TESIS

EVALUASI PROGRAM WATER SANITATION AND HYGIENE (WASH) DI DESA MAWAR KECAMATAN PANTAR TIMUR KABUPATEN ALOR PROVINSI NUSA TENGGARA TIMUR TAHUN 2006-2010

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ABSTRACT

Evaluation of Water Sanitation and Hygiene (WASH) Program in Mawar Village of Alor district

This research was aimed to evaluate the implementation and impact of WASH program in Mawar village of Alor district using logical framework approach. The conceptual framework for this study was guided by a literature review of water supply and sanitation impact evaluation and a program theory that linked goal, resources, activities, output, outcome and impact. This was case study with cross sectional method conducted in June 2011. The population was all households in Mawar village amount 212 household. Sample was calculated using Lemeshow (1997) model. Sample for this study was 67 household from program village (Mawar village) and 67 household from village control (Purnama village). The results indicate that a significantly higher proportion of households in the program village (100%) than in control village (21%) had access to improved water sources for all purposes. A significant higher proportion of households in program village (100%) than control village (21%) spent less than 5 minutes for fetching water. All households sample in program village had private latrine and used it for defecation and significantly higher rather than control village (56%). Household hygiene behaviors in program village also show better significantly than control village. While diarrhea incidence in the program village was significantly lower than control village. Conclusion: Implementation of WASH program in Mawar village, Alor district was successful to increase access to improved water sources and sanitation facilities and hygiene behavior. The system is also to be sustainable as indicated by the effectiveness of system, contribution collection, management and utilization of system.

Keywords: evaluation, water supply, environmental sanitation, hygiene behavior, program