



**Mulloon Institute**  
*For environment, farming and society.*

REGENERATING AUSTRALIA

*We are working with farmers across Australia to restore landscapes and build resilience to climatic extremes.*

### Our work

Focuses on capturing and retaining water in the landscape, by identifying and restoring hydrological processes using physical interventions and regenerative land management approaches.

### What we do

Landscape repair and catchment rehydration by sharing regenerative land management practices, monitoring the outcomes and educating farmers and land managers on these practices.



### Mulloon Rehydration Initiative

**What** – Catchment-scale project.

**Where** – Mulloon catchment, Southern Tablelands, NSW.

**On-ground works** – Leaky weirs, tree planting, fencing, contours, grazing management, erosion control, education, capacity building and monitoring.

**Funding** – Jointly funded through the Mulloon Institute and the Aust Govt's National Landcare Program.

Photos: Mt Pleasant - above 1977, below 2015



### Mt Pleasant Demonstration & Learning Hub

**What** – Landscape rehydration works to reduce erosion.

**Where** – Mt Pleasant Station, Collinsville, QLD.

**On-ground works** – Major log sill leaky weirs constructed.

**Funding** – Part of Landholders Driving Change (a Burdekin Major Integrated Project) delivered by NQ Dry Tropics and funded by the QLD Govt through the QLD Reef Water Quality Program.

Photos: Mt Pleasant - above September 2019, below February 2020



### Landscape Rehydration Benefits

The implementation of landscape rehydration activities can result in a wide range of offsite and co benefits, including:

- increased water quality & quantity
- improved agricultural productivity
- increased biodiversity & habitat
- boosted soil hydration & health
- increased carbon sequestration
- decreased soil erosion
- increased resilience to drought, bushfire & flood



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