

Technical Services

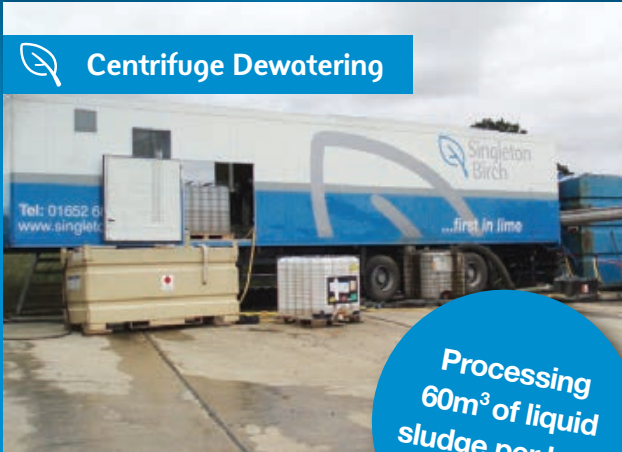
Your challenge... our innovation



Technical Services



Centrifuge Dewatering



Processing
60m³ of liquid
sludge per hour



Centrifuge Dewatering

- ▶ Processes up to 60m³ of liquid sludge per hour
- ▶ Self contained units
- ▶ Easily deployed for emergency and planned dewatering applications
- ▶ Can be combined with other Singleton Birch equipment to provide dewatering and pH lime treatment of sludge
- ▶ Bolt-on pre-lime or post-lime treatment systems available
- ▶ Highly experienced operators
- ▶ Effectively eliminates bacteria present in liquid sludge and waste water



Aqualime Dosing Plant



Rapid
deployment
lift and go!



Aqualime Dosing

- ▶ Fully automated system
- ▶ pH lime correction for liquid sludge, waste water and clean water
- ▶ Dosing rates from 20 ltrs/hr to 3000 ltrs/hr
- ▶ Can be integrated with any SCADA system or equivalent
- ▶ Automatic water flushing system of pipework
- ▶ 30m³ Aqualime tank
- ▶ Onsite automatic dilution system to bespoke lime concentrations
- ▶ Skid mounted



Biosolids Equipment



Auditable
Mobile Treatment
HACCP plan



Biosolids Treatment Services

- ▶ Mobile sludge treatment plants are quickly and easily deployed to customer sites
- ▶ Fast effective Biolime treatment of sludge to meet the ADAS safe sludge matrix requirements
- ▶ Throughputs from 15 wet tonnes to 80 wet tonnes per hour
- ▶ Stockpile and inline processing
- ▶ Fully trained operators



FGT / EfW Services



Reduce
your costs
with our turn-key
services




Vendor Managed Inventory Services



Fully
managed,
guaranteed
supply



Optimisation

- ▶ Minimise reagent usage and increase efficiencies
- ▶ Vast systems and plant experience
- ▶ From delivery point to end of process
- ▶ In house laboratory facilities

Ash Haulage

- ▶ Reduce vehicle movements and maximise load size
- ▶ Fully managed system with agreed performance guarantees
- ▶ Deliver lime and collect ash with the same vehicle

Ash Treatment / Landfill

- ▶ Landfill, treatment or re-use
- ▶ Multiple options available
- ▶ Minimise disposal costs and environmental impact

Silo Monitoring

- ▶ Web based interface, available anywhere
- ▶ Custom alerts and level prompts
- ▶ Fully installed and maintained

Vehicle Tracking

- ▶ Easy load planning
- ▶ Minimise travel distances
- ▶ Real time arrival information

Delivery Planning

- ▶ We maintain your stock levels and organise deliveries
- ▶ Reduce vehicle movements and maximise load size
- ▶ Fully managed system with agreed performance guarantees



For further information about
Singleton Birch Technical services
please visit: www.singletonbirch.co.uk

Engineering Services

Projects

- ▶ From minor to major projects undertaken
- ▶ Process guarantee
- ▶ Design, build, install
- ▶ Consultancy, design and project management
- ▶ Fully trained, competent engineers



Silos

- ▶ Inspection and fault reports
- ▶ Itemised fault rectification
- ▶ Design, installation and feed systems
- ▶ Servicing and maintenance packages

Maintenance

- ▶ Lime dosing system optimisation
- ▶ One off or regular preventive maintenance visits
- ▶ Full systems or individual items



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