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**12 RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION**





# GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

## OPERATIONAL MEASURES

The college recognized that effective waste management, particularly in handling hazardous materials, was vital for preserving the environment and safeguarding the health of both the campus and the surrounding communities. Through comprehensive policies, strategic partnerships, and a collective commitment to responsible waste disposal, MCC aimed to lead by example in promoting sustainable practices that went beyond the campus.

At the forefront of MCC's sustainability initiatives was the Garbage Disposal Policy (BR No. 07 s. 2021), which outlined clear guidelines for the safe handling, recycling, and disposal of waste, including hazardous materials. This policy established a framework for tracking waste sent to landfills and sought to minimize waste through recycling and responsible disposal practices. By implementing these standards, MCC not only adhered to environmental regulations but also fostered a culture of environmental stewardship across the campus. The Garbage Disposal Policy was more than just an operational guideline; it was a reflection of MCC's commitment to cultivating a community that valued sustainable consumption.

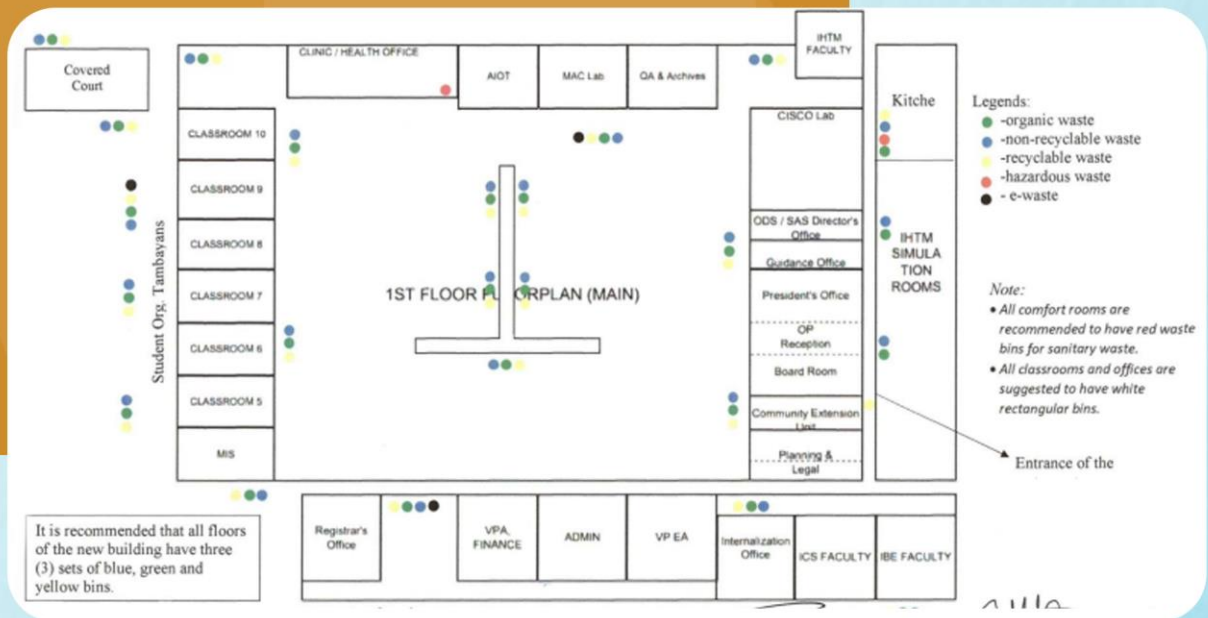
This commitment was further strengthened through MCC's partnerships with local waste management services and environmental organizations. These collaborations were essential in ensuring that waste disposal processes met high standards of safety and sustainability, especially regarding hazardous materials. By working with waste management experts, MCC enhanced its ability to reduce waste effectively and implement proper recycling measures. These partnerships provided a strong support system, enabling MCC to model best practices in sustainable waste disposal and contribute positively to Mabalacat City's environmental objectives.

Central to MCC's waste disposal policy was a focus on measuring waste to optimize recycling efforts and reduce the volume sent to landfills. This data-driven approach enabled MCC to track its waste impact, adjust practices as necessary, and set clear goals for waste reduction and responsible disposal. Through ongoing monitoring and refinement, MCC demonstrated a commitment to continuously improving its waste management practices, with the aim of creating a more sustainable campus environment. This policy approach fostered a culture of accountability, encouraging the MCC community to be more mindful of their consumption habits and waste impact.

