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**ABSTRACT**

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***RELATIONSHIP BETWEEN CONTAINER CHARACTERISTICS AND THE PRESENCE OF AEDES AEGYPTI MOSQUITO LARVAE IN RAUDHATUL ATHFAL IN THE NORTH BEKASI DISTRICT AREA OF BEKASI CITY IN 2024***

*The vector of dengue fever is the Aedes aegypti mosquito, which breeds in containers filled with water. Containers have varying characteristics in terms of material, color, storage location, cover, volume, and container draining. DHF prevalence in Indonesia tends to increase. Bekasi City is one of the five districts/cities with the highest number of DHF cases in Indonesia, with the most cases in North Bekasi District. Children are the most susceptible age group to DHF. School sanitation really needs to be considered so that environmental health in schools can be held optimally and minimize disease transmission. The purpose of the study was to determine the relationship between container characteristics and the presence of Aedes aegypti mosquito larvae in Raudhatul Athfal in the North Bekasi District area of Bekasi City in 2024 with a cross-sectional method. The population was containers found in 51 Raudhatul Athfal in North Bekasi District, then all of them became the research sample (total sampling). The 2x2 table chi-square test was used to analyze the data with  $\alpha=0.05$ . The results of the analysis stated that the color, storage location, and condition of the container cover were not associated with the presence of Aedes aegypti mosquito larvae. The container material ( $p=0.001$  OR=6.486), volume ( $p=0.000$  OR=7.563) and container draining ( $p=0.001$  OR=18.81) were associated with the presence of Aedes aegypti mosquito larvae. So it is recommended for Raudhatul Athfal managers to pay more attention to the materials and size of container volumes that are safer and healthier, and to drain and brush containers regularly at least once a week. Health agencies are expected to provide socialization about the materials and size of container volumes that are safe for use in schools, and implementation 3M Plus, especially related to draining containers or water reservoirs.*

**Key note:** container characteristics, larvae, Aedes aegypti