

MORE HUBER SLUDGE TREATMENT EQUIPMENT FOR TI TREE BEND STP

CASE STUDY



THE CLIENT

The Ti Tree Bend STP located in Launceston is owned and operated by TasWater.

OVERVIEW

As part of a recent upgrade to the solids handling process, Hydroflux were awarded to supply of two (2) HUBER QPRESS Rotary Screw Presses.

HUBER Screw Press technology was selected over high speed centrifuges due to their outstanding performance, low maintenance and low energy demand.

Furthermore, the site already has three (3) HUBER S-DRUM Thickeners, which have been operating successfully since 2004.

The S-DRUM s thicken waste activated sludge from 0.5% to 5%DS and have a similar operating principle to the QPRESS.



Key Benefits:

- High cake solids, less off site disposal costs
- Lowest energy demand (10% of a centrifuge)
- Automatic Unattended Operation
- Max internal speed of 1RPM
- Lowest maintenance demand
- Full stainless steel construction
- Fully enclosed system

There are now 1200 QPRESS units in operation, and we have 40+ systems installed across Australia.

Item	Value
Sludge Type	Anaerobically Digested Primary/TWAS
Max Capacity	34 m3/h
No. of units	2
Installed Power	4.4 kW
Dry Solids	22% w/w
Capture	95%
Polymer Dose	10 kg/t Effective