**RESOLUTION NO. 07**  
Series of 2021

**APPROVING THE GARBAGE DISPOSAL POLICY OF MABALCAT CITY COLLEGE**

WHEREAS, Article III Section 6 of the City Ordinance No. 60 s. 2016 generally known as **The New Charter of Mabalacat City College**, the *Sangguniang Panlungsod* empowers Mabalacat City College to exercise the general powers prescribed by this Ordinance in order to carry out and perform the powers and functions are hereby vested exclusively by the Board of Trustees;





# GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

MCC implemented comprehensive policies that supported a culture of mindful consumption and waste reduction. By collaborating closely with external partners, MCC aimed to lead by example in sustainable practices that benefited both the campus and the surrounding communities.

One of MCC's cornerstone initiatives in promoting responsible consumption was the policy to reduce plastic use, approved under BR No. 45 s. 2020. This Climate Change Policy emphasized the importance of minimizing plastic waste to reduce environmental pollution. The policy specifically targeted single-use plastics, encouraging sustainable alternatives to significantly decrease plastic waste. Through this initiative, MCC demonstrated a proactive approach to reducing its ecological footprint while fostering environmental responsibility within the college community. The plastic minimization policy reflected MCC's belief that mindful consumption was essential to building a sustainable future.

Additionally, MCC took extensive measures to ensure the safe disposal of all waste, with particular attention given to hazardous materials. The Garbage Disposal Policy underscored the importance of proper waste management practices to minimize harm to both the environment and public health. By establishing clear procedures for the disposal of hazardous materials, MCC ensured that potentially harmful waste was handled responsibly and safely, protecting both the environment and the surrounding communities. This policy not only aligned with environmental safety standards but also reinforced MCC's commitment to sustainability at every level of its operations.





# GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

## PROPORTION OF RECYCLED WASTE

Mabalacat City College initiated key measures to promote sustainable practices in waste management and recycling both on campus and within the surrounding community. Through collaborative efforts with the Institute of Arts and Sciences, MCC developed initiatives that reflected its commitment to environmental stewardship and the goal of sustainable resource management.

A significant step toward responsible waste management at MCC was the implementation of policies emphasizing the importance of recycling and minimizing plastic use. The adoption of BR No. 45 s. 2020, the college's Climate Change Policy, laid the foundation for campus-wide guidelines on responsible consumption. This policy outlined specific measures to reduce waste and encouraged students and staff to avoid single-use plastics in daily campus operations. It reflected MCC's proactive stance on minimizing plastic use and fostering a culture of sustainability throughout the college.

In line with these efforts, MCC undertook a Preliminary Assessment of the Pollution Status of the Sapang Balen River. This initiative aimed to evaluate local pollution levels and identify actionable solutions to improve water quality and reduce pollution. The research project served as a valuable contribution to the community by addressing pressing environmental issues and demonstrating the need for sustainable waste disposal methods. The findings from this assessment provided essential data to guide future waste reduction strategies and highlighted the importance of protecting natural resources for future generations.

MCC's approach to waste management also included specific policies for hazardous materials and landfill management. BR No. 07 s. 2021, the college's Garbage Disposal Policy, ensured that waste was effectively managed by measuring and regulating the amount sent to landfills and recycling facilities. By tracking waste disposal practices, MCC aimed to set measurable goals for minimizing landfill use and maximizing recycling efforts. This policy underscored MCC's dedication to fostering a clean and sustainable campus environment while reducing its environmental impact through responsible disposal practices.

The Institute of Arts and Sciences played a key role in advancing these initiatives. This collaboration strengthened MCC's capacity to implement sustainable practices, leveraging expertise and resources to enhance waste reduction programs. Together, MCC and the Institute of Arts and Sciences were committed to creating an environment that valued responsible consumption, encouraged innovation in waste management, and set a standard for sustainable practices in the region.



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*Short communication*



## **Preliminary Assessment of the Pollution Status of Sapang Balen River, Mabalacat City, Philippines**

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