



Jever - Bremen Biowaste separation technology



Residual waste feed stockpile - input to dissolvers



Heavy fraction after washing

Plant inputs 80,000 Wet Tonnes/annum
Residual household waste (organic fraction has been removed)
High contaminant level
>50% inert

Separation technology Pre shredding < 60mm
8 x waste dissolvers. High rate disintegration
Heavy fraction washing
Light fraction screening

Digestion, Biogas and Bioenergy engineering 4 x Hydrolysis tanks (1,000m³)
4 x Mesophilic digesters (5,000m³)
Dewatered product to landfill
No requirements for ABPR
2 x 1.2 MWe CHP

Key Benefits Specialist separation plant to remove remaining organic fraction from residual waste
Very high recovery of remaining organic fraction
Primary benefit - Separation technology ensures waste to landfill complies to <5% putrescible organics
Secondary benefit - Clean organic slurry prepared for digestion process

Monsal Limited
Oak House
Southwell Road West
Mansfield
Nottinghamshire
NG21 0HJ
UK

T: +44 (0)1623 429500
F: +44 (0)1623 429505
E: systems@monsal.co.uk
W: www.monsal.co.uk

Power in Partnership

inter-engineering
Frank J. Riadai

