



**STUDY OF DOMESTIC WASTE GENERATION AND
COMPOSITION IN RT 06 RW 08, TAMAN WANASARI INDAH
HOUSING AREA, CIBITUNG DISTRICT, BEKASI REGENCY**

UNDERGRDUATE THESIS

**Submitted as one of the requirements to obtain
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TURNITIN TEST RESULT

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HOUSING AREA, CIBITUNG DISTRICT, BEKASI REGENCY.

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ABSTRACT

Abstract. The problem of domestic waste is an environmental issue that continues to grow along with population growth and household activities. This study aims to determine the existing condition waste management, the amount of waste generation and determine the waste composition of domestic waste in RT 06 RW 08, Taman Wanasari Indah Housing, Cibitung District, Bekasi Regency. The methods used include collecting primary data through direct measurement of waste generation for 8 days and composition analysis based on organic and inorganic classifications. The results of the study showed that the average waste generation per person per day was 0.6 kg/person/day. The composition of the waste was dominated by organic waste such as food scraps and leaves, with a percentage of 29.6% of the total waste. Based on these results, it is recommended to implement community-based waste management through sorting and composting of organic waste to reduce the volume of waste disposed of at the final disposal site (TPA). This study is expected to be the basis for making waste management policies at the smallest environmental level. **Objectives:** The objectives of this study aim to analyze the existing waste management, the amount of waste generation and composition of domestic waste in RT 06 Rw 08, Taman Wanasari Indah Housing Area, Cibitung District, Bekasi Regency. **Method and results:** The data source in this study uses primary data collected through direct weighing of household waste for eight consecutive days based on SNI 19-3964-1994. The Sampling using purposive sampling. **Conclusion:** Waste management in RT 06 RW 08 Perumahan Taman Wanasari Indah is still conventional without sorting from the source, which has an impact on environmental pollution. The average waste generation reaches 0.6 kg/person/day or 1.4 liters/person/day, in accordance with the average in residential areas. The composition of waste is dominated by organic waste (29.6%), plastic (18.7%), and paper (17.3%), in line with the composition pattern in other settlements.

Keywords: Domestic Waste, Waste Generation, Waste Composition, Waste Management

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