



Lake
Baroon
Catchment
Care
Group

Working with our community...for our waterways

Lake Baroon Catchment Care Group

Dairy Program Report

April 9th 2020

DAIRY

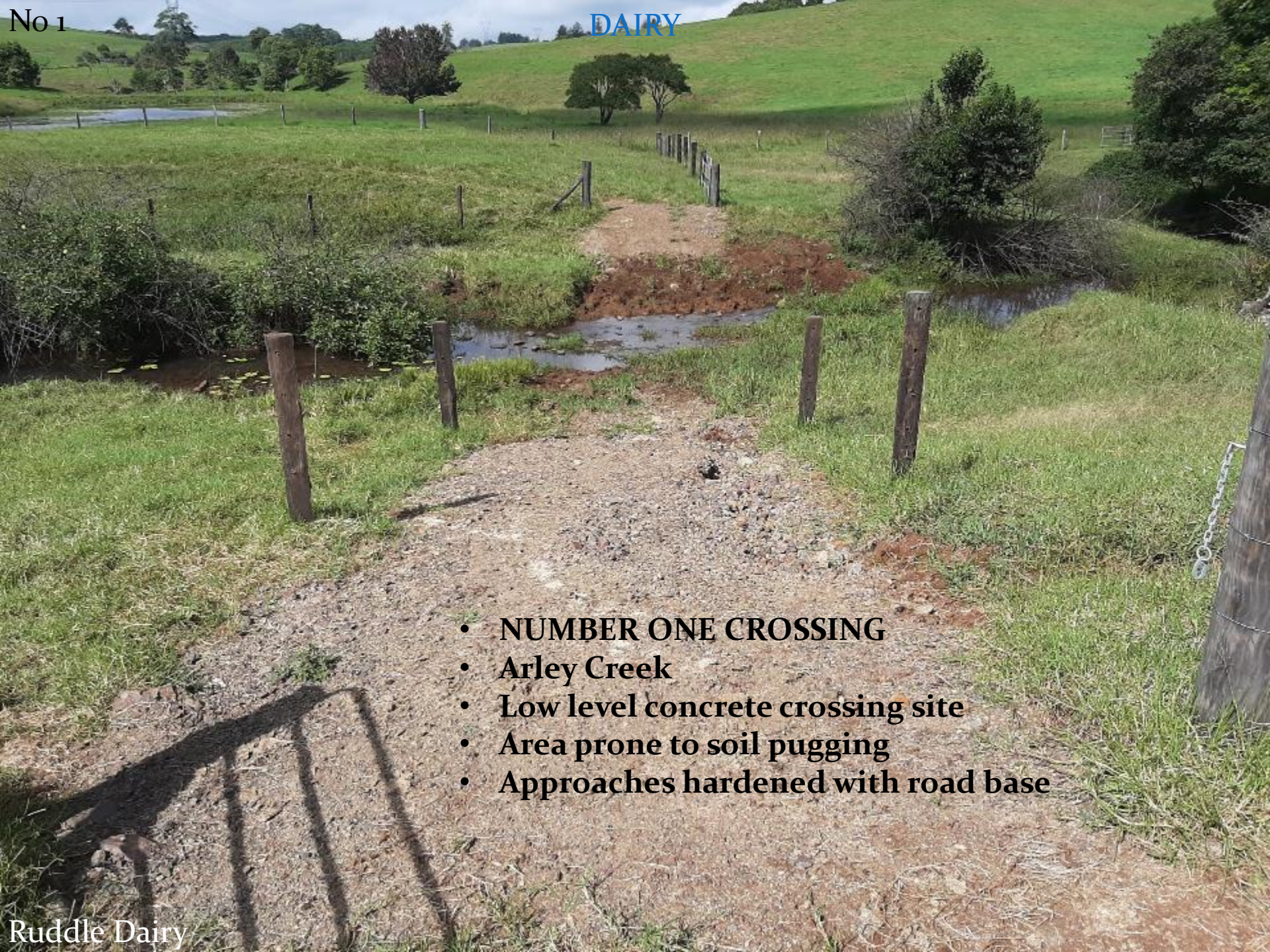
Solar
pump site

- Header tank installed for Off Stream Watering
- Buried 725 metres of 40 mm high pressure poly pipe to service OSW
- 20 000 lt Tank Makers Tank
- Contractor used Nash Excavations

