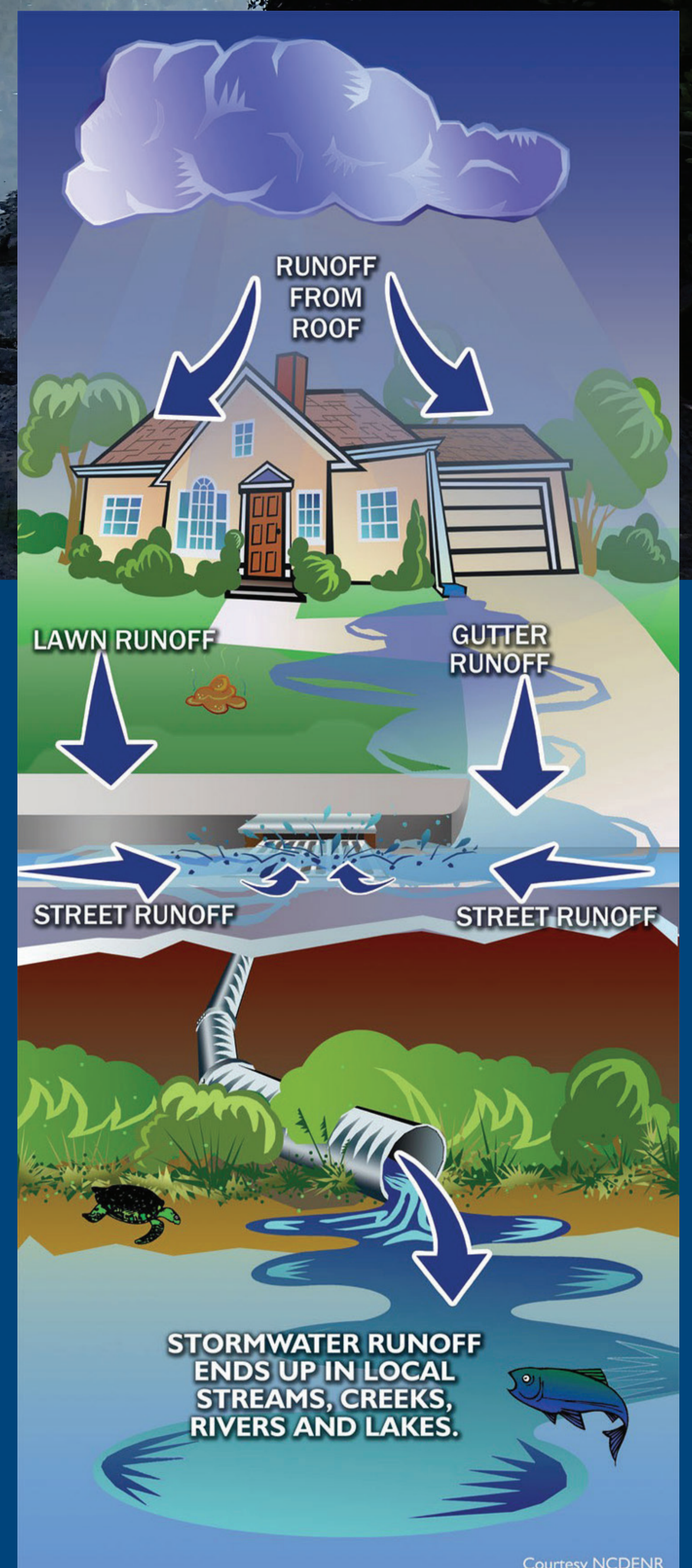


When it rains, everything on our streets ends up in our local creeks.

Unless it's captured by a Hornsby Shire SQID.



What is a SQID?

