



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



1.8.1.5 Transport and Disposal

- a) Periodic hauling of residual wastes shall be conducted by a third-party garbage hauler
- b) The hauled residual wastes shall be disposed to a DENR accredited sanitary landfill
- c) The stored recyclable materials shall be sold to a junkshop to add income for the operation and maintenance of the MRF
- d) Wastes shall not be burned
- e) No compostable wastes and recyclable wastes shall be hauled and be disposed by the garbage hauler

1.8.2 Hazardous Waste

1.8.2.1 Generation

- a) All waste generated shall be registered to the regulatory agency for their inventory.
- b) A Generator's ID number shall be secured from the authority as a transaction ID number for the issuance of permit to transport waste.
- c) Any material containing toxic, hazardous elements for procurement shall be considered by the management to minimize significant environmental and health effects when incidentally spilled, released and its cost of cleaning, collection, treatment and disposal.
- d) Chemicals for procurement shall be based on the required quantity so as not to minimize waste generation.
- e) Use of alternative and non-toxic materials, if possible, as packaging material for equipment, instruments to reduce special handling and operation and maintenance cost.
- f) Train or inform the personnel and staff on the hazards posed by the improper handling, storage, transport, and use of hazardous waste and the containers.

1.8.2.2 Collection

- a) Every hazardous waste generated (e.g. busted fluorescent light bulb, paint container) shall be turned over to a designated officer (e.g. MRF Operator). The designated officer shall log (in a logbook or form) all received hazardous wastes for proper accounting. Hazardous wastes shall not be disposed of in an ordinary plastic bin.

- b) All waste shall be collected with proper protective gear to avoid contact and exposure to chemicals either for a short or long period of time.
- c) Waste shall be collected using an approved container, leak and punctured- proof, durable and cost-effective.
- d) Waste shall not be drained in piping systems to avoid a mixture of incompatible materials so as to prevent explosions, damage to lives and properties.

1.8.2.3 Transfer

- a) An approved method of handling shall be used in transferring waste from the point of generation to the temporary storage area.
- b) An approved vehicle shall be used in transporting waste so as to avoid spilling and/or released to the environment.

1.8.2.4 Storage

- a) Waste shall be safely stored prior to its collection of the authorized hauler.
- b) The storage area shall be equipped with proper ventilation and security for safety purposes.
- c) The storage area shall not be accessible to people except for the person-in- charge to ensure public health protection.
- d) All containers must be regularly checked for leaks.

1.8.2.5 Labeling

- a) The size of the label is minimum 20cm by 30cm
- b) The color of the label is yellow background and black for letters conspicuously marked in paint or other permanent form of marking.
- c) The material of the label must be scratch proof and resistant to tampering and weathering.
- d) The label is accompanied with the symbol corresponding to the characteristics of hazardous waste.

1.8.2.6 Packing

- a) In packing the hazardous waste, the containers must be in good condition without leaks and damages.
- b) The containers must be equipped with a strong lid or cap to prevent spillage during the transport.
- c) The containers to be used must be made from materials suitable for the characteristics of hazardous waste.

1.8.2.7 Transport and Treatment

- a) Only authorized haulers with proper permit shall transport the generated waste.
- b) The management shall ensure that all waste generated shall be transported and treated prior to its disposal.

1.8.2.8 Disposal

- a) All waste shall be disposed of in a sanitary landfill or other approved method of disposal.
- b) All waste that is being disposed shall be recorded for documentation purposes.

1.8.3 Agricultural and Animal Waste

A composting facility for the generated agricultural waste shall be provided for its proper management.

1.8.4 Construction Waste Materials

- a) The project contractors shall be responsible for the proper management and disposal of the construction waste materials
- b) All construction waste materials (excluding the concrete wastes) being generated by the activities performed by the PFMO/PMO personnel shall have its separate storage facility and be processed by the Disposal committee and the Property and Supply Office.

1.8.5 Wastewater

1.8.5.1 Generation

- a) A metering device shall be installed to monitor water consumption.
- b) Water being supplied to the buildings shall be recorded and updated.
- c) Procurement of plumbing fixtures, equipment and the like shall be environmentally acceptable
- d) Periodic inspection of systems must be observed.
- e) Leakages in the piping system shall be corrected.
- f) Use of water shall be minimized.
- g) Use other ways of cleaning materials other than water.

1.8.5.2 Collection

- a) All wastewater shall be collected by an approved piping material: acid- resistant, durable and cost effective.
- b) Discharge of waste from different plumbing fixtures shall be conveyed through the building sewer to a point of disposal.



