

CASE STUDY | SLUDGE SCREW PRESS

Wastewater treatment plant Yellowstone Park, USA

SLUDGE TREATMENT PROJECT

The client initially used containers and big bags to dewater the sludge produced at the new plant. They have now decided to install a screw press to process all the sludge once a week. This upgrade will save time for the operators and reduce the sludge evacuation costs for the facility.



WWTP Yellowstone, USA 

PROJECT

- Capacity : 18 m³/h | 80 GPM
- Inlet sludge dryness : 2%
- Outlet dryness required : 16%
- Required work time : 5 hours, 1 day per week

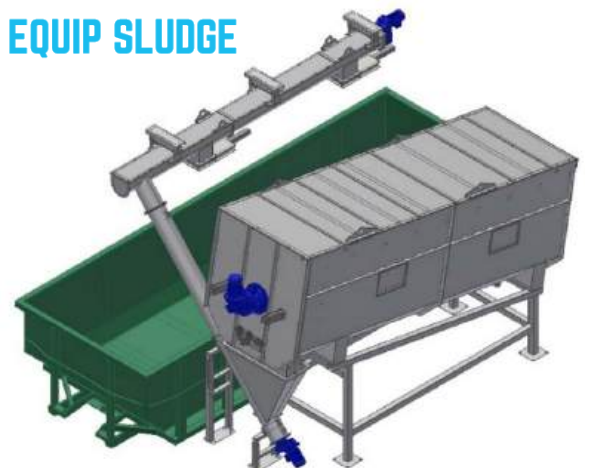


New building

NEW EQUIPMENT

- Screw press
- Inclined conveyor
- Distribution conveyor
- Two gate valves
- Dynamic flocculator
- Poly unit
- Control panel

EQUIP SLUDGE



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INSTALLATION:



EQUIP SLUDGE 1200



BENEFITS:

- ➔ Treats all weekly sludge in one day
- ➔ Sludge distribution with two gate valves
- ➔ Fully enclosed unit
- ➔ Low maintenance requirements

VIDEO IN OPERATION:



<https://youtu.be/GLIFkfejPuE?si=NKso50tLNx5q4SnO>