

TIDAL MONITORING DATA TO AUGUST 2014

Tweed River Mean Low Water Spring (MLWS) tide level varied from a minimum of -0.278 m AHD to a maximum of -0.149 m AHD for the six months March 2014 to August 2014. This is similar to the natural river tidal behaviour prior to project operations.

This period of analysis was predominately tidal influenced, no measurable oceanic events were recorded and there was nearly 5 months of very low rainfall.

The behaviour of Spring Tidal Ranges for all sites is very similar with little variation over the period.

Over the last 12 months (August 2013 to August 2014) the river spring tidal range has decreased. This is possibly due to tides transporting sand into the estuary and a lack of significant catchment flow events to transport that sand out again.

The TRESBP has not had a significant impact on the Lower Tweed River tidal behaviour to August 2014.

The next set of data is due in February 2015 (six months).

