

CATTLE SLAUGHTERHOUSE

Saving disposal cost !!!

Problem

The big cattle slaughter house was looking for a solution for their sludge processing issues.

Every day the thickened sludge had to be removed and the annual carrier cost was over \$1,200,000. Furthermore, they needed to pay additional \$20,000 for labour and handling

2 x Dewatering Press ES-302



Solution

A thorough search of available dewatering technologies was undertaken and several companies were invited to offer their solutions. Above all, Dewatering Press ES-302 was selected as the integral part of this process improvement due to its low operational cost, easy operation and automatic operation.

End-user said: *“Discharged sludge cake routinely contains in excess of 35 % solids content and the sludge haulage costs were reduced by 75%!! Furthermore, the clog-free structure of Dewatering Press ES-302 enables stable operation with significantly low power and water consumption and we are very satisfied with the installation.”*

Conditions

Unit:	2 x ES-302
Sludge Type:	DAF sludge & WAS
Solids Concentration:	10.9 %
Flow Rate:	3.8 m ³ /h
DS Throughput:	414 kg-DS/h
Cake Solids content:	31.6 %
Capture Rate:	95 %
Polymer Dosage:	4 g/kg-DS

Sludge Cake

