



# WASTE DISPOSAL IN ANGUILLA 2001-2004

## What is Waste Disposal?

The depositing of waste from domestic, industrial or agricultural sources on a dump.

## What is a Landfill?

Landfill is any site on or under the surface of land where waste is deposited.

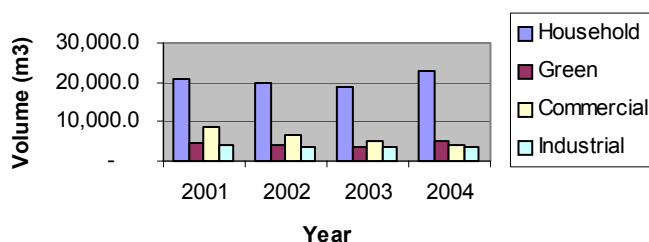
The Statistics Department collects monthly data from the Environmental Health Unit on waste disposal quantities and types. Quantities received are categorised under the following headings:

- Household
- Green
- Commercial
- Industrial

## Examples of Waste By Categories

- Household waste includes *food scraps, paper wrappings, fruit and vegetative matter, tins and bottles.*
- Green waste includes *garden waste & tree trimmings.*
- Industrial waste includes *galvanize sheets, bedsteads, iron, old stoves, refrigerators, washing machines, derelict vehicles, old metal drums, steel bush leaves etc.*
- Commercial waste includes *unused blocks, bricks, concrete materials, tiles, old lumber, pallet boards, foam, sponges wood drawers, chest of drawers, cupboards etc.*

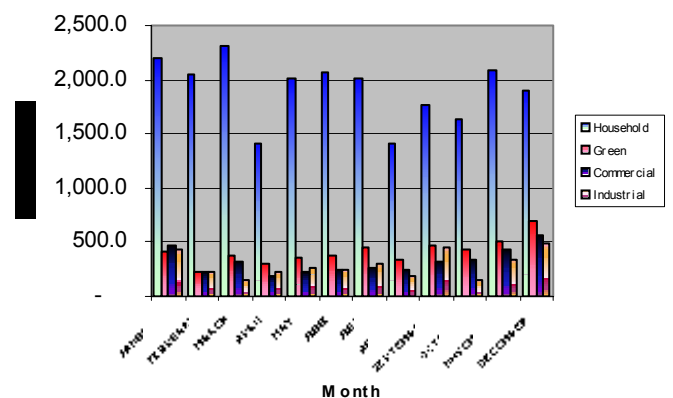
Figure 1: Corito Landfill Site Waste Disposal Volume (m<sup>3</sup>) annually 2001-2004



## Did you Know?

- Waste data is presented in volume and mass (metric tonnes). The mass (metric tonnes) is calculated by taking the total volume (m<sup>3</sup>) and multiplying it by 150 (this is density that is assumed to be 150 kg/m<sup>3</sup>) and then dividing by 1000.
- When dumping waste at Corito Landfill it is advised by the Environmental Health Unit to follow the signs and dispose of garbage in the correct area.
- In accordance with Section 3 (1) (d) of the Litter (Abatement) Ordinance 1987, which states “no person shall transport litter (garbage) in such a manner that it is scattered or likely to be scattered in a public place while it is being transported”.
- When transporting Solid Waste in open trucks persons are expected to have it covered at all times.
- Persons not in accordance with Section 3 (1) (d) will be subjected to being ticketed and or prosecuted by Environmental Health Officers, members of the Police Force and any other appointed Litter Warden.

Figure 2: Corito Landfill Site Waste Disposal for 2004



**HOUSEHOLD WASTE:** Figure 1 shows that the most waste disposed on Anguilla is obtained from households. This is demonstrated over the period 2001 to 2004. Household waste over the four year period continued to be the type of waste most disposed. During the period under review the contribution of this type of waste to total waste disposed moved from 54.90% in 2001 to 65.04% in 2004.

**COMMERCIAL WASTE:** With the exception of 2004, commercial waste was the second highest category of waste disposed. While there has been a decline in commercial waste contribution to total waste from 22.45% in 2001 to 10.92% in 2004, this category of waste continued to outrank the green and industrial categories.

**GREEN WASTE:** Between the years of 2001 and 2002, this category experienced a minimal increase in contribution of 0.42%. However in 2003, waste disposal in this category contributed 11.88% to the total waste disposed, a small decrease from 12.00% in 2002. Notwithstanding this decrease, in 2004 green waste was catapulted to the position of second highest contributing category with a total of 14.10% of all disposed waste.

**INDUSTRIAL WASTE:** Industrial waste fluctuated between a contribution of 11.12% to 9.93% of total waste disposed during the period under review.

**2004 ANALYSIS:** Figure 2 shows household waste data fluctuating from month to month during the year 2004, as well as the other categories. The fluctuation that occurred in April could have been due to the lull of the Tourism Season and travelling during the Easter for various activities and functions. August decline in household waste could have also been due to the closure of Tourism related businesses (hotels and restaurants) and summer vacation (students are out of Anguilla). The boost within the last two months of the year in all categories could have been attributed to the Airport expansion and other activities happening on the island at such time.