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### The identification of *Vibrio* Spp. Bacteria from *Litopenaeus Vannamei* infected by White Feces Syndrome

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**Abstract :** The vannamei shrimp ponds in Indonesia have infected by White Feces Syndrome (WFS) intensively in Sumatra, Java, Sulawesi, Bali, Lombok and Sumbawa. This research is aimed to know the density and type of *Vibrio* spp. from hemolymph, hepatopancreas and intestines of vannamei shrimp which is infected by WFS. The bacteria identification test was performed in the Microbiology Laboratory of Balai Besar Perikanan Budidaya Air Payau Jepara (a brackish water aquaculture office in Jepara, Central Java). The research method in this study is an explorative descriptive research by using a simple random sampling. Conventional method is used for the identification of the bacteria. The indication of the shrimp which is infected by WFS is already exposed to the *Vibrio* spp. genus bacteria, it consists of *V. Parahaemolyticus*; *V. Vulnificus*; *V. cholera* and *V. anguillarum*. The total average of *Vibrio* spp. in hemolymph is  $2,9 \times 10^4$  CFU/ml, while in hepatopancreas is  $4,4 \times 10^7$  CFU/g and in intestines  $3,9 \times 10^7$  CFU/g.

**Keywords:** WFS, *Vibrio*, Vannamei Shrimp.

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