

## How Can You Help Protect Your Waterway

### **Reduce soil erosion**

- Provide maximum soil surface protection via grasses, pastures and or mulch.
- Minimise the length of time soil is left bare.
- Control run off water from flowing over bare ground.

### **Control runoff**

- Maintain good ground cover around dams and water courses.
- Avoid fertilising areas that carry runoff water and are without ground covers.
- Apply fertiliser in smaller more frequent amounts and avoid fertiliser application prior to periods of heavy rain.
- Check earth works for necessary repairs and maintenance.
- Revegetate or mulch bare areas of soil.
- Use rock based fertilizers to minimise leaching into creeks.

### **Riparian Vegetation**

- Protecting and restoring creek frontages with vegetation creates a buffer zone between agricultural activity and the creek.
- Replace the introduced species along your creek like camphor, privet, lantana and replace them with local species you find along the creek like water houseia (floribunda) trees.
- Fence of the creek to protect the banks from stock and help improve the biodiversity in your soils around your creek
- Benefits of these include:
  - \* Increasing water quality
  - \* Attract and support wildlife
  - \* Slow surface runoff and reduce erosion
  - \* Limit pests through the encouragement of beneficial insects, owls and snakes
  - \* Filter and trap chemicals and pesticides
  - \* Improve property values

## Protecting Boggy Creek is a Shared Responsibility

Protecting your creek is a responsibility shared with industry, business, landholders, communities and individuals

### **Further Information**

Further information about managing our creek including fencing, protection or restoring vegetation and details of financial assistance opportunities available contact Rous County Council, Local Land Services, Lismore City Council or Tregeagle Landcare.

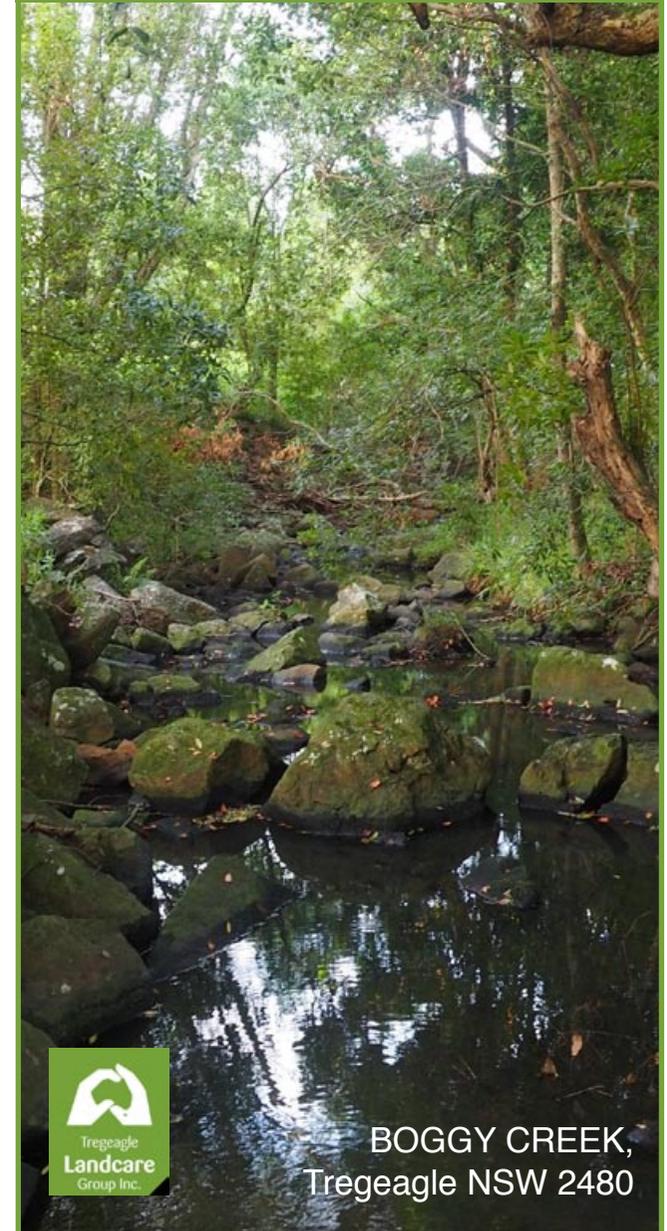


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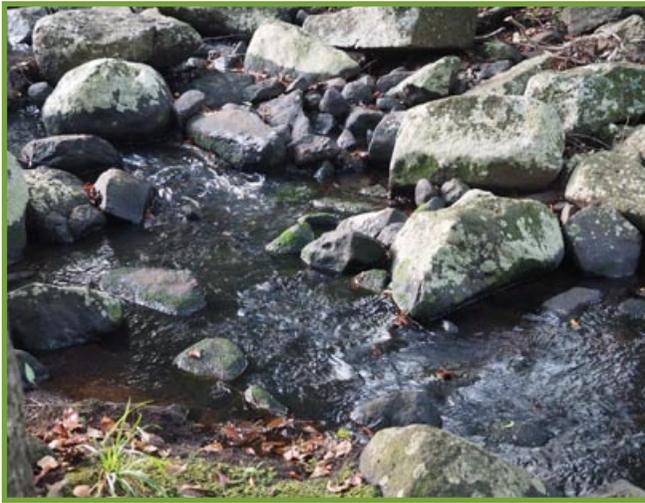


