

BACKWASH WATER RECOVERY FOR MT KYNOCH WTP WITH VEEMAX® CLARIFIER THICKENERS

CASE STUDY



THE CLIENT

Mt Kynoch WTP is a 68ML/d water treatment plant that uses filtration to process raw from various raw water dams.



OVERVIEW

The treatment plant was upgraded to include backwash water recovery.

A Hydroflux Epco VeeMax® Clarifier Thickener was installed into an above ground concrete tank.

The unit is driven by a reduction gear motor. The scraper runs continuously and is protected by a torque limiter.

Item	Value
No. of Units	1 x 11M diameter
Scraper Type	VeeMax®
Drive	Centre Drive
Application	Backwash water
Launder	316SS V-Notch

Key benefits of the VeeMax® include:

- Proven heavy duty sludge removal system, suited for thickened sludge.
- Heavy duty gearbox with high service factor.
- Suspended scraper mechanism means less maintenance on the rubber squeegees.
- Over 330 clarifier references.