

## Sludge Dewatering Truck



### Description

Centurion Water & Wastewater Solutions' (CWWS) latest innovation is our Self-Contained Dewatering Truck that arrives on-site with an operator to process sludge in an efficient and bio-friendly manner. CWWS' Dewatering Truck removes the water from the sludge creating a bagged biosolid product that can be disposed to landfill making the system more efficient, eco-friendly, cost-effective, and better for your wastewater treatment plants.

Our method preserves the good bacteria required for optimal plant functioning and removes the dead, inert biosolids turning it into a solid disposal form.

Biosolids are the dead, spent bacteria and organic matter produced during the biological treatment of wastewater processing.

### System Functionality

- **Self-Contained Dewatering Unit**  
CWWS' Dewatering Truck is a self-contained operation.
- **Processing Wastewater Treatment Plant Sludge**  
CWWS' Dewatering Truck processes 4,000L of sludge per hour removing the water from the sludge creating a bagged biosolid product (~15% dry solids) for disposal to landfill.
- **The Liquid (Supernatant) Removed is Recycled Back to the Plant**  
The dewatering process allows for the bacteria and liquid to be put back into the plants to maintain the biological system.
- **Upset Process Rectification**  
Bulking Mixed Liquor Suspended Solids (MLSS) can be dewatered directly from reactors or process tanks to maintain optimum operational condition of processes.



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## SAVE \$100,000 PER ANNUM FOR EACH CAMP!

Currently, the popular method of sludge disposal is via vacuum truck that removes not only the biosolids but also the good bacteria, liquid, and supernatant.

Typically, a 10,000L truck will cost \$4,000. A standard camp wastewater treatment plant (200 people) will produce approximately 30,000L of sludge per month (or three vacuum trucks at a cost of \$12,000). Our dewatering truck can process this in a day for a cost of \$3,700. That is a saving of \$99,600 per annum for each camp.\*

*\*These are typical figures to be verified with each client's particular variables.*



For more information on our Sludge Dewatering Truck, please contact your local Centurion Water & Wastewater Solutions representative or email us at [CWWSAU@centurionaprs.com](mailto:CWWSAU@centurionaprs.com).

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