

**FACULTY OF MEDICINE AND HEALTH SCIENCES  
MUHAMMADIYAH UNIVERSITY OF MAKASSAR**

**Ungraduated Thesis, 21 February 2022**

*Anisya Saputri Bisman<sup>1</sup>, Muhammad Basri<sup>2</sup>, Darwis Muhdina<sup>3</sup>*

*<sup>1</sup>Under graduate, Faculty of Medicine and Health Sciences Muhammadiyah University of Makassar, Jl.Sultan Alauddin No.259 Makassar 90211, South Sulawesi, Indonesia*

*<sup>2,3</sup>Public Health Department, Faculty of Medicine and Health Sciences*

**“DESCRIPTION OF AVAILABILITY OF CLEAN WATER FACILITIES IN BORONGKALUKU hamlet, SOKKOLIA VILLAGE, BONTOMARANNU SUBDISTRICT, GOWA REGENCY”** (xi + 56 pages + 4 tables, 4 pictures, 2 attachment)

**ABSTRACT**

*According to the results of a 2015 World Research Institute (WRI) study regarding the condition of clean water availability, there are projections that in 2040 the world will already be in a clean water crisis situation. Indonesia itself is recorded to represent around 6% of the world's water resources. However, the reality shows that most areas in Indonesia, such as East Nusa Tenggara, Java, Bali, Sulawesi, actually experience a shortage of clean water supply.*

**Objective:** *To find out the description of the availability of clean water facilities in Borongkaluku Hamlet, Sökkolia Village, Bontomarannu Subdistrict, Gowa Regency in 2021.*

**Methods:** *Observational research with a descriptive approach which aims to describe the availability of clean water facilities in the Borongkaluku hamlet, Sökkolia village, Bontomarannu Subdistrict, Gowa Regency in 2021 with the Non-Probability sampling method.*

**Results:** *The types of clean water facilities in Borongkaluku Hamlet, Sökkolia Village, Bontomarannu Subdistrict, Gowa Regency in 2021 are 62.5% pump dug wells, 37.5% drilled wells and 11.8% PDAM where the condition of clean water facilities is at a risk level of pollution. 53.1% of dug wells are in the “low” category, 37.5% are in the “medium” category and 9.4% are in the “high” category.*

**Conclusion:** *Communities with low (R) and moderate (S) pollution risk levels at the source of clean water facilities to be able to maintain the condition of clean water facilities and with a high pollution risk level (T) to be able to carry out inspections and physical repairs of facilities such as wells that do not have floors repaired, carry out the removal of piles of garbage and former waste burning near the well.*

**Keywords:** *Clean Water Facilities, Borongkaluku Hamlet*