

## Resilient Rivers Initiative

### What is the Resilient Rivers Initiative?

It is a collaborative approach to improving the health and resilience of South East Queensland's catchments, rivers and Moreton Bay, achieved by working with local and state government, water utilities and key non-government organisations and, most importantly, landholders along rivers.

### What is the Logan-Albert Catchment Action Plan?

This plan was developed through the Council of Mayors' Resilient Rivers Initiative with the primary focus of addressing sediment management issues through a series of on-ground, policy and planning actions.

### Where have we started?

The current focus is on the priority reach between Cedar Grove weir and Beaudesert considering various stakeholders such as Seqwater, Queensland Urban Utilities and Logan Water are already investing in this area.

### What assistance is being provided to landholders?

As part of this plan, the Mid-Logan Landholder Engagement Project was created to engage with landholders and provide them with land management assistance, including weed treatment works, exclusion fencing, off-stream watering points and revegetation of river banks.

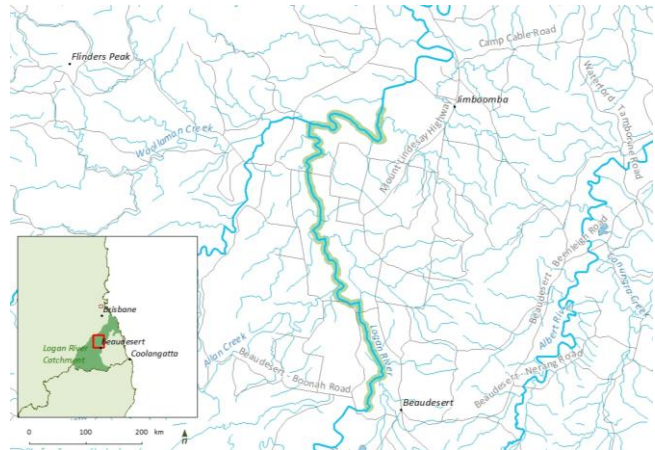


Figure 1: Priority reach location, Cedar Grove weir to Beaudesert.

### Weed treatment work

Weed treatment has been conducted within Allenvue, tackling cat's claw creeper (*Macfadyena unguis-cati*), balloon vine (*Cardiospermum grandiflorum*), green cestrum (*Cestrum parqui*) and castor oil (*Ricinus communis*).

The cat's claw creeper (pictured below) is an aggressive climber with the ability to completely smother native vegetation and is considered a restricted invasive plant under the *Biosecurity Act 2014*.



Figure 2: Cat's claw creeper infestation.



Figure 3: Cat's claw creeper treated.

## Exclusion fencing and off-stream watering points

Exclusion fencing and off-stream watering points can significantly improve the water quality of the Logan River. The cleaner water provided by the off stream watering points will also contribute to healthier livestock.

## Revegetation

Native species have been planted on private and Council land in Allenview and Woodhill, with further plantings scheduled.

These plantings (as pictured) will reduce erosion and sediment runoff which will improve water quality and lead to improved livestock condition.



Figure 4: Lower river bank native tube stock plantings.



Figure 5: Top bank native tube stock plantings.

A variety of native plant species has been selected for this project.

Some of these species include:

- river sheoak (*Casuarina cunninghamiana*)
- silky oak (*Grevillea robusta*)
- creek sandpaper fig (*Ficus coronata*)
- weeping bottlebrush (*Melaleuca viminalis*)
- mat rush (*Lomandra longifolia*)

## Find out more and get involved:

Landowners who manage property along the priority reach of the Logan River (Cedar Grove Weir to Beaudesert) are encouraged to find out how the Resilient Rivers Initiative may be able to assist.

Contact the Resilient Rivers Catchment Management Officer on 5540 5111 (Scenic Rim) or 3412 3412 (Logan).