



REFERENCE DOMESTIC & COMMERCIAL WASTE

MANCHESTER BREDBURY PARKWAY MRF



VECOPLAN TECHNOLOGY FOR MSW AND C&I WASTE TREATMENT



The Bredbury Parkway MRF will treat some 110.000 tonnes per year of residual waste as part of a new Mechanical Biological Treatment Facility (MBT). The MRF will recover a high calorific value fuel fraction for energy production, metals for recycling plus an organic fraction. The organic material will be treated by anaerobic digestion using the BTA process, the biogas is converted to green electricity for export and the dewatered digestate dried using waste heat to produce a low calorific value fuel for further energy recovery. In addition odour control and waste treatment will be provided.

VECOPLAN SCOPE

Scope of supply:

- pre-shredder
- screening system to separate organics and high calorific value fuel
- 1 wind sifter and 2 air knives
- re-shredder
- 3 Moving floor bunkers
- complete material handling system consisting of: various belt conveyors, drag chain conveyors, Pulper heavy fraction discharge conveyors, Pulper light fraction discharge conveyor, Moving floor bunker feed and discharge system, Pulper feed system
- 3 ferrous and 2 non-ferrous separation systems
- Structural steelwork, walkways, maintenance platforms
- Project management and engineering

VECOPLAN CLIENT:

Enpure Limited

Enpure House

Woodgate Business Park
Kettleswood Drive
Birmingham, B32 3DB

End user:

Viridor Laing