

**WASTE MANAGEMENT PRACTICES OF PUBLIC MARKETS IN
SELECTED AREAS IN CAVITE**

**Undergraduate Thesis
Submitted to the Faculty of the
College of Economics, Management and Development Studies
Cavite State University
Indang, Cavite**

**In partial fulfillment
of the requirements for the degree
Bachelor of Science in Business Management**

**LOVELY ROSE D. ABELIDA
KIM CARLO R. ESCALLAR
CHRIST ANN JOY C. REY
June 2019**

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ABSTRACT

ABELIDA, LOVELY ROSE D., ESCALLAR, KIM KARLO R. and REY, CHRIST ANN JOY C. **Waste Management Practices of Public Markets in Selected Areas in Cavite.** Undergraduate Thesis. Bachelor of Science in Business Management, major in Operations Management. Cavite State University, Indang, Cavite. June 2019. Adviser: Engr. Gilberto S. David.

The study was conducted to determine how the market administrators and market vendors practice the waste management in their public market. Specifically, the study was conducted to determine the socio- demographic profile of the market administrator and market vendor, determine the profile of the public market, determine the types of waste generated by the public market, describe the waste management practices and ordinances involved in implementing waste management and determine the problems encountered in the implementation of waste management in public market.

The study was conducted in three selected municipality and cities of Cavite namely: Imus, Dasmarinas and Silang from August 2018 to May 2019. Purposive sampling was used to determine the participants. The study had two participants which were the market administrator and market vendor, it used the Slovin's formula to determine the number of participants from each selected areas of Cavite. A total of 187 participants of market vendors and three participants of market administrators were selected from the three different areas of Cavite.

The findings of the study revealed that majority of the participants operate their business seven days in a week. It was also revealed that majority of waste generated daily in the public market was solid waste. It was found out that both market vendors and market administrators practiced the waste management in public market.

Based from the result, the authors highly recommend that every public market should have a waste water treatment facility to avoid contaminated water before disposing it in the river, and the water treatment from the public market can be re-use

to clean the stalls. Also, the author highly recommends to the public market administration to strengthen the existing law or ordinance regarding to waste management practices to discipline the vendors, suppliers, and buyers.

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INTRODUCTION

Wastes are all materials that are deemed unwanted, either by a household or an industry. The major sources of wastes in the province of Cavite are residences, industrial and markets. The volume of wastes is generally affected by the population as well as the type of industries that thrives in the area. Appropriate and environmentally accepted manner of waste management is necessary to promote environmental protection and development (Cavite Socio-Economic and Physical Profile, 2012). And to prevent diseases that people may get in inappropriate managing of waste.

The wastes that are not collected or are disposed improperly, such as pose a public health threat and contribute to river and coastal water pollution, and in open dumpsites. In CALABARZON, there are 35 open dumpsites, out of more than 200 waste management facilities (Berja and Colson, 2008).

Philippines is certainly facing a huge environmental issue specifically the improper management of solid waste (Remo, 2017). There is about 1,302.08 tons of waste generated daily in the province of Cavite. The top 4 municipalities/ cities that