DAIRY

- **Off stream watering installed P&K Excavations**
- **4 x 1000lt Concrete Stockman's Troughs Toowoomba**
- **Trough placement to encourage livestock away from waterways**





- **NUMBER ONE CROSSING**
- **Arley Creek**
- **Low level concrete crossing site**
- **Area prone to soil pugging**
- **Approaches hardened with road base**



- Dave Mayers Concreting
- P&K Nash Excavations



- Low Level Concrete Crossing completed
- Concrete stamped for a non slip surface
- Fencing to be completed

- **NUMBER TWO CROSSING**
- **Arley Creek**
- **Water quality issues**
- **Grazing pressure on riparian area**





- Riparian fencing implemented
- Crossing approaches hardened

- Dave Mayer Concreting
- P & K Nash Excavations



- Awaiting concrete to set to allow stamping
- Riparian fencing denies livestock to job site
- Langdale Fencing Tim and Lachlan Simpson



- **NUMBER THREE CROSSING**
- **Arley Creek**
- **Reinforcing Mesh used in all crossings**





- Livestock excluded from job site

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- **Low level crossing completed**
- **Non slip surface applied**
- **Approaches to be knitted in**
- **Wire in Fencing to be pulled**
- **Absence of wire allowed a safe working environment**



- Laneway fencing by Langdale Fencing
- 250 metres to force livestock to use formed laneway



- Laneway fence completed
- Previous area of uncontrolled livestock traffic recovering
- This area was depositing sediment into Daley Creek



- Laneway damage as a result of uncontrolled livestock traffic



- **New laneway fencing commenced**
- **Width to allow livestock and machinery movement**
- **Contractor used Langdale fencing**



- 140 metres of laneway fenced
- 290 metres of permanent fencing
- Vehicle access not compromised
- Nil livestock traffic in drainage lines



After

- **Laneway and drainage assessment**
- **Limiting farm access in wet times**
- **Risk of sediment loss into waterways**



- **Livestock laneway continues to lose soil**
- **Laneway fencing width exceeds hardened surface**
- **Drainage lines filled with sediment**



- **Road base applied to laneway by Nash Excavations**
- **Contractor access and working conditions improved**
- **Cow traffic use hardened laneway**



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- 210 metres of improved laneway fencing
- Constructed by Langdale Fencing
- Existing farm gates reused were applicable
- Livestock traffic now confined to hardened laneway



- **Farm infrastructure was failing**
- **High pressure areas becoming dangerous**



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- **Modern solution implemented**
- **Langdale Fencing**



Dairy

- **Farm water storage of 3 acres chosen for site of solar pump**
- **Currently livestock water is drawn from Obi Obi Creek**
- **This new site will supply all livestock water requirements for Cork's dairy**
- **This site is in the head waters of Obi Obi Creek**



DAIRY

- **Solar Pump Installation by The Pumphouse Beerwah**
- **600 metres of 50mm poly pipe installed (Landholder Contribution)**
- **30 Meter lift to dairy header tanks**
- **Servicing current and future Off Stream Watering Systems**



Dairy

- Solar pump installation The Pumphouse Beerwah
- 2 Days to install
- Pumping 20000 litres a day of livestock water



- **3 x 2500lt Graham's Concrete Troughs Kyogle**
- **Concrete Water Troughs installed by Weston Earthmoving**
- **150 metres of formed laneway by Weston Earthmoving**
- **All funded by landholder**



