GAP

Sponsored by/ Commandité par CSR

A Protocol to Measure Municipal Solid Waste

Residential Waste Flow Chart – Basildon 2001/02

August 13. 2003

A.1 Local Authority Cluster
xxx

A.2 Population & Household Data
Total Households = 71,868
Total Population = 167,000

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
86

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

C.2 Density of CA Sites/ HWRCs/Bring Sites
836 hhds/site

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

D.1 Routine Household Refuse Collection
63,778 tonnes

D.2 Bring Sites
5,172 tonnes

D.3 Kerbside Dry Recyclables
3,192 tonnes

D.4 Kerbside Source Segregated Organics
1,863 tonnes

D.5 Bulky Household Waste & Special Collections

	Tonnes
RECYCLED:	
Bulky Goods	xxx
WEEE & White Goods	225
Other/Weekend Skips	12
DISPOSED:	
Bulky Waste	xxx
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
hhd 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	63,778
Bulky Hhd Waste/Special	xxx
From CA Sites	xxx
Total	63,778

F.1 MRF Processing of Dry Recyclables

	Tonnes
Input	3,192
MRF Product Marketed	3,192
Residue (%)	xxx

F.2 Composting of Green Waste & Kitchen Waste

	Tonnes
Input	3,268
Compost Product to Market	3,268
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	xxx
Incinerator Residues	xxx
Beach cleansing Waste	xxx
Rubble, hardcore &soil	xxx
Home Composted Waste	xxx
Fly tippedGoods	xxx
Abandoned Vehicles	xxx
Re-used materials	xxx
Total municipal Waste	74,243

H.1 Households Dry Recyclables Diverted
7,196 tonnes
100.1 kg/hhd
9.7 %

H.2 Household Organics Diverted
3,268 tonnes
45.5 kg/hhd
4.4 %

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	63,778
From CA sites	xxx
Processing Residues	xxx
Bulky & other Goods	xxx
Total	63,778

DISPOSAL

Summary

Household Waste Generation for BVPI Purposes	74,243	tonnes
Household Waste Generation	1,033	kg/hhd
Household Waste Diversion	146	kg/hhd
Household Waste Disposal	887	kg/hhd
Diversion Rate	14.1	%