## Know Your Local Waterway

### *A Pristine Waterway*



**BOGGY CREEK,**  
**Tregeagle NSW 2480**



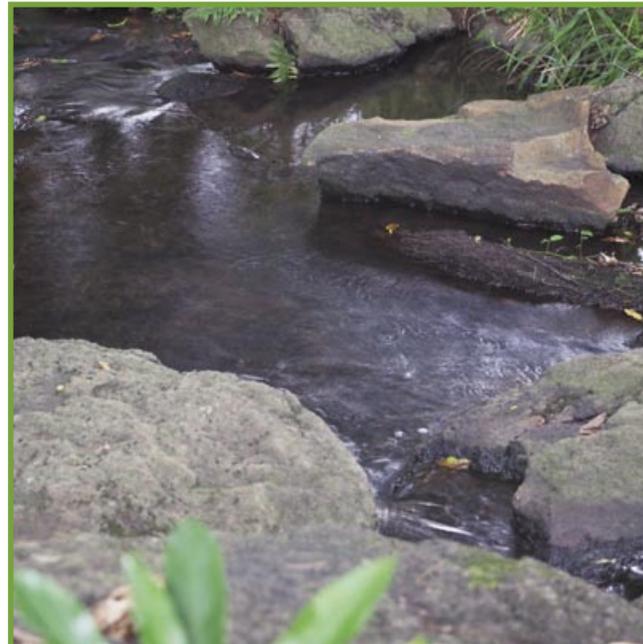
*"if you have a partiality for a country picnic, go to Boggy Creek. Let me direct you first and foremost to one of the prettiest places in the big scrub. Only a few years ago it was generally known as the country beyond Jordan. More recently, discoveries have unravelled the proud fact the country is unsurpassed for farming and dairying"....Northern Star, January 1895*



## Unique Features Of Boggy Creek

Boggy Creek receives run off from aqua fed drainage on the Alstonville Plateau and feeds into Tuckean wetlands. Tuckean wetlands are at sea level and rises approximately 180 metres over a distance of approximately 8 kilometres to the start of Boggy Creek around the intersection of Rous and Tregeagle Road. This system is considered a high valued water way by both government and our local community and has heritage status for the following reasons:

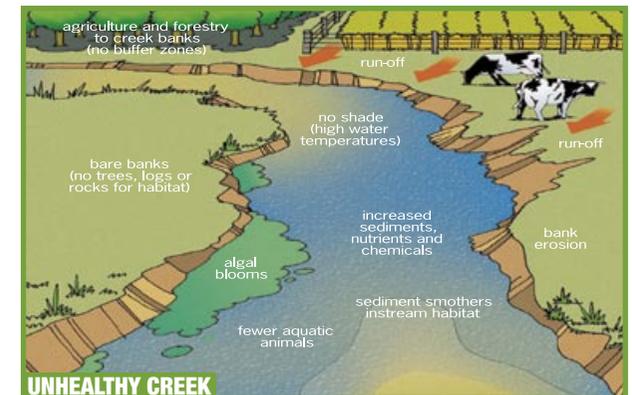
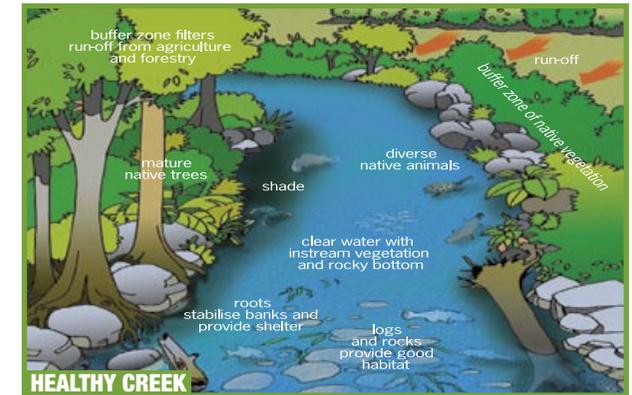
- Water quality is above town water standards
- High flow rate maintains oxygenated water, reduces algae and improved marine life.
- Totally spring fed – no feeder creeks – reduces silting of Boggy Creek
- Pristine water flow to Tuckean wetland supporting flora and fauna in Tuckean Reserve.



## How We Impact Our Creek

Macadamia, cattle farming and lifestyle accounts for a high proportion of land use in the Boggy Creek catchment. Poor land management leads to excessive run off, soil erosion, high use of pesticides, reduced water quality and damage to the in stream ecosystems in Boggy Creek. This affects creek health and water quality by introducing:

- Nutrients from pesticides, herbicides and fertilisers which cause an increase in the risk of blue green algal blooms
- Sediments from soil erosion and runoff harms aquatic life, clogs streams and burdens water quality



Above diagrams supplied courtesy of Rous County Council