

Cork Dairies Obi Obi Creek Riparian Protection

The Cork Dairies Obi Obi Creek Riparian Protection project commenced in 2011 and was the second stage in the implementation of a whole farm plan completed in 2009.

Initial dairy laneway rehabilitation and realignment in 2010 highlighted the need for improved waterway crossings over Obi Obi and Daley Creeks.



The informal crossing on Daley Creek.

The crossing on Daley Creek was virtually impassable and presented real risk to livestock as well as causing erosion, sedimentation and direct deposition of nutrients and potentially dangerous pathogens.



Low level concrete crossing freshly installed on Daley Creek.

Concrete crossings are relatively simple and cheap to construct but the real benefit is they are virtually indestructible. Built at original bed level they present a low profile to water flow and are extremely unlikely to be damaged by flooding. Furthermore livestock can stand on the concrete and drink at the edges—once the storm-water pipes underneath the concrete are capped providing a small

but reliable pool of water.

The crossing on Obi Obi Creek, although only a mere fifty metres from Daley Creek required a far more elaborate solution to live-stock movement.



The steep banks on Obi Obi Creek made crossing very difficult.

The banks required the crossing to be substantially raised to reduce the steep gradient and have sufficient capacity during flooding events. Three sets of 1.8 metre diameter pipes supplied by the Cork family ensures flows will not overtop the structure.

With the formalisation of controlled livestock crossing points, the Obi Obi and Daley Creek riparian zones can now be fenced reduc-



Completed Obi Obi Creek livestock crossing

ing erosion, sedimentation and turbidity, reduce nutrient inputs and reduce the risk of pathogen inputs. LBCCG would like to thank our partners in the project—Seqwater, Sunshine Coast Council and of course the landholders Col, Dianne and Matthew Cork.

For more information please see www.lbccg.org.au