

## ABSTRACT

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ANALYSIS OF SOLID WASTE MANAGEMENT SYSTEM IN THE  
2019 MAGETAN ADVENTURE TOURISM OBJECT  
vii + 48 Pages + 4 Pictures + 4 Tables + 1 Graph + 5 Attachments

Waste is the rest of human daily activities and / or natural processes that are solid. Law No. 18 concerning Waste Management stipulates that solid waste itself is in the form of plastic waste, bottles, etc. Waste producers are everyone and / or due to natural processes that produce waste.

This study uses a descriptive type of research using a cross sectional design. This method aims to describe the analysis of solid waste management systems in Sarangan Lake Magetan tourism objects. The subjects in this study were solid waste management systems in tourist attractions. The objects in this study are waste generation, trash storage, garbage collection, garbage transportation, and temporary storage.

The results of this study indicate that the average amount of waste in the Sarangan Lake tourism object has a range of 3-17 m<sup>3</sup> / day with an average of 9,83 m<sup>3</sup>/day. The highest occurrence occurs on Sundays which is 17 m<sup>3</sup>/day due to holidays, so many visitors come to Telaga Sarangan tourism and to restaurants, warungs, or street vendors (PKL). The type of garbage in the Telaga Sarangan tourist attraction is on average organic waste 2,5 m<sup>3</sup>/day (19,98%) and inorganic waste an average of 7,4 m<sup>3</sup>/day (80,02%). The number of garbage collection in the Sarangan Magetan Lake tourism area located around Telaga Sarangan consists of 97 units, including fiber, plastic, bamboo basket and concrete trash cans. Temporary Waste Storage Sites (TPSS) at the Sarangan Magetan Lake attraction have a land size of 50 m x 20 m with an area of ± 1000 m<sup>2</sup>. There are 2 containers at the TPS location. Transportation of garbage in Telaga Sarangan tourism is carried out every day / morning to be disposed to the Milangasri landfill.

Suggestions from this study, namely to increase the aesthetic value of the Sarangan Magetan Lake Tourism Area, should be given an appeal forbidding the prohibition of littering so that the garbage is not scattered.

*Keywords : Waste generation, temporary shelter, garbage collection, polling stations, and garbage transportation.*