

# Our Environment

Keeping the Lockyer in the Lockyer



REGIONAL COUNCIL



## Revegetating the creek for erosion control

As a result of the 2011, 2013 & 2017 weather events, the creeks of the Lockyer Valley sustained significant damage affecting landholders and infrastructure. Large areas of creek bank was scoured taking soil and sediment with it.

The 2016 Lockyer Catchment Action Plan (CAP), funded through the Council of Mayors Resilient Rivers Initiative, outlines actions which aim to address the very high risk of sediment movement from the Lockyer catchment. One of the priority actions identified in the CAP is to stabilise the banks of the Lockyer Creek. This action will help to minimise risks such as movement of sediment downstream causing unnatural build-up, changes to the creek path and damage to valuable assets, infrastructure and property.



Pilot revegetation areas, Gatton

As part of a pilot project, the project team have identified two large sediment deposits (known as benches) in a fast-flowing stretch of the Lockyer Creek which are at risk of being washed downstream. To prevent this, a revegetation plan will be developed to plant native trees, shrubs and grasses on the creek banks to hold the sediment benches in place and allow floodwater to continue downstream.

For more information call 1300 005 872 or visit [www.lockyervalley.qld.gov.au/Catchment-Action-Plan](http://www.lockyervalley.qld.gov.au/Catchment-Action-Plan)



# Revegetating the creek for erosion control

## FAQ

### What plants will be planted and where?

Local native tube stock will be planted in the parts of the creek bank where they would naturally occur for example, Mat Rush and Bottlebrush alongside the creekbed. These plants cope very well with rushing water by bending over allowing the water to flow past. Further up the bank Black Tea-tree and River She-oak will be planted with Eucalyptus species going in at the very top of the bank.

### Who pays for the work?

Lockyer Valley Regional Council has received Catchment Investment Program funding from the Resilient Rivers Taskforce. For more information on the Resilient Rivers Initiative visit: [www.resilientrivers.com.au](http://www.resilientrivers.com.au)

### When is the work planned?

Drought conditions delayed our original commencement of works, but site preparation works for the 2 pilot project areas are now scheduled to commence in February/March 2019 with planting to commence in March/April 2019. Further revegetation sites will be subject to further funding.

### Who will perform the work?

Lockyer Valley Regional Council have engaged specialist contractors to perform the site preparation, planting, monitoring, maintenance and reporting on the two pilot revegetation sites. preparation, planting, monitoring, maintenance and reporting on the two pilot revegetation sites.

\* Queensland Herbarium (2018) Regional Ecosystem Description Database (REDD). Version 10.1 (March 2018) (Queensland Department of Environment and Science: Brisbane).

## Community Tree Planting Day



Sunday, 24 March 2019

Look out for an invitation to join the team for a community tree planting event.

Check [www.lockyervalley.qld.gov.au/Catchment-Action-Plan](http://www.lockyervalley.qld.gov.au/Catchment-Action-Plan) closer to the event for more information.

## What is being planted?



*Corymbia tessellaris*  
**Moreton Bay Ash**

*Eucalyptus tereticornis*  
**Blue Gum**

*Casuarina cunninghamiana*  
**River/Creek She-oak**

*Melaleuca bracteata*  
**Black Tea-tree**

*Melaleuca viminalis*  
**River/creek Bottlebrush**

*Lomandra hystrix*  
**Mat Rush**

Regional Ecosystem 12.3.7\*  
Plants