



## SERVICES AVAILABLE

### SLUDGE SURVEYING

We accurately measure sludge levels in treatment lagoons, including the tonnes of dry solids. A report will be provided with plans and cross sections.

### LAGOON DESLUDGING

With earthmoving equipment, a pontoon mixer and dredges varying in size, we can undertake projects of any size.

### DEWATERING

Our highly efficient centrifuges will dewater sludge up to 120 m<sup>3</sup> per hour. Quality centrate will be returned to the lagoon.

### BIOSOLIDS AIRDRYING

Using our specialised windrow turner and earthmoving equipment, we can dry biosolids to meet land application guidelines.

### TRANSPORT

We can transport sludge/biosolids, contaminated soil and prescribed industrial waste with our EPA registered trucks

### LAND APPLICATION

Our spreaders can apply manures and biosolids to land at specific application rates using a specialised GPS system

## LAGOON DESLUDGING

Epsom Environmental Services specialise in desludging and dewatering lagoons and ponds.

For every project we work with our clients in developing the most cost effective, efficient and environmentally friendly approach.

The type of equipment and methodology for desludging is often determined by site access, end use and other client requirements.

We have a variety of equipment available to suit nearly every project, which includes:

- **Mills Engineering 4500**  
The Mills Engineering dredge has a working capacity of 550m<sup>3</sup> per hour. With a 4m wide auger it is able to quickly and effectively remove all sludge and sediment types whilst protecting lagoon banks and floor

- **Sludgemaster 9000**  
The Sludgemaster 9000 is our smaller dredge, perfect for restricted spaces. It has a working rate of 120m<sup>3</sup> per hour with a 2.4m wide auger.
- **Pontoon Mixer**  
Our Pontoon Mixer is a cost effective approach for smaller lagoons and ponds. It generates homogenous sludge in-situ eliminating the need for a dredge and conditioning tank
- **Excavators**  
We have specifically designed attachments for our excavators which enable efficient and effective sludge removal

Call now for more information or a no obligation quote!

Phone: 03 5448 8170