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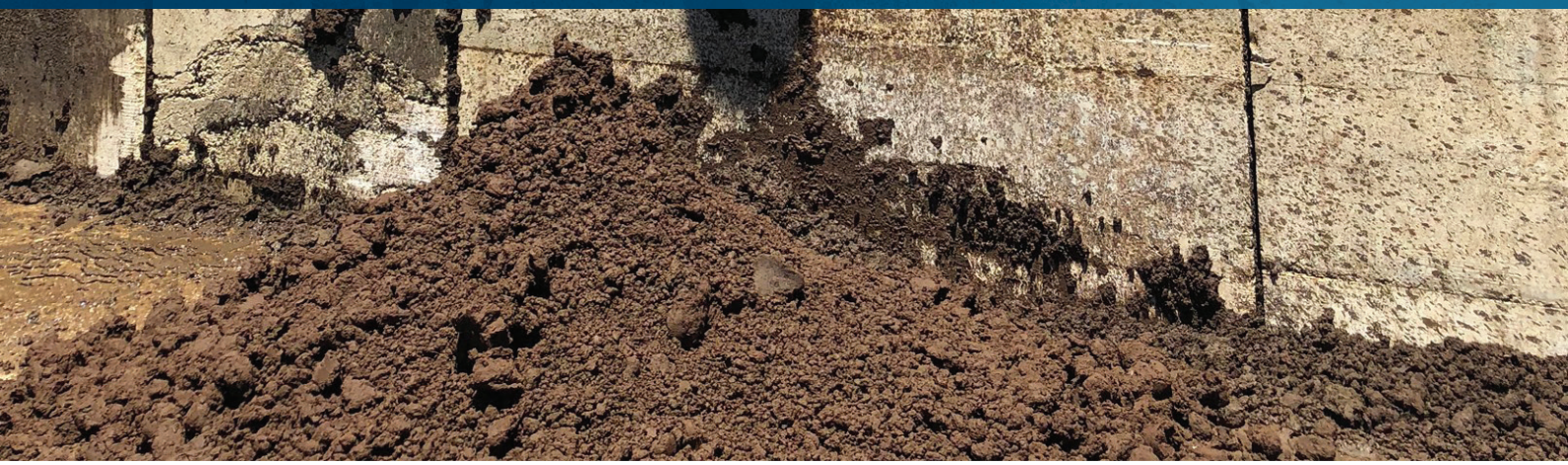
HUBER QPRESS® PROVES OUTSTANDING ON DRINKING WATER SLUDGE

CASE STUDY



The rise in use of the HUBER QPRESS® Sludge Press in municipal sewage treatment and industrial trade waste plants has been driven by the machines ultra low power consumption, high cake solids, high volume reduction, high capture and very low maintenance requirements.

Recently a containerised HUBER QPRESS was purchased for a drinking water treatment plant located in Adelaide.

The results have been outstanding. The sludge is alum based precipitate and the QPRESS® has delivered a final cake solids of 18-19%DS.

Traditionally drinking water treatment sludges are more difficult to dewater due to their fragile flocc structure and shearing properties.

As the QPRESS® is a low speed unit with its three stages of drainage, thickening and dewatering -the sludge floccs that are otherwise sheared in a centrifuge are managed by the QPRESS® to form a dry solid cake with great capture efficiency.

Item	Value
No. of Units	1
Hydraulic Capacity	2—4 m3/h
Solids Capacity	50—140 kg/h
Cake Solids	18—19%DS
Polymer Dose	6 kg/t
Capture Rate	95%

"We have extensively trialled and used the HUBER QPRESS® in a wide variety of wastewater treatment applications, from municipal WAS, abattoir sludge, tunnelling sludge, metal hydroxides and fish waste—all with fantastic results and consistent performance" says John Koumoukelis, Director of Hydroflux.

"With over 35 references now operating in Australia, the positive experience we have had here reflects the rapid adoption of this technology in the European and US markets" he adds

There are now over 1400 QPRESS® units in operation around the world.