AREA VIII

PHYSICAL PLANT AND FACILITIES

I.5. THE INSTITUTION IMPLEMENTS A WASTE MANAGEMENT PROGRAM

I.5. The Institution implements a Waste Management Program

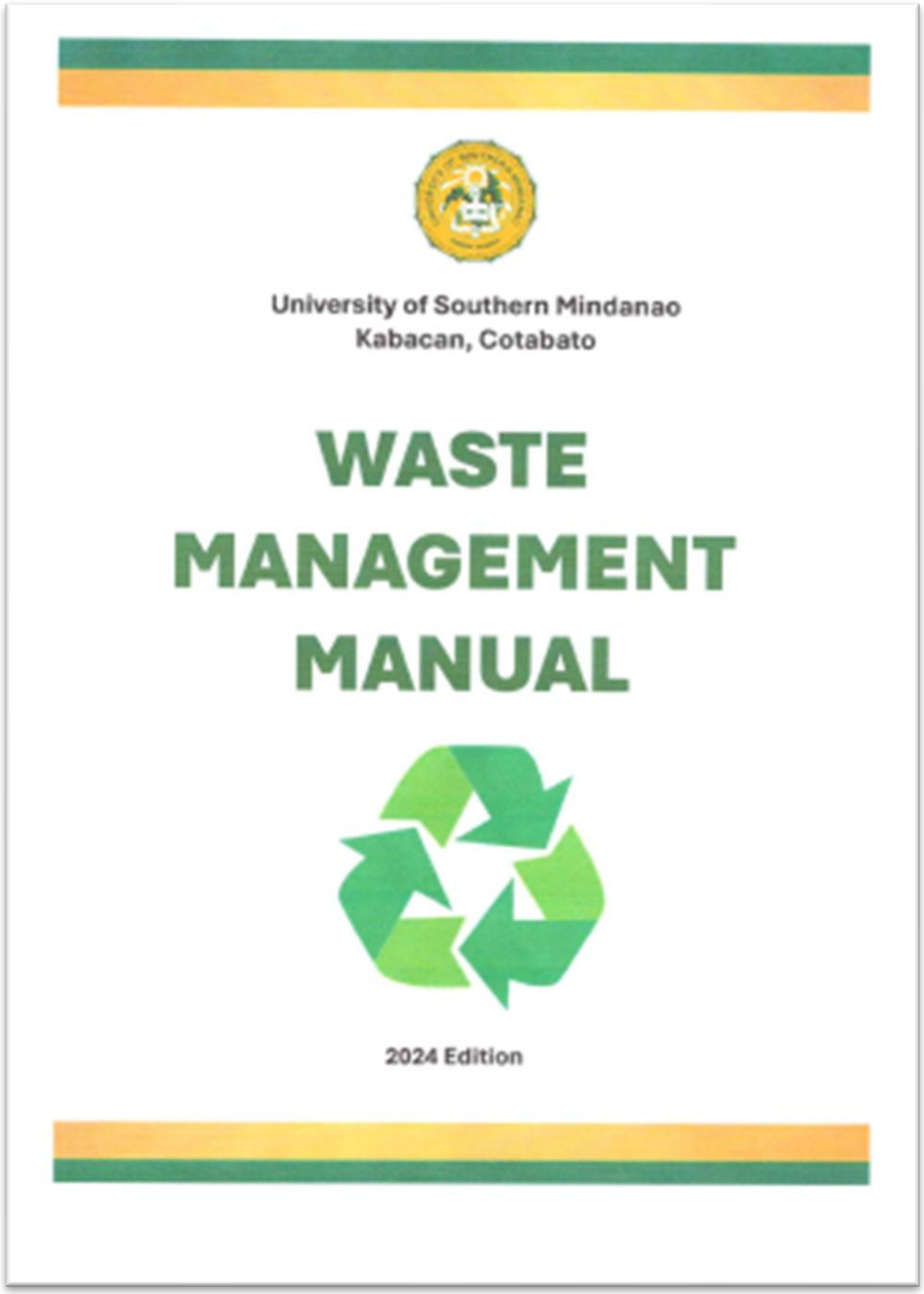
CAMPUS WASTE MANAGEMENT

The University of Southern Mindanao (USM) Waste Management Program, launched campus-wide in June 2011, promotes environmental responsibility and sustainable waste practices throughout the university. This program continues USM's long-standing commitment to effective solid waste management, which began even before the enactment of the Philippine Ecological Solid Waste Management Act of 2000 (R.A. 9003). Through comprehensive strategies for waste reduction, segregation, recycling, and maintaining campus cleanliness and order, the program aims to create a cleaner, greener, and more sustainable campus environment.

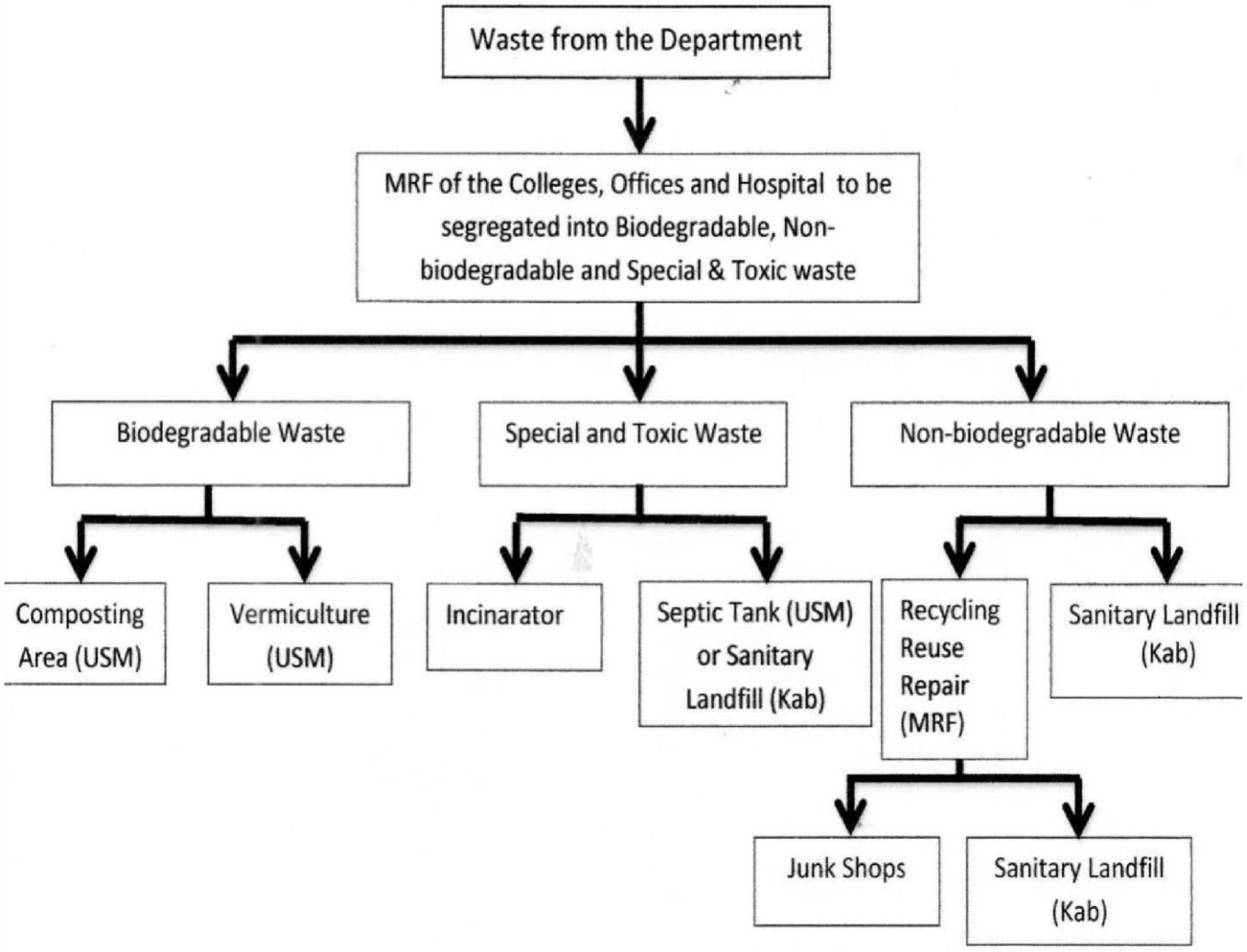
1. **Waste Segregation at the Source**
    - Each department and college within USM is designated as a "point source" of waste and is required to follow strict waste segregation protocols.
    - Waste must be separated into designated categories—such as recyclables, biodegradable waste, and residual waste—before being temporarily stored.
    - Properly segregated waste is stored at each college's **Materials Recovery Facility (MRF)**, a local collection point that allows for organized and efficient waste management.
2. **Collection and Transport Protocol**
    - The **USM drum truck** is tasked with collecting waste from each college's MRF. However, the university enforces a **strict "no collection" policy for non-segregated waste**; only properly sorted waste is collected, ensuring compliance and promoting accountability among departments.
    - Collected waste is then processed according to its type, with recyclables directed to appropriate facilities and residual waste minimized to reduce landfill contributions.
3. **No Single-Use Plastics Policy**
    - In line with USM's environmental objectives, **single-use plastics are strictly prohibited on campus**. This policy includes items such as plastic bags, straws, disposable cutlery, plastic bottles, and other non-reusable plastic products.
    - The policy encourages students, faculty, staff, and visitors to use reusable containers, bottles, and bags, as well as biodegradable or recyclable alternatives wherever possible.

