

# More Trains, More Services

## Waterfall Stabling Yard and Platform Extension Project

Rain garden installation in the Royal National Park | December 2022



### Maintaining our beloved Royal National Park

We are very aware of our proximity to the Royal National Park while working at Waterfall Station and wherever possible, we look for opportunities to improve sustainability and our surrounding environment.

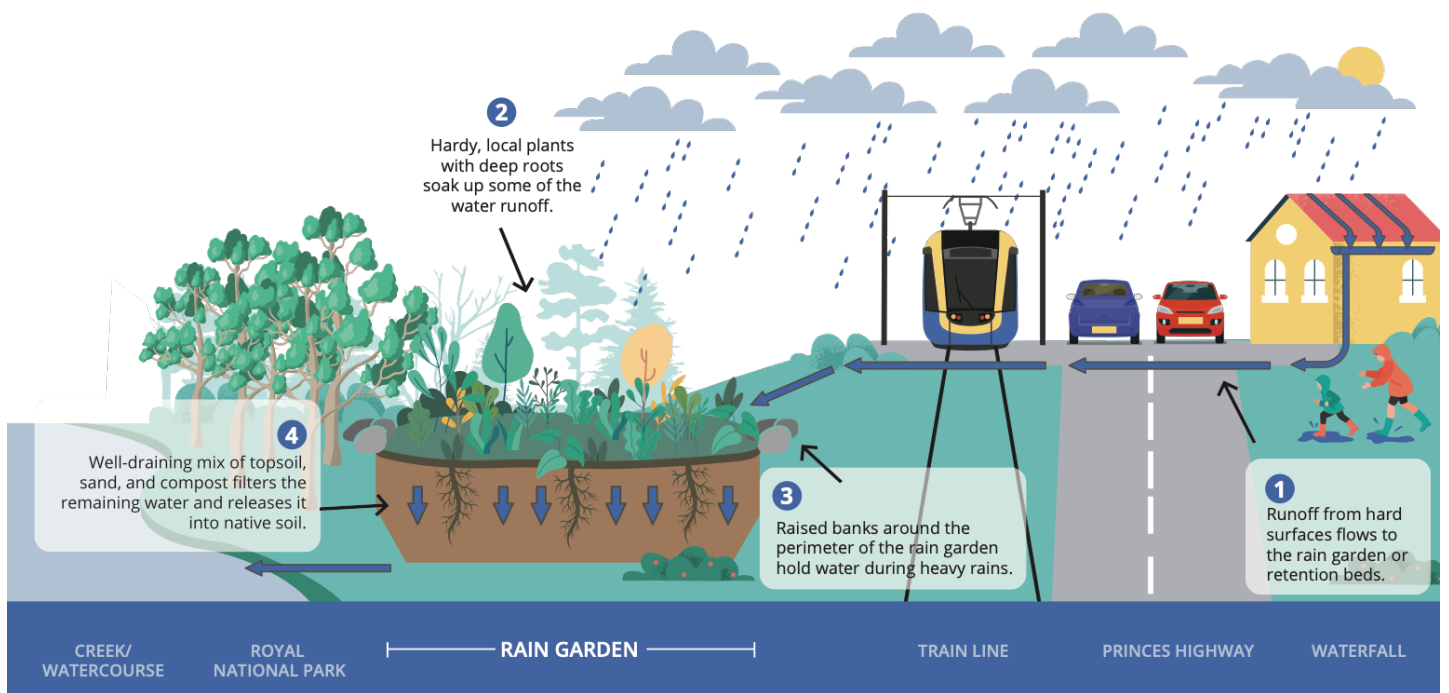
#### The problem

During the design process for the Waterfall Stabling Yard and Platform Extension, we found the legacy drainage systems entering the Royal National Park were undersized for rainwater runoff currently coming from the Princes Highway and railway corridor, resulting in some erosion.

In addition, rainwater runoff from the Princes Highway and rail corridor may contain excess nutrients such as nitrogen and phosphorus, as well as sediments which can impact on water quality.

#### The solution

We're going to install rain gardens to improve the quality of the water runoff entering the Royal National Park. These structures will assist with reducing erosion and improving water quality.



## What is a rain garden?

A rain garden is an area of native shrubs, trees and flowers planted on a natural slope. Its purpose is to temporarily hold and filter rainwater runoff that flows from roofs, driveways or, in our case, roads and railway lines. There are a number of other benefits of rain gardens.

## Benefits of raingardens

- Recharges groundwater supply
- Provides habitat and food for wildlife
- Remediate contaminants
- Helps filter heavy heavy metals and pollutants
- Helps in adapting to climate change
- Low maintenance.

## Rain gardens in the Royal National Park

A total of 5 small rain gardens, approximately 30 to 50 square metres each in size, will be constructed adjacent to the rail alignment in existing disturbed areas.

During construction some vegetation removal will be required. This work will be supervised by ecologists and arborists and revegetated at the completion of construction. A weed infested area adjacent to Waterfall Station will also be treated and revegetated as part of the project delivery.

This initiative will deliver improvements to water quality, erosion mitigation and weed management.

## We are phasing out paper notifications!

*In 2018, Australia generated 5.9 million tonnes of paper and cardboard waste.*

We are committed to integrating sustainable practices into our projects and reducing environmental impacts.

By 2023, we plan to phase out hard copy notifications to residents, unless requested. Instead, we will be digitally distributing construction updates to project-specific email lists.

To help us reduce paper waste, please visit

**[yoursay.transport.nsw.gov.au/mtms-waterfall](https://yoursay.transport.nsw.gov.au/mtms-waterfall)** to complete a 2-question survey and let us know if you would prefer to receive our updates in your inbox instead of your mailbox.

We will continue to remind you of this transition and plan to go entirely digital from January 2023.

If our work is anticipated to directly impact your property and we don't have your contact details, we will still distribute a paper notification to your address to ensure you are aware of upcoming activities.

*Transport for NSW acknowledges the Dharawal people as the traditional custodians of the lands on which we work and pay respects to Elders past and present. We recognize & celebrate the diversity of Aboriginal peoples and their ongoing cultures & connections to the lands and waters of NSW.*

## Contact us

For more information or to subscribe to project updates:



Project information line: **1800 684 490**



**[projects@transport.nsw.gov.au](mailto:projects@transport.nsw.gov.au)**



24/7 construction response line: **1800 775 465**



**[www.transport.nsw.gov.au/mtms](https://www.transport.nsw.gov.au/mtms)**



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