

**EXISTING INFRASTRUCTURE**

**B.1 Existing Municipal Waste Management Infrastructure**

Appendix A provides a detailed description of the services provided by the WCA's. This Appendix and the accompanying schedules set out a description of the major facilities provided under contract to support the operation of current services, including indications of the capacity, throughput and lifespan of the facilities (where appropriate). The existing municipal waste management infrastructure is summarised in the table below.

**Table B/1 : Existing Municipal Waste Management Infrastructure**

			<b>Further Detail</b>
Vehicles used for existing collections		Type	Appendix A
Home compost bin		-	Appendix A
Bring Banks		Location (WCA) Materials collected	Appendix A
MRF's	4	Location Capacity Throughput Lifespan	Schedule A
Transfer Stations	3	Location Capacity Throughput Lifespan	Schedule B
Civic Amenity Sites	26	Location Capacity Households within 2.5-5.0 Materials collected	Schedule C
Bulking facilities	3	Location Type Capacity Throughput	Schedule D
Composting facilities	-	Location Type Capacity Throughput Lifespan	Schedule E
Residual waste treatment facilities	1	Location Type Capacity Throughput Lifespan	Schedule F
Facilities for dealing with outputs/ residues from residual waste treatment plants	-	Location Capacity Throughput Lifespan	Schedule G
Hazardous/difficult wastes management facilities	-	Location Type of materials treated/disposed	Section 4
Reprocessing facilities for recyclables	-	Location Type of materials reprocessed	Section 4
Landfill facilities	-	Lifetime of secured void-space	Schedule H

The attached schedules contain details of the infrastructure summarised in Table B/1.

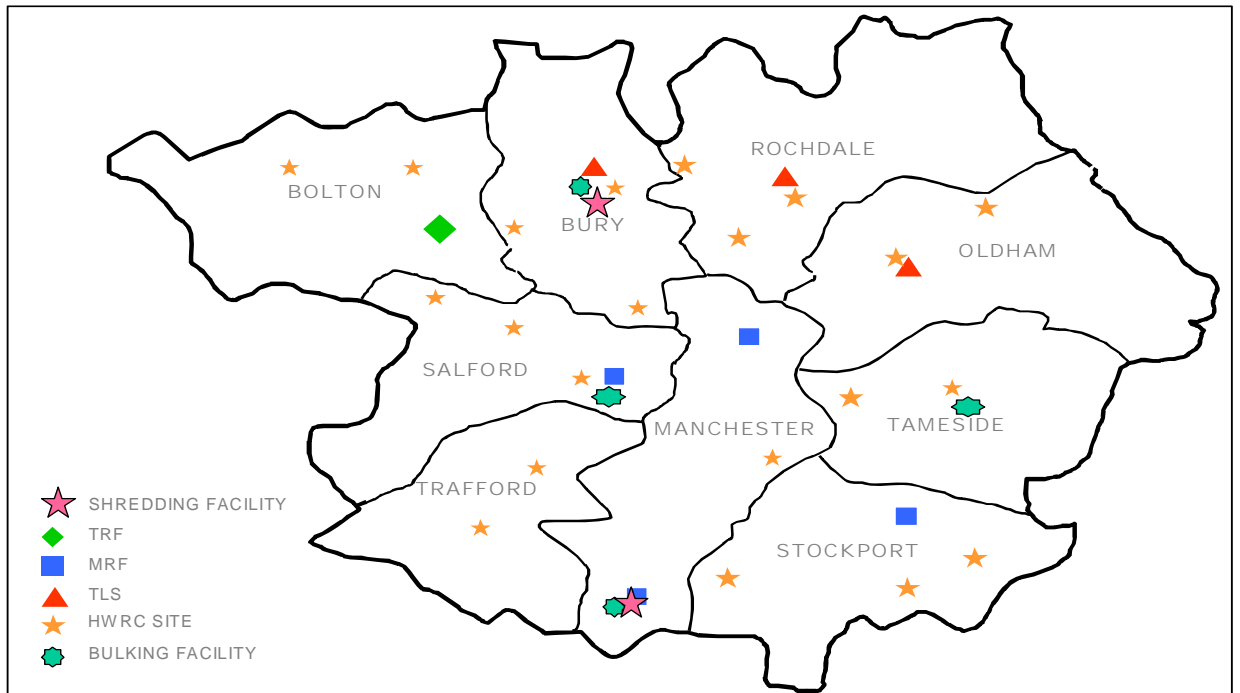
There is reference in the schedules to waste types accepted at individual facilities. For the purposes of these schedules:-

- “Household waste” means those wastes which consist primarily of weekly WCA collected household waste delivered by refuse collection vehicles, with some commercial and industrial wastes delivered as mixed collections.
- “Bulky waste” means those wastes which consist of WCA collected bulky household wastes and quantities of commercial and industrial wastes, delivered separately or as mixed loads, and includes street cleansing wastes and fly tipped materials.
- “Civic waste” means unwanted wastes delivered by members of the public to civic amenity sites, and excludes green garden wastes, dry recyclables and rubble etc recovered from recycling facilities within civic amenity sites.
- “Green waste” means unwanted household garden sourced clippings, trimmings etc collected by WCA’s or delivered by members of the public to recycling facilities within civic amenity sites.
- “Dry recyclables” means household sourced dry recyclables collected by WCA’s or delivered by members of the public to recycling facilities within civic amenity sites.
- “Rubble” means household sourced rubble (brick, stone, concrete etc) delivered by members of the public to recycling facilities within civic amenity sites.

## B.2 Map of Major Facilities in Greater Manchester WDA Area

For illustration, the following map identifies the location of major municipal waste management facilities within Greater Manchester.

**Figure B/2 Map of Facilities in Greater Manchester**



## **B.3 Facilities in Planning Process**

### *Materials Recovery Facility*

- B.3.1** The GMMWMS and the Business Case for the PFI Contract outlines the need to provide between four and six MRF's for the sorting of co-mingled dry recyclables. Lead times for the provision of facilities under the PFI contract could place the GMWDA at risk under the LATS, if facilities are not provided by 2009/10.
- B.3.2** Discussions are taking place with the WCA's regarding the early introduction of an MRF and the development of an outline business plan which will require the support of the partnership and an agreement to guarantee recycle for processing through the MRF. Funding of the investment forms part of the considerations.

### *Composting Facilities*

- B.3.3** Proposals being pursued by the GMWDA potentially involving the procurement of capacity to deal with the composting of in excess of 25,000 tonnes of HWRC/WCA sourced green waste are referred to in Section 4.6 of the Baseline Report.

### *Household Waste Recycling Centres*

- B.3.4** The GMWDA's capital programme for 2006/07 and beyond contains an uncommitted provision for the construction of replacement HWRC facilities at at least two locations, yet to be identified, as part of the MWMS implementation and to complement the PFI contract.

### *Landfill*

- B.3.5** At the time of preparation of this report, the Authority is in the process of procuring capacity to meet its landfill requirements to dispose of non-hazardous wastes for a five year period, with effect from April 2008.

