

## ABSTRACT

### HEALTH MANAGEMENT IMPLEMENTATION OF VANNAMEI SHRIMP (*Litopenaeus vannamei*) CULTURE AT CENTER OF SIDODADI AND GEBANG VILLAGE PADANG CERMIN SUBDISTRICT PESAWARAN REGENCY

By

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*The purpose of this research was to know application of especially biosecurity in farming area and its effect to harvest, to identify parasites of vannamei shrimp, to know healthy status of vannamei shrimp. This research was conducted on February through May 2013 in shrimp farming area of Sidodadi and Gebang village. Samples examination carried out in Main Center of Mariculture Development of Lampung. The research method includes, samples examination by Polymerase Chain Reaction (PCR) technique, parasites species observation, secondary data collection through interview and documentation, and followed by descriptive data analysis. The results of laboratory examination vannamei shrimp samples from Sidodadi and Gedang village' s farming area were negative WSSV and IMNV. Parasites species were found were Zoothamnium sp. and Nematoda.*

**Key word:** *Brackishwater Pond, Biosecurity, IMNV, PCR, Parasites, WSSV.*