- Campus vendors and facilities are required to comply with this policy by offering sustainable alternatives, helping to reduce plastic waste significantly within the university.

4. **Educational Initiatives and Awareness Programs**
    - To ensure adherence to waste management protocols, the university conducts regular educational campaigns, seminars, and workshops on the importance of sustainable practices and the environmental impact of waste.
    - Posters, signage, and waste segregation guides are displayed around the campus to remind students and staff of proper waste disposal practices and to raise awareness about the harms of single-use plastics.
5. **Monitoring, Compliance, and Penalties**
    - The **Waste Management Office (WMO)** regularly monitors compliance with waste management policies, including waste segregation, cleanliness, and adherence to the single-use plastic ban.
    - Non-compliance by any college or department may result in penalties or suspension of waste collection services until proper segregation practices are restored.
6. **Cleanliness and Orderliness Across Campus**
    - The university emphasizes campus cleanliness and orderliness as a core component of its waste management and sustainability initiatives.
    - Routine cleaning schedules, monitored by the WMO and in collaboration with the campus janitorial team, ensure that common areas, walkways, and facilities remain litter-free and orderly.
    - Dedicated waste disposal areas and visible reminders encourage the campus community to take responsibility for maintaining a clean and organized environment, supporting the university's commitment to health, safety, and aesthetics.
7. **Specialized Waste Management Practices in the College of Health Sciences**
    - The **College of Health Sciences (CHS)** aligns with the school's waste management policy by implementing additional measures to limit waste production.
    - To support waste reduction, the CHS **does not place waste bins within its perimeter**. This approach encourages faculty, staff, and students to limit waste generation and take responsibility for disposing of waste at designated campus MRFs or centralized waste stations.
    - CHS staff and students are encouraged to actively support waste minimization practices, thereby contributing to the campus-wide commitment to sustainability.


