

# **Appendix B - Waste Growth Projections**

## Estimated Growth in Municipal Waste

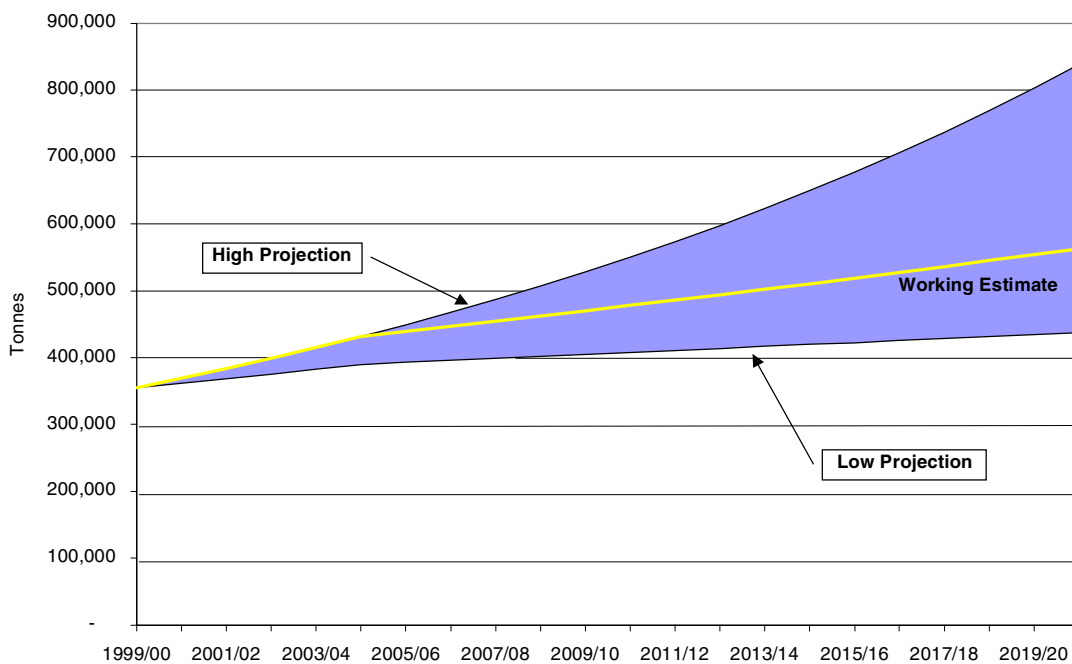
### Household Waste

As part developing the Strategy an analysis of the past trends in waste generated per household was carried out at an individual Council level for the period 1995/96 to 1999/00. This was combined with projected increases in the number of households up to 2020 to enable predictions on future waste growth rates to be calculated for waste planning purposes.

High and low projections were developed for each District/Borough, the high projection was based on a 5-year trend and the low projection on a 3-year trend in waste arisings. The high and low projections both assume a continual increase in arisings, however waste arisings have the potential to stabilise as a result of initiatives by the Councils and a possible reduction in the level of packaging in the waste stream as a result of producer responsibility legislation. Therefore an additional projection was calculated which assumes that the change in waste per household will follow the high projection until 2005 and then stabilise at 1% per annum from 2005/06. This 'working estimate' was agreed at the Officer meeting on the 13<sup>th</sup> October 2000 and forms the basis of work undertaken to develop the Strategy.

Figure 1 shows the high, low and 'working estimate' waste arising projections and Table 1 presents the 'working estimate' projections in the key target years.

**Figure 1.1: Projected Municipal Waste Arisings**



**Table 2.1: Summary of Municipal Waste Arisings in Key Target Years**

	2003/04	2005/06	2010/11	2013/14	2020/21
<b>Household Waste</b>	390,000	414,300	453,100	477,400	538,400
<b>Municipal Waste</b>	414,700	434,000	477,800	502,100	563,100

### **Non-household Municipal Waste**

The quantity of non-household municipal waste collected by the Districts/Boroughs has not been projected against household changes because there are a number of other factors which will have a greater affect on the quantity of trade waste collected, including:

- the state of the local economy
- service offered by the Districts/Boroughs
- efforts made by the Districts/Boroughs to further develop trade waste collection services

Therefore it was assumed that the quantity of non-household municipal waste collected by the Districts/Boroughs will remain constant at approximately 25,000 tonnes per annum.