

**ANALYZE OF AQUATIC SUITABILITY FOR SEAWEED CULTURE
(*Eucheuma sp.*) BASED OF WATER QUALITI PARAMETERS AT
CIKUNYINYI BAY**

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ABSTRACT

Seaweed (*Eucheuma sp.*)the is one of marine popular commodities in world trade. Cikunyinyi bay the is one of areas in Lampung Bay which has a relatively high potential for fisheries activities. The selection of location is an indicator of the success farming, Therefore it is necessary to do an analysis water suitability for marine culture. The purpose of this study is to analyze Cikunyinyi Bay suitability seaweed culture by water quality parameters. This study was conducted in October-November 2013. Analysis of water samples was conducted in the Laboratory of Water Quality, Center of Mariculture Development, Lampung. There are six coordinates points were taken. The method in this research is *descriptive exploratory* method. While the method of determining the location of the sampling point using *purposive sampling* method. Analysis of the data in this study using the *matching and scoring* method. From the research that has been conducted Cikunyinyi Bay less suitable for culture of seaweed, this is because the value suitability: marginally suitable (4 sampling points) and not suitable (2 sampling points).

Key words: Cikunyinyi Bay, Seaweed, analyze of water suitability

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