University of Southern Mindanao
Kabacan, Cotabato
WASTE
MANAGEMENT
MANUAL
2024 Edition

USM Ecological Solid Waste Management Program Process Flow Chart



WASTE MANAGEMENT FLOW

Waste Collection Schedules will be as follows:

Monday	Tuesday	Wednesday	Thursday	Friday
1. Segregation of solid waste and place in the Materials Recovery Facility (MRF) of Colleges, Offices and Hospital	1. Segregation of solid waste and place in the MRF of Colleges, Offices and Hospital	1. Segregation of solid waste and place in the MRF of Colleges, Offices and Hospital	1. Segregation of solid waste and place in the MRF of Colleges, Offices and Hospital	1. Segregation of solid waste and place in the MRF of Colleges, Offices and Hospital
2. **Biodgradable (nabubulok)** - collection or as per request by colleges/units/ offices/canteens lHos[ital	2.**Non-biodgradable (dinabubulok)** - collection or as per request by colleges/units/ offices/canteens/ Hospital	**2. Bayanihan** **3. Biodgradable (nabubulok)** - collection or as per request by colleges/units/ offices/canteens/ Hospital	**2.Non-biodgradable (dinabubulok)** - collection or as per request by colleges/units/ offices/canteens/ Hospital	**2.Biodgradable (nabubulok)** - collection or as per request by colleges/units/ offices/canteens/ Hospital

- Special and Hazardous waste is collected as per request of the college to the Physical Plant and Development Services or The Kabacan Ecological Solid Waste Management in charge

THE ECOLOGICAL SOLID WASTE MANAGEMENT OF THE UNIVERSITY OF SOUTHERN MINDANAO

UNDER RA 9003, YOU ARE PROHIBITED TO:

1. Littering, throwing, and indiscriminate dumping of waste in public places such as roads, sidewalk, canals, esteros or parks and establishments, or causing or permitting the same.
2. Undertaking activities or operating, collecting, or transporting toxic materials in violations of sanitation operation and other requirements or permits set fort in or established pursuant to the ordinance.
3. Open burning of solid waste.
4. Causing and permitting the collection of non-segregated or unsorted wastes.
5. Squatting dumpsites.
6. Open dumping of biodegradable or non-biodegradable materials in rivers, creeks, lakes and flood-prone areas, canals and drainage canals to include irrigation.
7. Unauthorized removal of recyclable material with other solid waste in any vehicle, box, container or receptacle used in solid waste collection or disposal.
8. The mixing of source-separated recyclable materials with other solid waste collection or disposal.
9. The manufacture, distribution, or use of non-environmentally acceptable materials.
10. Transport and dumping of collected domestic, industrial, commercial and institutional waste in areas other than centers of facilities prescribed under this ordinance.
11. The construction of any establish[illegible]ts
12. Construction or operation of dumpsite or any waste facility on any aquifer, groundwater reservoir or watershed area and/or any portion thereof.

If found violating the act:

FIRST OFFENSE: a fine of **200.00 Php** and **A SEMINAR ON ECOLOGICAL SOLID WASTE MANAGEMENT PROGRAM**

SECOND OFFENSE: a fine of not less than **500.00 Php but no more than 1000.00 Php or an IMPRISONMENT of 15 DAYS but not more than 30 DAYS or both fine and imprisonment at the discretion of the court.**

THIRD OFFENSE: a fine not less than **1000.00 Php but not more than 2000.00 Php or an imprisonment of 3 months but no more than 6 months or both fine and imprisonment at the discretion of the court.**

Information by:

Dr. May Eva J. Garcia
USM-NSTP Director

In coordination with

The Ecological Solid Waste Management

Of the

University of Southern Mindanao

[Republic Act 9003]
"The Ecological Solid Waste Management Act of 2000"



PROPER SEGRAGATION OF SOLID WASTE



THE ECOLOGICAL SOLID WASTE MANAGEMENT OF THE UNIVERSITY OF SOUTHERN MINDANAO

Management?

