



# Solid Waste Management

## Present State in Belize

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# BACKGROUND

- It is estimated that Belize produces over **200,000** tons of solid waste annually from domestic households and commercial establishments
  - *This means that each person living in Belize produces approximately 2-3 pounds of solid waste every day.*

# LEGISLATION

- Belize has sufficient for management but needs to be more integrated, taking into consideration, development, urbanization, population explosion, recycling programmes and energy production from waste.
- Some of these legislations are:
  - **Public Health Act (1958)**
  - **Solid Waste Management Authority Act (1991)**
  - **Environmental Protection Act (1992)**
  - **Removal of Refuse By-Laws (Local Government)**
  - **Summary Jurisdiction - Anti-Litter Regulations (4)**



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Pointer 17°29'54.92" N 88°12'10.77" W elev 8 ft

Streaming III.IIII 87%

Eye alt 15660 ft



# Solid Waste is currently being disposed of









# Rivers and Streams



# Sensitive Areas



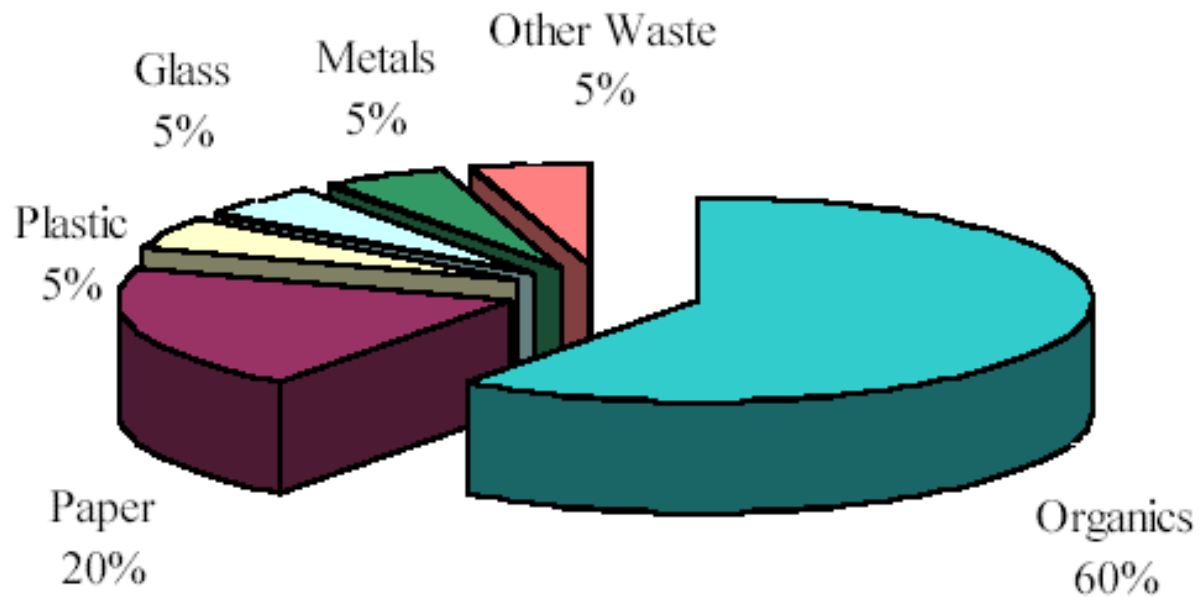


# Incompatible

- **Health**
  - **Increased Spread of Diseases**
- **Tourism**
- **Sustainable Development**
  - **Poor Economic and Social Performances**

# Composition of Waste

Composition of Municipal Waste, 1997, percent



## Method of Household Waste Disposal by Area, 1999 - 2000, (%)

	1991			2000		
Waste Disposal Method	Urban	Rural	Total	Urban	Rural	Total
Burn It	3	61	31	3	63	33
Bury It	0	7	4	0	3	2
Dump it in Own Yard	2	4	3	2	7	4
Municipal Collection	86	11	49	92	10	51
Illegal (Public) Dump	7	14	10	2	15	8
Thrown into Stream/Sea	0	1	0	0	1	0
Other	0	3	1	0	1	1
Not Stated	1	1	1	0	0	0
Total	100	100	100	100	100	100
<b>Total Households</b>	<b>27,220</b>	<b>26,600</b>	<b>53,820</b>	<b>25,909</b>	<b>26,036</b>	<b>51,945</b>

**Methane Gas release study is presently underway and the report should be ready by next month.**

**Also, the construction of the new Sanitary Landfill has commenced and is expected to be completed by October 2007.**

**THANK YOU!!!  
GRACIAS!!**