ABSTRACT

Waste Management is a visionary concept for dealing with waste problems in our society. The idea is being developed and implemented in various sectors including waste management and treatment, mining, manufacturing. The concept of zero waste has been adopted by policy makers because it stimulates sustainable production and consumption, optimal recycling, and resource recovery. This research reveals that the scope of waste management studies varies, such as 3R (Reduce, Reuse, Recycle) and the concept of waste management continues to develop various programs, plans, policies and strategies. Evidenced by the existence of 3R waste management, the utilization of waste in CV Anugrah Rizky is assisted by the Reduce system to minimize failed products that cause final waste buildup with a percentage of 0.14% of total waste per production, in the form of tofu solid waste and reduction in COD (Chemical Oxygen Demand) to the normal limit of 300mg / l in liquid waste. The Reuse system reuses the results of waste production with a reduction percentage of 51.4% of the total waste per production, in the form of 2.5 tons of solid waste tofu, 0.96 tons of ash, 0.1 tons of liquid waste and 0.04 tons turmeric waste, and the Recycle system has carried out a waste re-processing system by utilizing turmeric waste and ash waste with a total weight of 0.04 tons, succeeding in reducing waste by a percentage of 4.2% of total waste per production.

Key Word: CV Anugrah Rizky*, Reduce*, *Recycle, Reuse, Waste Management.*