Ecological Solid Waste Management or ESWM is a Program Implemented to act by the government in which every institution is required and encouraged to create a systematic segregation of all kinds of waste to disposal/recycling of. the said waste.

Different kinds of Waste

Biodegradable

This includes waste that can be used in composting, heap and as fertilizers.

⇒ **Biodegradable Wastes**

1. Dried leaves and grasses, plant stems, branches and cut-off
2. Extract plants
3. Animal waste
4. Leftovers, fruits and Vegetable seeds and peelings.
5. Seafood shells
6. Eggshells, fishbone, innard

⇒ **Ways to segregate**

If collected by the garbage c o l lector, place your garden [illegible].ce leftovers in correct containers (like ice cream cans). Plastic and paper bags are not kitchen waste.

Recyclables

This includes waste that can be recycled , sell in junk shops, and be use again.

⇒ **Recyclable Wastes**

1. Clean and dry papers
2. Corrugated boards, car ton boxes of pizza, soap, etc.
3. Plastic and glass bottles
4. Aluminum containers of Softdrinks, ice cream and biscuit cans.
5. GI sheets, aluminum cut ter, brass, stainless steel, scrap metal, etc.

⇒ **Ways to segregate**

Separate white paper from colored paper. Fold carton boxes to save space. Do not let the garbage collectors gather paper waste when it rains, once wet it becomes compostable. Let the plastic dry before placing them in recyclables container.

sturdy container. Compost or bury all garden waste.

Residual and Special

This includes waste that are hazardous to human health if handled improperly. This also includes waste that are not easily degraded

