



GREAT SANDY STRAITS AND FRASER ISLAND SECURE

FACT – Sediment load in the Mary River is currently high due to land uses such as grazing, cropping and intensive animal production

The majority of reaches examined within the Mary River catchment have been subject to major geomorphic changes caused by land use and management practices, post European settlement.

Downstream land uses are dominated by grazing and cropping, with some areas of intensive animal production and residential development.

FACT – Traveston Crossing Dam will have no impact on the viable future of the tourism, recreation or fishing industries at the river mouth

The Traveston Crossing Dam will be located over 200 km away from the Mary River's mouth, with over 2,200 billion litres of water reaching the mouth on average each year.

There will be no noticeable impact on tourism, recreation and fishing activities at the river's mouth, in the Great Sandy Straits or on Fraser Island.

The Project does not entail any works in the Great Sandy Straits or on Fraser Island, so no physical disturbances will occur.

"We support the overall conclusions... that the downstream impacts of the Traveston Crossing Dam, on sediment loads and sedimentation, particularly at the mouth of the Mary River, are likely to be negligible."

CSIRO, 2008

FACT – Traveston Crossing Dam will slightly reduce sediment, with no discernable impact at the river mouth

The Traveston Crossing Dam will have a beneficial impact on sediment, with a predicted reduction of up to approximately 20 percent for suspended sediment and a slight reduction in coarse sediment at the river's mouth.

There will be no detrimental sediment related impacts on the Great Sandy Straits or Fraser Island. An independent CSIRO review concluded the modeling used to calculate sediment findings was "appropriate" and "sound".

Independent studies demonstrate that the Mary River does not determine sediment processes on Fraser Island, which are driven by marine processes (*Beach Protection Authority Queensland*).

Sediment trapping within the storage would have only a minor impact on the dam volume, with a potential 0.15 percent reduction in dam capacity each year.

Need more information?

Refer to Chapters 5, 8 and 9 of the Traveston Crossing Dam Environmental Impact Statement:
www.qldwi.com.au/TravestonCrossingDam/ApprovalProcess/EnvironmentalImpactStatement.aspx

