MARIANO MARCOS STATE UNIVERSITY

WASTE CHARACTERIZATION REPORT OF MARIANO MARCOS STATE UNIVERSITY BATAC CAMPUS
AY 2022

The Philippines has attempted to enhance its proper waste management by enacting RA 9003, also known as the Ecological Solid Waste Management Act, which demonstrates a systematic, comprehensive, and ecological waste management program to protect both the public health and the environment. It authorizes the agency continue providing secretariat support to the National Solid Waste Management Commission in the implementation of waste management plan, while also being tasked with prescribe policies to achieve the objectives of the National Ecology Center, which is responsible for information dissemination, consultation, education, and training of various local government units on ecological waste management.

To apply environmental sense of morality for the conservation and protection as well as appropriate treatment of the solid waste generated by the Mariano Marcos State University, effective strategies were organized as early as 2009 through the Integrated Solid Waste Management Framework and revised as Integrated Pollution with the goal to address the growing volume of waste generated to ensure that the campus will be kept as a safe and healthy venue for learning.

The design of the MMSU integrated waste management program (MIWMP) - created in 2009, aims to encourage mutualistic and communalistic relationships among stakeholders in order to make maximum use of inputs, products and waste materials. However, one important component that needs to be considered for a successful waste management program and plan is the collection of accurate data on the volume and composition of waste generated over a period of time.

Thus, pursuant to the objectives of the MIWMP, a waste analysis and characterization study (WACS) was ed in 2022 to determine how efficiently the University manages the waste products and the way they are treated.

The university generates an enormous amount of waste which contributes approximately 187.06 kg/week of solid waste within the 5-collection colleges. This is composed of 99.82% recyclable; 66.83% biodegradable; 19.61% special waste; and 0.8% residual.