

Greater Manchester's Recycling and Waste Management Contract

This is Europe's largest combined recycling, waste and renewable energy project and handles 5% of the UK's municipal waste. Viridor Laing (Greater Manchester) Limited (VLGM) was appointed by the Greater Manchester Waste Disposal Authority (GMWDA) in April 2009 to facilitate the £3.8 billion contract in order to provide a world-class solution for Greater Manchester's waste.



Working together

VLGM is a joint venture between Viridor, a leading UK recycling, waste management and renewable energy company which currently handles 9.9 million tonnes of waste per year; and John Laing PLC, a leading investor, developer and operator of privately financed public sector infrastructure projects.

GMWDA is the largest of the English waste disposal authorities, providing services for more than one million households across nine Districts: Bolton, Bury, Manchester, Oldham, Rochdale, Salford, Stockport, Tameside and Trafford.

 **recycle** for Greater Manchester

Greater Manchester's Recycling and Waste Management Contract



Our targets

- A recycling and composting rate of at least 50% by 2015
- Reducing waste sent to landfill by at least 75% by 2015
- Reducing waste growth to 0% per annum by 2020

The contract involves an enormous £631 million construction programme to create a network of state-of-the-art waste and recycling facilities across the Greater Manchester area by 2014, and is retaining over 5,000 construction jobs in the process. A total of 42 facilities are being built from scratch or revamped.

Greater Manchester's Recycling and Waste Solution

Household Waste Recycling Centres (HWRCs)

The network of HWRCs has seen a major overhaul including new sites and upgraded facilities, to ensure the facilities are user friendly and help to maximise recycling.

Materials Recovery Facility (MRF)

A brand new MRF located at Longley Lane, Manchester is capable of processing 90,000 tonnes of material each year. It will sort cans, glass and plastic bottles from the kerbside collections across the Greater Manchester area.

Mechanical Biological Treatment (MBT) and Anaerobic Digestion (AD)

Five new MBT facilities four with AD will be used to treat household residual waste from across the area.

Solid Recovered Fuel (SRF)

Approximately 275,000 tonnes of High Calorific Value Solid Recovered Fuel (HCV-SRF) from the MBT/AD process will travel by rail to be used in a Combined Heat and Power (CHP) facility at Ineos Chlor in Runcorn.

Energy from Waste (EfW)

The EfW facility at Bolton will continue to operate and produce enough electricity to power 7,000 homes as well as the facility itself.

In-Vessel Composting (IVC)

Four enclosed IVC facilities will treat kitchen and garden waste collected from Greater Manchester households to produce a quality compost for horticulture and agriculture.

Green Waste Shredding (GWS)

The two existing facilities located at Every Street, Bury and at Longley Lane, Manchester have been upgraded and improved.

Transfer Loading Stations (TLS)

The transfer loading stations, which provide services for collection vehicles and high sided vehicles will be upgraded - or new ones created - at: Raikes Lane, Bolton; Every Street, Bury; Arkwright Street, Oldham; Chichester Street, Rochdale; Cobden Street, Salford; Bayley Street, Tameside; and Bredbury Parkway, Stockport.

Education Centres

A total of four centres located at Raikes Lane, Bolton; Bredbury Parkway, Stockport; Pilsworth, Bury and Longley Lane, Manchester, will deliver high quality, fun and interactive session and site visits to schools and community groups.



For more information, please visit : www.recycleforgreatermanchester.com or contact:

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