

**FEASIBILITY STUDY OF WATER QUALITY AND THE LEVEL OF
OXYGEN CONSUMPTION IN WATER AREA OF PASIR PUTIH
BEACH SITUBONDO FOR DEVELOPMENT
BUSINESS FLOATING NET (KJA)**

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ABSTRACT

Mariculture is one of fishery business trough. The development aquaculture openly. Water quality include of physical, chemical and biological trait. The aim of this study was to analyze the quality of water for cultivation of floating net in waters area of pasir putih beach situbondo and analyze the level of oxygen consumption in fishery floating net of pasir putih beach situbondo. Waters area this study method using survey research with data retrieval twice a day with an interval of 7 days as a week for months starting from the 5th of August up to 23th September 2015. The results that obtained during the study, the water quality in waters area of pasir putih beach situbondo in floating net aquaculture is still at the standard of water quality standards according to KepMen LH No. 51 of 2004 on marine water quality standards. It can be concluded that the waters of pasir putih beach situbondo is fertile because is on water quality standards according KepMen LH No. 51 of 2004. Another factor is said to be infertile because the variety of plankton in the waters and dominated by phytoplankton *Bacillariophyceae* class or diatom which is an indicator that these waters is fertile.

keywords : Floating net, Oxygen consumption rate, Water quality.