Republic of the Philippines
BATANGAS STATE UNIVERSITY

The National Engineering University

Rizal Avenue Ext., Batangas City, Batangas, Philippines 4200

Tel Nos.: (+63 43) 980-0385 loc. 1122

E-mail Address: secretary@g.batstate-u.edu.ph | Website Address: http://www.batstate-u.edu.ph

EXCERPT FROM THE MINUTES OF THE SEVENTY FOURTH (74TH) REGULAR MEETING OF THE BATANGAS STATE UNIVERSITY BOARD OF REGENTS HELD AT TWIN LAKES HOTEL, TAGAYTAY-NASUGBU HWY, LAUREL, BATANGAS ON 07 DECEMBER 2022

PRESENT:

- | | | |
|--|---|------------------|
| Dr. MARITA R. CANAPI
CHED Commissioner | - | Chairperson |
| Dr. TIRSO A. RONQUILLO
University President | - | Co-Chairperson |
| Cong. MARIO VITTORIO A. MARIÑO
Representative of Cong. Mark O. Go | - | Member |
| Mr. JOHN BRYAN D. DIAMANTE
Representative of Sen. FRANCIS "CHIZ" G. ESCUDERO | - | Member |
| Dir. LUIS G. BANUA
Director, NEDA – Region IV-A
Representative of Dr. ARSENIO M. BALISACAN | - | Member |
| Dir. EMELITA P. BAGSIT
Director, DOST – Region IV-A
Representative of Dr. RENATO U. SOLIDUM, Jr. | - | Member |
| Engr. LADISLAO L. ANDAL
Private Sector Representative | - | Member |
| Engr. AMANDO A. PLATA
Alumni Regent | - | Member |
| Dr. KRISTOFFER CONRAD M. TEJADA
Faculty Regent | - | Member |
| Ms. DONNA KRISTEL B. VERANA
Student Regent | - | Member |
| Prof. ENRICO M. DALANGIN
Board and University Secretary | - | Head Secretariat |

OTHERS PRESENT:

- | | | |
|-----------------------------|---|---|
| Dr. FREDDIE BULAUAN | - | OIC-Director, CHED Regional Office IV-A |
| Ms. MARICEL B. BERDAN | - | Staff, Office of Comm. Canapi |
| Ms. BLAISEDELE C. REGACHO | - | Staff, Office of Comm. Canapi |
| Atty. LUZVIMINDA C. ROSALES | - | Vice President for Administration and Finance |
| Ms. SHAIRA MAE J. DE JOYA | - | Technical Staff |
| Ms. APRIL B. FLORENDO | - | Technical Staff |

Res. No. 136-1H, S. 2022

Resolution Approving the Policy on Waste Tracking and Management

WHEREAS, to support the attainment of the 17 Sustainable Development Goals (SDGs), the University has undertaken programs, projects and activities supportive of the SDGs since 2014 as articulated in its Strategic Plan 2019-2029 and has reinforced its commitment to sustainability in human, financial, and environmental context with the approval of the establishment of the Center for Sustainable Development, its Logo and Sustainability Plan through Board Resolution No. 4, s. 2022;

WHEREAS, the Board through Resolution No. 136, s. 2022 approved the University Policy Guidelines for the attainment of Sustainable Development Goals;

Leading Innovations, Transforming Lives, Building the Nation

Certified True Copy of the Original

MD

ENRICO M. DALANGIN
Secretary of the University
and of the Board of Regents
Date: 11/23





Republic of the Philippines
BATANGAS STATE UNIVERSITY

The National Engineering University

Rizal Avenue Ext., Batangas City, Batangas, Philippines 4200

Tel Nos.: (+63 43) 980-0385 loc. 1122

E-mail Address: secretary@g.batstate-u.edu.ph | Website Address: http://www.batstate-u.edu.ph

EXCERPT FROM THE MINUTES OF THE SEVENTY FOURTH (74TH) REGULAR MEETING OF THE BATANGAS STATE UNIVERSITY BOARD OF REGENTS HELD AT TWIN LAKES HOTEL, TAGAYTAY-NASUGBU HWY, LAUREL, BATANGAS ON 07 DECEMBER 2022

WHEREAS, to ensure the attainment of the goals, the University shall be guided by internal policies designed to assure balance between social, economic and environmental sustainability;

WHEREAS, the Chapter 1 of the approved policy guidelines for is about environmental sustainability supporting SDGs 6, 7, 11, 12, 13, 14, and 15 which covers land resource management, water usage and care, wildlife protection, green buildings, energy conservation, green procurement, minimization of use of plastic and disposable items, and solid waste management;

WHEREAS, an individual policy is provided in every chapter which prescribes the specific action or step to be undertaken by the University to achieve the SDGs;

WHEREAS, this policy on waste tracking and management covers 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;

WHEREAS, the proposal was presented to the Administrative Council of the University, and after thorough discussion and deliberation, it was endorsed for approval of the Board through Resolution No. 1128-01, s. 2022;

WHEREAS, the same proposal was deliberated upon by the Finance Committee and after thorough discussion and deliberation, it was endorsed for approval of the Board through Resolution No. 120, s. 2022;

WHEREAS, the matter was presented to the Board of Regents for deliberation and approval during its regular meeting on 07 December 2022;

NOW, THEREFORE:

BE IT RESOLVED, AS IT IS HEREBY RESOLVED that the Board of Regents after thorough discussion and deliberation approved the Policy on Waste Tracking and Management.

APPROVED.

Certified Correct:

Mj

ENRICO M. DALANGIN
Secretary

Certified True Copy of the Original

ENRICO M. DALANGIN
Secretary of the University
and of the Board of Regents
Date: **11/22**