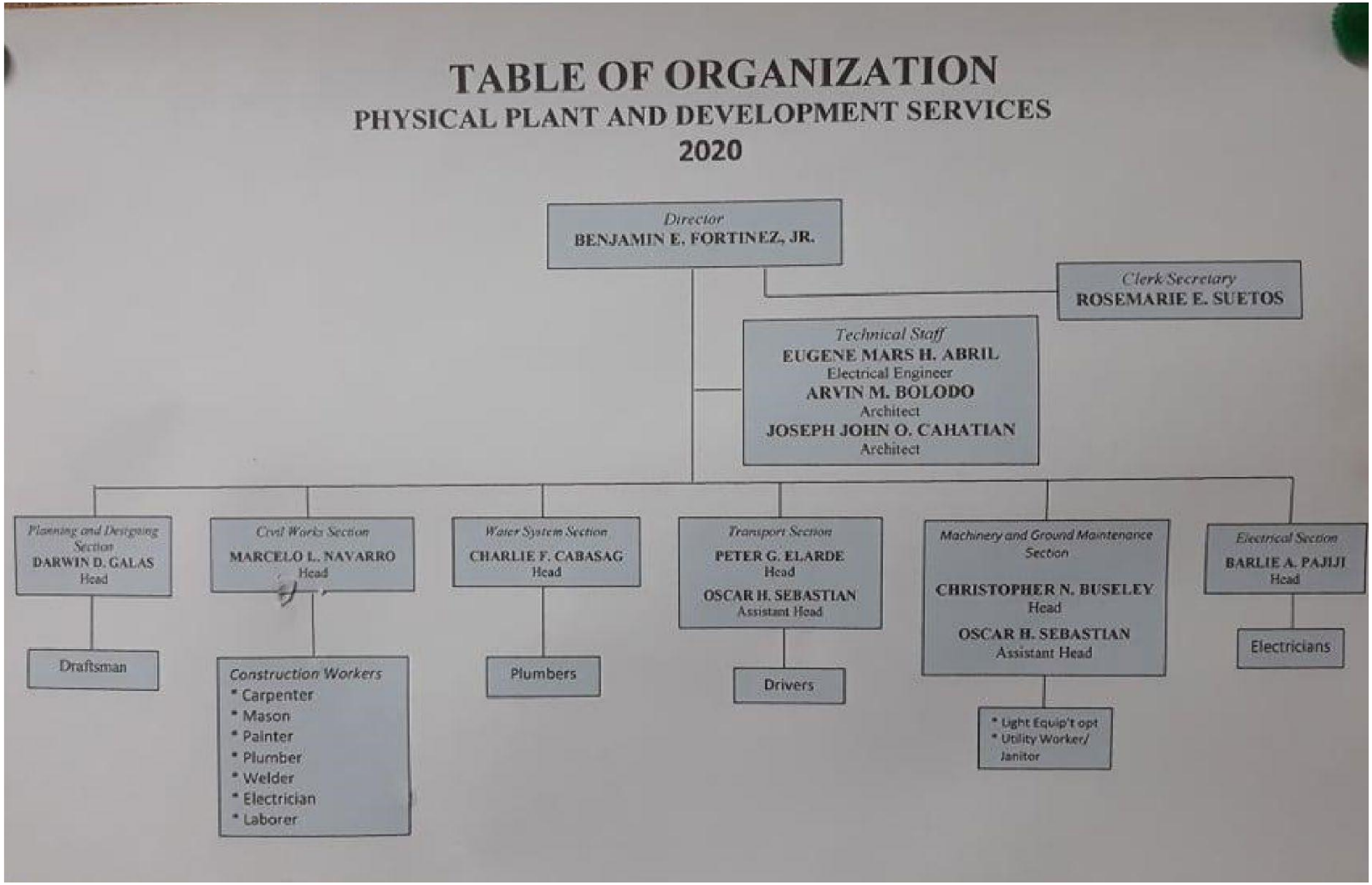
⇒ **Residual and Special Wastes**

1. Foil, old wheels, Dispossable cups, Broken Bottles, Ceramics Glasses, cigarette butt, hairs, Straw, Candy and Biscuit wrappers.
2. Sanitary napkins, diapers, panty liners, used cotton, chemical containers, used battery, hospital wastes, paints and thinners, broken light bulbs, spray canister, and funeral home wastes.

⇒ **Ways to segregate**

Separate residuals from kitchen and recyclables. Sharp, pointed objects should be placed and carefully tied in hard cartons to prevent injuring garbage collectors. Place residuals in old plastic bags, NOT in sacks or cartons.

