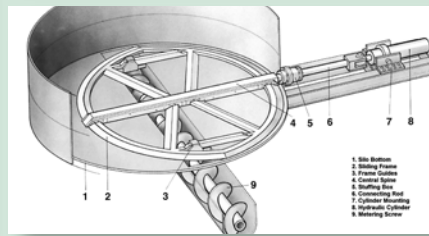




PLANT REPORT



Budd's Farm STC

Portsmouth & Havant Truck Reception Silo

TECHNICAL DATA

Project reference number: SUK 1012	Shell Height: 4m round to square
Year of construction: 2000	Discharge rate: 2 x 5 - 15m ³ /h
Material: De watered sludge cake	Screws: 2 x 400mm dia.
Bulk density: 1025kg/m ³	Drive: 2 x 5.5kW
Dry solids content: 25% DS	Sliding Frame Type: GL-4000-SX-2DE
Silo Type: Truck Reception	Drive: 7.5kW
Capacity: 50m ³	Lid: Aluminium hinged
Diameter: 4m	

The purpose of this plant is to receive de-watered sewage sludge cake into the Budd's Farm Sludge Treatment Centre from its satellite works for onward treatment. The silo is installed in a pit to enable trucks to tip as required in the quickest possible time, with the least possible spillage and odour escape. An odour tight hinged lid opens and closes on demand from the truck driver. The sludge cake is discharged from the silo using the Sliding Frame machine and the two discharge metering screw conveyors. These feed to blending pumps via chute/hoppers. The equipment was supplied to Southern Water via Gleeson ECL.