

Step Screen and Washer Compactor



Case Study Details

PARAMETER	VALUE
Flow:	550 m ³ /hr (13,400 m ³ /day)
Screen Opening:	6mm
Channel Width:	450 mm
Channel Depth:	700 mm
Angle:	50 degree

H2Flow supplied a step screen, a washer compactor, transport tube and manual bypass screen. for this facility treating domestic wastewater. A PLC control panel was also provided, with all local controls and motors rated for explosion-proof Class1 Div. 1 environment.

The screen removes the debris from the channel and transports them to the washer compactor. This washes the organics off the screenings which are then placed into a screenings bin. A manual bypass screen was also provided during screen mainance or overflow conditions.

Engineering Consultant: WSP
Installation: Kenaidan Contracting
Start-Up: Jan. 2018