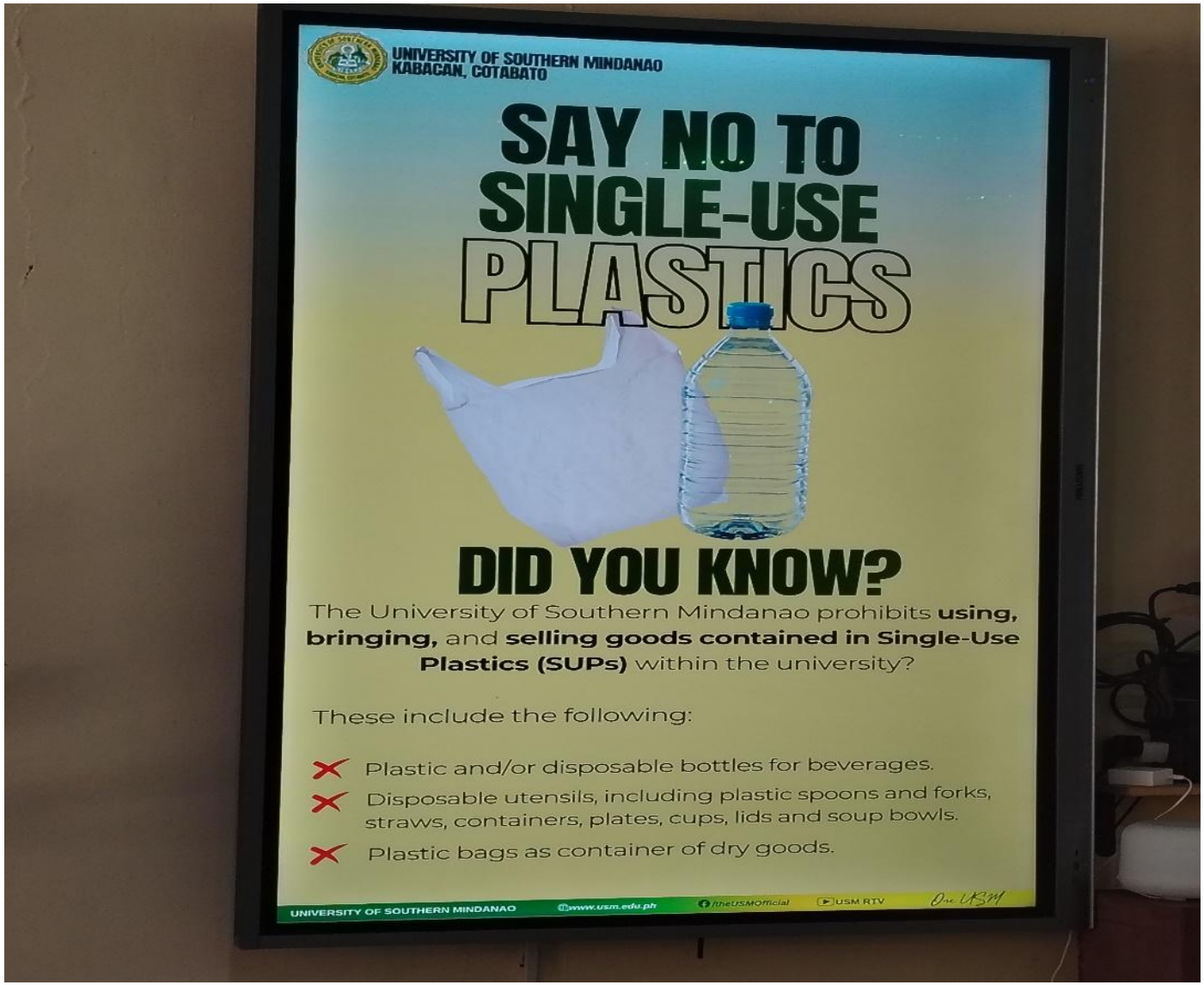
TABLE OF ORGANIZATION OF THE PHYSICAL PLANT AND DEVELOPMENT SERVICES



WASTE DISPOSAL TRUCK






UNIVERSITY OF SOUTHERN MINDANAO
KABACAN, COTABATO
SAY NO TO
SINGLE-USE
PLASTICS
DID YOU KNOW?
The University of Southern Mindanao prohibits using, bringing, and selling goods contained in Single-Use Plastics (SUPs) within the university?
These include the following:
Plastic and/or disposable bottles for beverages.
Disposable utensils, including plastic spoons and forks, straws, containers, plates, cups, lids and soup bowls.
Plastic bags as container of dry goods.
UNIVERSITY OF SOUTHERN MINDANAO
www.usm.edu.ph
/theUSMOfficial
USM RTV


SAY NO TO
SINGLE-USE
PLASTICS
H3W 34
FOR OFFICIAL USE ONLY
USM | NSTP
USM-NSTP CHAMPIONS ENVIRONMENTAL CARE AND
LAUNCHES UNIVERSITY-WIDE PLASTIC CLEAN-UP DRIVE
TO PROMOTE SUSTAINABILITY






SAY NO TO
SINGLE-USE
PLASTICS
Did you know?
Green USM
THE GREENER
THE BETTER
JOIN US!
GREEN USM
WE CLEAN
AS
GREEN USM
ONE CAMPUS,
ONE GOAL
GREEN USM
INNOVATE GREEN,
REJECT PLASTICS
GREAT things
come from GREEN
GREAT USM







WASTE SEGREGATION BINS



WASTE SEGREGATION BINS




NABUBULOK

