MATERIAL CHANGE LIMITED

RESOURCE EFFICIENTY AND CLIMATE CHANGE – MCL12

Material Change Limited operate an open windrow composting site at The Watering Farm, Jacks Green Road, Creeting St Mary, Ipswich, IP6 8ND.

Fuel and Energy

The site operates a number of process machinery including the following:

* Beast high speed shredder runs on white diesel
* Backers starscreen runs on white diesel
* Doppstadt trommel screen runs on white diesel
* 2 x Volvo loading shovels runs on white diesel
* Hyundai Fork lift truck runs on white diesel
* Bagging plant runs on electricity
* Workshop and office runs on electricity

The loading equipment used on site is fitted with energy efficient stop/start systems with a pressure system in the seat so that machines switch off when left idling for more than 5 minutes when unoccupied. The Company carries out toolbox talk with staff enforcing the need to reduce energy usage by switching off equipment, office lighting and heating when the offices are closed.

Water

No mains water is used in the process. Water run-off from the process is contained in an open lagoon along with rainwater and this is recirculated onto the windrows to increase moisture levels when required. It is also used to dampen down roadways to reduce dust and bioaerosols.

Minimal water is used in the offices for toilet flushing, hand washing and making refreshments.

Waste

All waste produced in the office is recycled at source in line with the Waste Hierarchy. Re-fillable printer cartridges are used to reduce carbon emissions. As a company, we recycle organic waste into compost and this is put back onto agricultural land as a soil nutrient.

Contamination removed from inputs are recycled where possible and if not possible, then sent to energy from waste.

Climate Change

Our parent company, Heathpatch Limited are committed to doing what they can to create positive environmental change. Below are only some of our group's brilliant efforts in looking after our planet:

🔋 Material Change operate 10 Anaerobic Digestion plants generating green energy
🌳 20 year plan to regenerate 200 acres of ancient woodland
🌳 15,000 trees were planted in 2020
🌳 Another 10,000 trees being planted every year
🌳 500m of hedgerows being planted
🐸 12 new ponds created and more being restored
🦉 Putting up owl boxes across the farm to an additional reach 30 owl boxes by 2026