30 August 2018. A project milestone was successfully achieved today when the removal lift of a 92 tonne Digester Roof was completed at the Gladstone Wastewater Treatment Plant (WWTP), QLD.

Aquatec Maxcon has been engaged as the Principal Contractor for the Design and Construction of a new Biosolids Handling facility at the Gladstone WWTP, with works involving the refurbishment of the existing digested sludge holding tank to a new Anaerobic Digester. The Gladstone Wastewater Treatment Plant upgrade is being completed with assistance from the Queensland Government's Building our Regions program.

The existing sludge digester, a component of the larger Biosolids Handling plant, was originally designed and constructed for the Gladstone WWTP by Aquatec Maxcon in 1982. When performing the original Digester roof lift and installation, it challenged the resources at the time, utilising all of the available six cranes in Gladstone. Thirty-six years later, the 80ft dia., 92 tonne (100 tonne with rigging) digester roof was efficiently removed with a single 500t crane lift in approximately fifteen minutes. The collaborative milestone took over a month of meticulous logistics and safety planning by Gladstone Regional Council, Principal Contractor Aquatec Maxcon and lift subcontractor LCR Group.

Aquatec Maxcon congratulates everyone involved in the successful execution of this important milestone for the Gladstone WWTP Refurbishment project and in particular, for everyone’s teamwork and attention to site safety during the roof lift.

See below for a video of the roof removal, courtesy of Gladstone Regional Council.

ERECTING THE 500 TONNE CRANE TOOK THREE DAYS

LIFTING THE DIGESTER ROOF INTO PLACE, 1982