

ABSTRACT

The waste problem has always been a polemic that is difficult to resolve. The Banyumas government is trying to handle waste by building the Kalibagor BLE TPA. However, it is known that residual waste in Banyumas that has entered Kaliori in the last 2 years is 45 tons/day. And waste outside household waste is approximately 10-15 tons/day. Existing data shows that there is a difference between the waste that goes to TPA BLE Kalibagor, which is as much as 102.67 tons/day, while the maximum processing capacity is only 45 tons/day. The results of data processing using RCCP show that WS 1 requires the addition of 1 to 6 machines from December 2022 to September 2025, WS 2 requires the addition of 1 to 2 machines from September 2023 to September 2025, WS 5 requires the addition of 1 to 5 machines in January 2023 to September 2025, and WS 6 requires the addition of 1 engine in September 2025.

Keywords: *Machine capacity, Waste, RCCP, MPS, forecasting.*