



## Waste Materials – Density Data

| Waste Material                      | Density - kilograms per cubic metre |        |           |
|-------------------------------------|-------------------------------------|--------|-----------|
|                                     | Low                                 | Medium | Compacted |
| Paper                               | 76                                  | 152    | 228       |
| Cardboard – Compacted Dry           | 130                                 | 130    | 130       |
| Cardboard - Compacted Wet           | 260                                 | 260    | 260       |
| Cardboard - Loose Dry               | 55                                  | 55     | 55        |
| Cardboard - Loose Wet               | 190                                 | 190    | 190       |
| Cardboard - Waxed                   | 55                                  | 92     | 130       |
| Food - Kitchen                      | 343                                 | 514    | 1029      |
| Food - Dense                        | 514                                 | 1029   | 1029      |
| Vegetation - Garden                 | 91                                  | 227    | 445       |
| Garden - Grass                      | 91                                  | 227    | 445       |
| Garden - Trees                      | 150                                 | 450    | 900       |
| Wood - Timber                       | 156                                 | 156    | 156       |
| Wood - Pallets                      | 156                                 | 156    | 156       |
| Wood - Furniture                    | 160                                 | 170    | 400       |
| Wood - Fencing                      | 170                                 | 170    | 170       |
| Wood - MDF                          | 156                                 | 156    | 156       |
| Wood - Posts                        | 900                                 | 1000   | 1100      |
| Leather - Textiles Furniture        | 90                                  | 100    | 450       |
| Leather - Textiles                  | 91                                  | 91     | 240       |
| Leather - Textiles Car              | 100                                 | 150    | 350       |
| Mattress                            | 50                                  | 50     | 50        |
| Foam                                | 30                                  | 30     | 90        |
| Tyres - Rubber                      | 200                                 | 200    | 400       |
| Other - Rubber                      | 200                                 | 200    | 400       |
| Glass                               | 411                                 | 411    | 411       |
| Glass Jars                          | 250                                 | 250    | 411       |
| Plasticbags                         | 39                                  | 78     | 156       |
| Plastic - Hard                      | 72                                  | 72     | 72        |
| Polystyrene                         | 14                                  | 21     | 28        |
| Garbage Bags                        | 87                                  | 170    | 348       |
| Metal - Ferrous                     | 120                                 | 120    | 120       |
| Metal - NonFerrous                  | 139                                 | 139    | 139       |
| Low Level Contaminated Soil         | 922                                 | 922    | 922       |
| Cleanfill / Soil                    | 950                                 | 950    | 950       |
| Rubble                              | 1048                                | 1048   | 1048      |
| Clay                                | 1150                                | 1150   | 1150      |
| Concrete                            | 830                                 | 830    | 830       |
| Tiles                               | 900                                 | 1500   | 2000      |
| Bricks                              | 828                                 | 828    | 828       |
| Sand                                | 1000                                | 1000   | 1000      |
| Asphalt                             | 680                                 | 680    | 680       |
| Plasterboard                        | 227                                 | 227    | 227       |
| Linoleum                            | 100                                 | 150    | 350       |
| Insulation                          | 60                                  | 100    | 350       |
| Clinical Waste                      | 227                                 | 227    | 227       |
| Electronics                         | 105                                 | 113    | 120       |
| Whitegoods                          | 105                                 | 113    | 120       |
| Batteries                           | 900                                 | 1000   | 1500      |
| Fluorescent Tubes                   | 285                                 | 285    | 285       |
| Sawdust                             | 250                                 | 300    | 350       |
| Cement Sheets                       | 830                                 | 830    | 830       |
| Hospital General Waste Garbage Bags | 87                                  | 170    | 348       |