GAP

Sponsored by/ Commandité par CSR

A Protocol to Measure Municipal Solid Waste

# Residential Waste Flow Chart – Harlow 2001/02

August 13. 2003

**A.1 Local Authority Cluster**
xxx

**A.2 Population & Household Data**
Total Households = 34,185
Total Population = 76,000

**B.2 Percentage of Population Served by Kerbside Collection of Recyclables or Within 1 km Radius of a Recycling Centre (BV 91)**
100 %

**B.3 Number of Bring Sites**
20

**C.1 Number of Civic Amenity (CA) Sites or Household Waste Recycling Centres (HWRCs)**
xxx

**C.2 Density of CA Sites/ HWRCs/Bring Sites**
1,709 hhds/site

**C.3 Re-used Waste Material at CA Sites or HWRCs**
xxx tonnes

**D.1 Routine Household Refuse Collection**
23,569 tonnes

**D.2 Bring Sites**
1,511 tonnes

**D.3 Kerbside Dry Recyclables**
696 tonnes

**D.4 Kerbside Source Segregated Organics**
304 tonnes

**D.5 Bulky Household Waste & Special Collections**

| | Tonnes |
|---|---|
| **RECYCLED:** | |
| Bulky Goods | xxx |
| WEEE & White Goods | xxx |
| Other/Weekend Skips | xxx |
| **DISPOSED:** | |
| Bulky Waste | 1,567 |
| HHW & Clinical Waste | xxx |
| Street Cleansing & Litter | xxx |
| Other | xxx |

**E.1 CA Sites or HWRCs**

| | Tonnes |
|---|---|
| Total CA Waste | xxx |
| Household Refuse | xxx |
| Dry Recyclables | xxx |
| Green Waste | xxx |
| Wood/Timber Waste | xxx |
| Scrap Metal / White Goods | xxx |
| Household Hazardous Waste | xxx |
| Batteries | xxx |
| Oil | xxx |
| Other (eg rubble) | xxx |

**E.2 Diversion Via 3rd Parties Receiving Recycling Credits**
xxx

**E.3 Total Household Waste For Treatment and/or Disposal**

| | Tonnes |
|---|---|
| Routine Refuse Collection | 23,569 |
| Bulky hhd Waste/Special | 2,115 |
| From CA Sites | xxx |
| Total | 25,684 |

**F.1 MRF Processing of Dry Recyclables**

| | Tonnes |
|---|---|
| Input | xxx |
| MRF Product Marketed | xxx |
| Residue (%) | xxx |

**F.2 Composting of Green Waste & Kitchen Waste**

| | Tonnes |
|---|---|
| Input | 304 |
| Compost Product to Market | 304 |
| Residue (%) | xxx |
| Moisture/Gas By-product | N/A |

**F.3 Household Hazardous Waste Treatment/Reuse/ Recycling**
Disposal xxx

**F.4 Household Waste Incineration & EFW**

| | Tonnes |
|---|---|
| Input | xxx |
| Moisture/Volume Loss (%) | xxx |
| Residual/Bottom Ash (%) | xxx |
| Fly Ash (%) | xxx |
| Recyclables marketed (%) | xxx |

**F.5 Household Mixed Waste Processing**

| | Tonnes |
|---|---|
| Processed | xxx |
| Recyclables Marketed (%) | xxx |
| Compost Product (%) | xxx |
| Residue (%) | xxx |
| Moist./Gas By-product (%) | xxx |

**G. Materials Collected by a Local Authority, Excluded From the BVPI Calculation of Household Waste Diversion**

| | Tonnes |
|---|---|
| Trade/commercial Waste | 2,927 |
| Incinerator Residues | xxx |
| Beach cleansing Waste | xxx |
| Rubble, hardcore &soil | xxx |
| Home Composted Waste | xxx |
| Fly tippedGoods | 93 |
| Abandoned Vehicles | 1,240 |
| Re-used materials | xxx |
| Total municipal Waste | 32,456 |

**H.1 Households Dry Recyclables Diverted**
2,208 tonnes
64.6 kg/hhd
7.8 %

**H.2 Household Organics Diverted**
304 tonnes
8.9 kg/hhd
1.1 %

**H.3 Household EFW Mass Reduction**
xxx tonnes
xxx kg/hhd
xxx %

DIVERSION

**H.5 Household Waste Incineration & EFW**
xxx tonnes

**H.6 Household Mixed Waste Procesing**
xxx tonnes

RECOVERY

**H.4 Household Hazardous Waste Disposal**
xxx tonnes
xxx kg/hhd
xxx %

**H.7 Landfill of Household Waste**

| | Tonnes |
|---|---|
| Refuse | 23,569 |
| From CA sites | xxx |
| Processing Residues | xxx |
| Bulky & other Goods | 2,115 |
| Total | 25,684 |

DISPOSAL

**Summary**

| | | |
|---|---|---|
| Household Waste Generation for BVPI Purposes | 28,196 | tonnes |
| Household Waste Generation | 825 | kg/hhd |
| Household Waste Diversion | 73 | kg/hhd |
| Household Waste Disposal | 751 | kg/hhd |
| Diversion Rate | 8.9 | % |