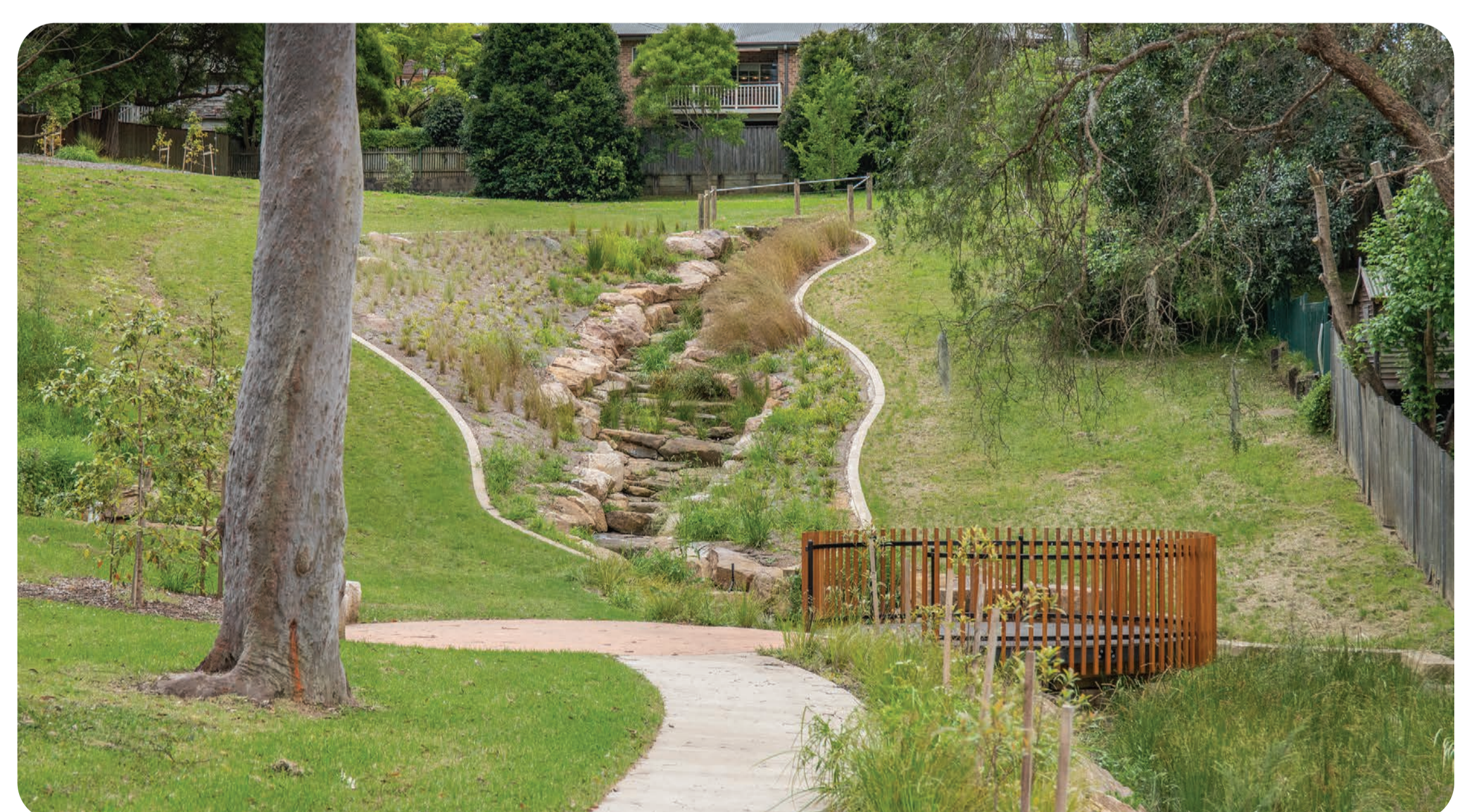
Stormwater Quality Improvement Device

What does it do?

A SQID is a special trap that filters out stormwater pollutants before they enter our local waterways and the ocean. On average, Hornsby's 400 SQIDs collectively capture over 700 tonnes of gross pollutants each year.

What are stormwater pollutants?

- Litter including food packaging, plastic bags, bottles, cans and cigarette butts.
- Chemical pollution, including oil, grease, garden fertilisers and car wash detergent.
- Organic debris such as lawn clippings, leaves and dog poo.
- Sediment pollution from soil erosion and runoff from building sites and cleared bushland.





What happens when these pollutants end up in our local waterways?

Water becomes dirty and polluted; fish are killed, and algal blooms can occur

What can you do to help?

- 
- Ensure your cigarette butts and litter ends up securely in a bin.
 - Wash your car on the grass, not on the road or driveway, then pour any leftover soapy water on the lawn. Or go to your local car wash.
 - Rake up leaves and garden clippings and place them in your compost or green bin.
 - Clean water-based paintbrushes over soil or in a sink connected to the sewerage system.
 - Sweep your driveway and street gutters instead of using the hose.
 - Pick up your dog's poo and dispose of properly (if possible, use biodegradable bags)



BASKET TRAP SQID

What do I do?

- Capture and retain leaves, litter, organic matter and coarse sediment.

Where can you find me?

- Generally out of sight near the end of a stormwater pipe



TRASH RACK SQID

What do I do?

- Capture and retain leaves, litter, organic matter and coarse sediment.

Where can you find me?

- In the middle of creeks and drainage lines or near a stormwater pipe outlet.





PIT INSERT SQID

What do I do?

- Capture and retain litter, cigarette butts, organic matter and coarse sediment.

Where can you find me?

- In roadside stormwater drain gully pits.



BIOFILTER SQID

a.k.a. Raingarden, Bioretention Basin or Wetland

What do I do?

- Use plants and soil media to filter pollutants and naturally remove nitrogen and phosphorus from stormwater.

Where can you find me?

- On drainage lines near stormwater outlets, in car parks and roadside settings.





NET TECH SQID

What do I do?

- Capture and retain litter, organic matter and coarse sediment.

Where can you find me?

- On a stormwater pipe outlet.



CHANNEL NET SQID



What do I do?

- Capture and retain litter, organic matter and coarse sediment.

Where can you find me?

- In the middle of creeks and drainage lines.



UNDERGROUND CDS SQID

a.k.a Gross Pollutant Trap (GPT) or Underground Vault



What do I do?

- Capture and retain litter, cigarette butts, organic matter, grit, oils using a patented Continuous Deflection Separation (CDS) technology.

Where can you find me?

- Near biofilters, stormwater harvesting projects and commercial areas.



SEDIMENT BASIN SQID

What do I do?

- Designed to trap and store sediment, litter and debris.

Where can you find me?

- On drainage lines between development and bushland.