



ADVANCED GRIT WASHING EQUIPMENT FOR HALLS HEAD WWTP



The Halls Head WWTP was recently upgraded to include a new high efficiency inlet works, to protect the downstream secondary process.

As part of the upgrade, a HUBER RoSF4/t Grit Washing System was installed to wash and dewater grit from the discharge of the cross flow grit removal system.

The grit system utilises an inclined screw conveyor to remove and transport the captured grit. The final product is partially dewatered.

HUBER's RoSF4/t process is specifically design to wash and dewater partially dewatered grit with a solids content of 3—10% w/w. The final product contains 90% w/w solids with an organics residual of less than 3%

The benefits include:

- Ability to wash and dewater partially thickened grit slurry
- HUBER's Advanced Fluidised Grit Washing technology dewateres grit to 90%DS and less than 3% residual organics
- Reduced cost for grit disposal and less truck movements for offsite disposal
- Clean grit—no vermin or odour
- High washout results in much needed carbon return to the liquid stream
- All equipment is fabricated from 316 stainless steel in Germany



There are over 25 reference sites in Australia, and 2000 units worldwide. HUBER's grit washing technology is available in 5 sizes, with capacities from 8 through to 32 L/s of grit slurry.

| Item | Value |
|-------------------------------|-----------------------------|
| Peak Flow | 0.5 t/h of grit slurry |
| Capture | 90% of 200 micron particles |
| Dewatered Grit Content | 90%DS |
| Residual Grit Organic Content | <3% |

Hydroflux Epco is a business dedicated to providing world leading wastewater technology and processes to Australian Water Authorities and Councils.

Level 26, 44 Market Street, Sydney, NSW 2000
www.hydrofluxepco.com.au
 e: info@hydrofluxepco.com.au

EXCLUSIVE AGENTS FOR



ORGANICA



**AQUA
CONSULT**

t: 1300 417 697

A member of the HYDROFLUX Group of Companies