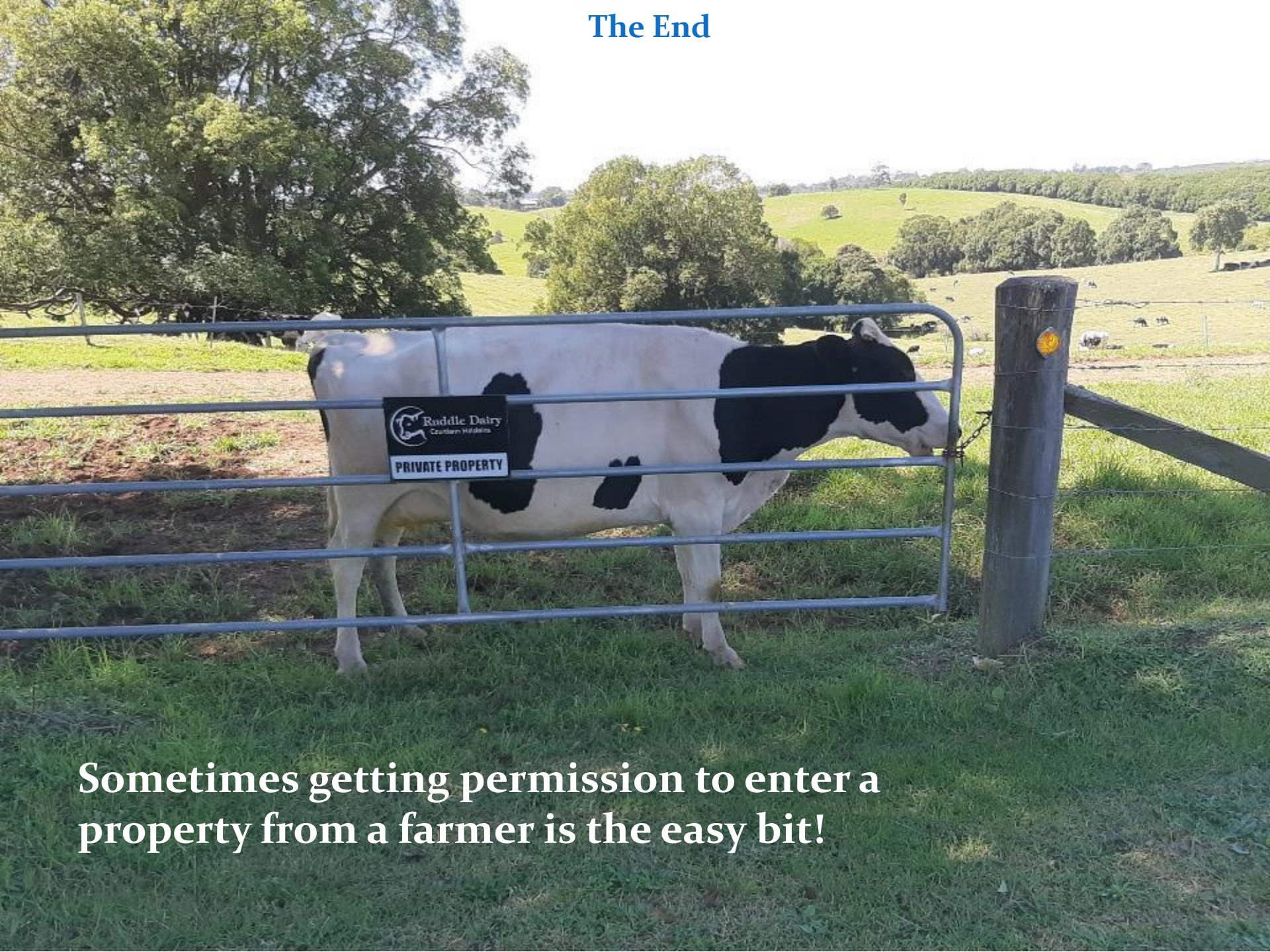


- **Stage 2 14 acres for distribution of dairy effluent waste water**
- **All irrigation infrastructure is funded by the landholder**

- Maleny Sustainable Beef Program
- Herd Health Workshop
- Venue Maleny Showgrounds
- Presenter Allan Jones Agricon
- 20 Landholders attended



The End



Sometimes getting permission to enter a property from a farmer is the easy bit!