

ABSTRACT

SUITABILITY LEVEL WATERS OF CIKUNYINYI BAY FOR AQUACULTURE DEVELOPMENT OF SEA CUCUMBER

By

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Cikunyinyi Bay, Pesawaran District, Lampung Province is one of the untapped potential waters for aquaculture activities, especially the cultivation of cucumbers. Analysis of the suitability of the water right is an early indicator of success cultivation according to the type of commodity and aquaculture technologies that will be applied. Availability of information about the location is ideal for the cultivation of an obstacle in cultivation. The purpose of this study was to describe the condition of the waters of Cikunyinyi Bay and analyzing the quality of the waters of Cikunyinyi Bay suitability for cultivation of cucumbers. The research was conducted in October and November 2013, the water sample analysis process carried out in the Water Quality Laboratory, Center for Mariculture Development Lampung. Sample parameters include physics, chemistry and biology of water taken from five sample points. Determination of sampling points is done by using purposive sample method. Data analysis in this study using matching and scoring method. The research concludes that the waters of Cikunyinyi Bay included in the criteria does not match the area that has a permanent barrier, thus preventing any possibility of treatment in the area

Keywords: Analysis of suitability, Cikunyinyi Bay, Sea Cucumber