



# BATANGAS STATE UNIVERSITY'S (BATSTATEU'S) POLICY GUIDELINES FOR SUSTAINABLE DEVELOPMENT



1.7.5. The use, sale and entry of any products in sachet packaging are discouraged when alternative packaging such as bottles are available for the same product.

1.7.6. The use of non-refillable whiteboard and permanent markers is strongly discouraged.

**1.8 Solid Waste Management.** This policy and guidelines shall cover the generation, collection, handling, storage, transport, treatment and disposal of solid and hazardous wastes, tracking and other general wastes and the management of the wastewater generated in the university.

### **1.8.1 Solid Waste**

#### *1.8.1.1 Generation*

- a) Items to be purchased by the University shall be environmentally- acceptable, durable and cost effective so as to minimize waste generation.
- b) Procurement of items for the University's Operation shall be in bulk order to avoid excessive packaging materials to be disposed of.
- c) Packaging products to be used, foods to be sold shall be of recyclable and/or reusable type.
- d) The waste shall be segregated from the source of generation
- e) Waste generated shall be recorded and updated as basis in compliance with Ecological Solid Waste Management Act of 2000
- f) Food waste shall not be accessible to stray animals and pests. Moreover, it is prohibited to feed the stray animals with any type of food or waste.
- g) Students, faculty members, staff and university personnel must be familiar with the importance of segregation and waste reduction through various information and education activities to include online infographics, webinars/seminars, workshops and other Information Education Campaign approaches.

#### *1.8.1.2 Collection*

- a) A four bin – system shall be located strategically on university grounds and buildings. Green for Biodegradable Wastes, Blue for Recyclable Wastes, Black for Residual Wastes and Yellow for Infectious Wastes. Each trash bin

shall be provided with a trash bag and shall be properly labeled to indicate specific wastes to be contained for a more efficient waste segregation.

- b) The strategic location of bins on university grounds will serve as the waste collection point. For the buildings and other facilities, a waste collection point shall be established for a more organized collection method.
- c) For the collection of food wastes, specified trash bin shall be provided for university canteens and for every office.
- d) GSO personnel shall be in PPEs (gloves, face masks) to avoid exposure to possible-disease causing microorganisms.
- e) Wastes shall be collected by the janitors from the bins and collection points and be brought to the Materials Recovery Facility or any equivalent facility.
- f) Wastes generated from trimming, landscaping and the like shall not be part of the containers positioned in collection points. A plastic or other approved container shall be used to avoid overloading the capacity of the positioned bins. This container shall not contain non-biodegradable wastes and must be brought to the composting area.
- g) Trash Bins shall be ensured to be properly covered at all times
- h) Periodic trash bin inspection shall be conducted by the EMU to monitor proper segregation of wastes.
- i) Periodic waste collection must be observed by the GSO personnel, or at maximum capacity of the bins.

#### *1.8.1.3 Transport (From Collection Bins to the MRF)*

- a) The GSO personnel shall be in PPE during the transport of collected wastes from trash bins and collection points to the MRF or any equivalent facility
- b) Proper equipment for the transport of waste from collection point to MRF shall be provided and be used for a more efficient waste transport.

#### *1.8.1.4 Handling, Processing and Storage*

- a) A Materials Recovery Facility (MRF) that is strategically located, properly designed and equipped shall be provided for each campus (Extension and Constituent Campuses)
- b) All waste generated (excluding hazardous waste) shall be brought and be processed to the MRF. It shall be weighed and be recorded.



## **FOOD WASTE REPORT**

**FY 2023**

**2.06 mt**

TOTAL FOOD WASTE GENERATED

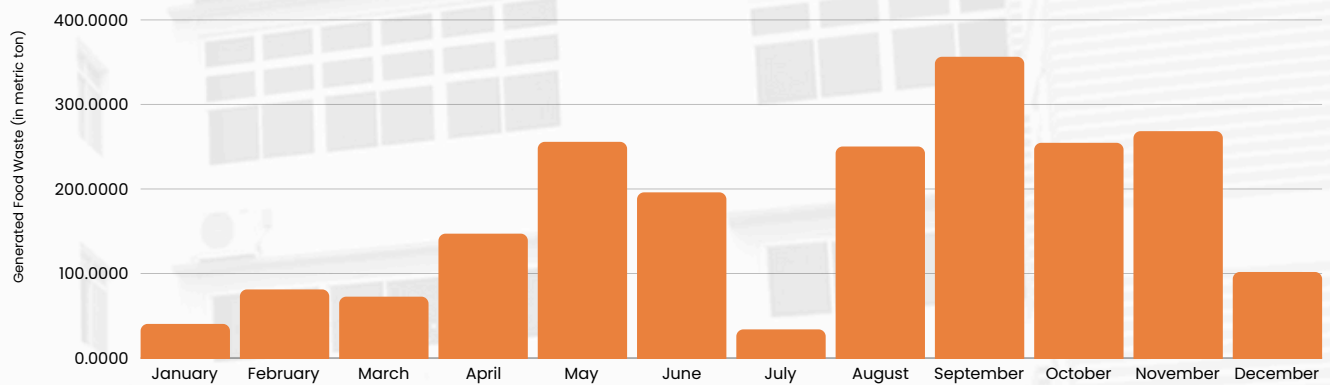
**64,310**

CAMPUS POPULATION

**0.03203 kg**

FOOD WASTE PER CAPITA PER ANNUM

In 2023, the University produced 2.06 metric tons of food waste throughout its campuses. The measurement of this food waste was conducted in the campus canteens. The relatively small quantity of food waste can be linked to the implementation of a hybrid learning approach, which combines in-person and online learning for students.



**Food Waste Generated per Month**

The highest collected food waste in 2023 was recorded during the month of September with 356.38kg while the lowest collection is on July with 33.88kg only.

Source: Resource Generation Office