

ENVIRONMENTAL MANAGEMENT

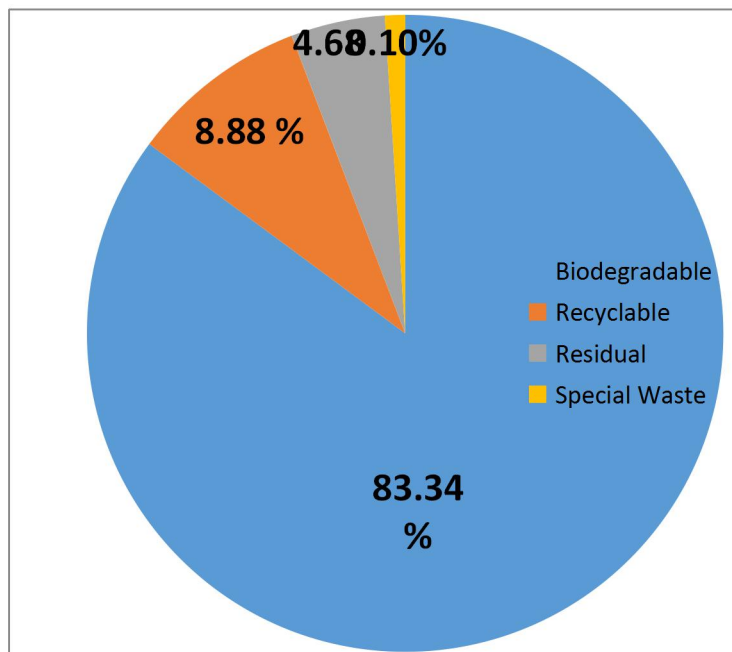
# Ecological SOLID WASTE MANAGEMENT

CITY OF CALAPAN



**Table 3 : Summary of household and Non-Household Waste Generation in Calapan City**

Waste Source	Total	% By Source	Waste Composition								Diversion by Source
			Biodegradable		Recyclable		Residual		Special Waste		
			Total Daily Weight	% by Source	Total Daily Weight	% by Source	Total Daily Weight	% by Source	Total Daily Weight	% by Source	
Households	258.00	4.53	278.55	3.48	53.40	6.49	86.05	19.82			79.41
Public Market	7,310.15	78.88	7,061.70	88.26	189.85	23.08	58.60	13.50			99.20
Food Establishments	127.60	1.38	90.70	1.13	23.25	2.83	13.65	3.14			89.30
General Stores	117.85	1.27	21.70	0.27	57.55	7.00	36.50	8.41	2.10	23.60	67.25
Industries	158.80	1.71	18.60	0.23	99.40	12.08	34.00	7.83	6.80	76.40	74.31
Institutions	429.90	4.64	199.10	2.49	135.60	16.49	95.20	21.93			77.86
Recreation Centers											
Service Centers	1,200.00										
Health-Related Sources	240.90										
Slaughterhouse	704.15	7.60	330.60	4.13	263.50	32.03	110.05	25.35			84.37
<b>TOTAL</b>	<b>10,547.35</b>	100.01	<b>8,000.95</b>	99.99	<b>822.55</b>	100.00	<b>434.05</b>	99.98	<b>8.90</b>	<b>100.00</b>	<b>571.70</b>
<b>% to TOTAL</b>			<b>86.34</b>		<b>8.88</b>		<b>4.68</b>		<b>0.10</b>		<b>100.00</b>



*Fig. 1. Household and Non-Household Waste Generation in Calapan City*

**Inventory of SWM Equipment and Staff as of 2016**

<b>Total Area of Batino Disposal Facility</b>	<b>14.9 hectares</b>
Sanitary Landfill Area	1.5 hectares
Controlled Disposal Area (for rehabilitation)	1.5 hectares
Reserved Area for Disposal	11.5 hectares
Volume of waste collected daily	50-80 tons
Solid waste collected annually	18,250 – 29,200 tons
Materials Recovery Facilities (MRF)	142

<b>Compactor</b>	0 units (4 Tons Capacity)
<b>Hauling trucks</b>	10 units (2 Units – 5 Tons Capacity; 8 Units-8 Tons)
<b>Batino Disposal Facility Staff</b>	77
<b>Solid Waste Management Staff:</b>	
<b>Streetsweepers</b>	101
<b>Garbage collectors</b>	67
<b>Garbage Truck drivers</b>	10
<b>SWM FUND:</b>	
<b>Budget Allocation</b>	Php 30, 000, 000.00
<b>SERVICE AREAS</b>	
<b>Total No. of Barangays</b>	62
<b>Active SWM Percentage</b>	82.23 %