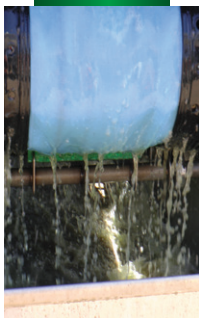


Z-Filter

Environmental Solutions



Fully automated
and unmanned
dredge platform



Z-Filter Environmental Solutions is our specialised contracting division offering a full suite of slurry de-watering services for a wide range of industries and applications.

Z-Filter is a revolutionary de-watering and filtering system that is continuous and self-cleaning. Put simply, it separates the solids phase from the liquid phase to create easily manageable solids. It relies upon its filtering elements to contain the suspended solids while allowing that material to be processed. The Z-Filter is a compact, portable and high-throughput system, easily adaptable across different industries and applications

Environmental Solutions

From recovery of the slurry using our fully automated dredge, right through to discharge of the de-watered cake and filtrate, our services division can supply all components required to undertake specific projects or ongoing service contracts. Our offering includes highly skilled staff, specialised equipment, project management and comprehensive safety systems. We also offer a comprehensive testing service to ensure a fully tailored solution.

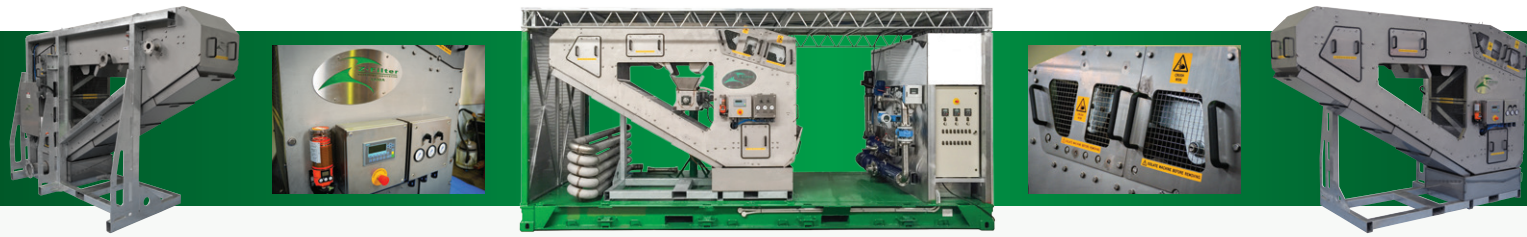
Benefits of Z-Filter Environmental Solutions

- Highly portable, lightweight, compact system
- Continuous production
- High throughput
- Ability to de-water (increase density) and consolidate solids, in turn saving the amount of disposal required
- Low power draw
- Low operating costs
- Easy to operate

Services offered

- Pond de-silting and de-watering
- Tank de-silting and de-watering
- Sump de-silting and de-watering
- Lake de-silting
- Waste sludge de-watering
- Consolidation of waste
- General sludge de-watering
- Z-Filter equipment rental





Industries served

Industry	Application
Wastewater	<ul style="list-style-type: none"> De-sludging of wastewater ponds and solids de-watering Installation as a primary filter press on a permanent or temporary contract basis
Agriculture	<ul style="list-style-type: none"> Cleaning out of effluent ponds and de-watering of sludge De-watering of the agricultural effluent stream
Mining	<ul style="list-style-type: none"> Pond de-silting and de-watering Tank de-silting and de-watering Sump and bund clean-outs De-watering of underground sludge and settling pond sludge Mineral concentrate and general solids separation Vacuum truck consolidation Drilling mud de-watering Tailings de-watering
Food & Beverage	<ul style="list-style-type: none"> Slurry de-watering and effluent management
General liquid waste	<ul style="list-style-type: none"> General wet solids de-watering and sludge volume reduction Consolidation of sludge waste
Construction	<ul style="list-style-type: none"> Filtration and de-watering of construction water
Oil & Gas	<ul style="list-style-type: none"> Pond de-silting and de-watering Tank de-silting and de-watering Sump and bund clean-outs Drilling mud and cuttings de-watering
Power Plants	<ul style="list-style-type: none"> De-silting of fly-ash ponds Separation of solids and water phase
Civil and Geo-marine	<ul style="list-style-type: none"> Recovery and separation of dredge spoil as an alternative to environmental discharge Recovery and separation of solids from site de-watering
Tunnelling	<ul style="list-style-type: none"> Recovery and separation of silted water generated by the tunnelling process
Quarrying	<ul style="list-style-type: none"> Pond de-silting and de-watering Tank de-silting and de-watering Sump and bund clean-outs De-silting of settling ponds
Drilling	<ul style="list-style-type: none"> Drilling mud and cuttings de-watering Ground water sludge de-watering

