

## OCCURRENCE OF BACTERIA IN COCKLES, *ANADARA GRANOSA* LINNE IN JAKARTA BAY, INDONESIA

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### ABSTRACT

Fecal indicator and pathogenic bacteria were isolated from *Anadara granosa* L., water, and sediment during October and November 1997. Samples were taken from 5 stations located in the mouth of Kalarantua River, part of Jakarta Bay. In most cases, the bacteria levels in cockles and sediment were higher than in the water. Samples taken in November showed a higher concentration of bacteria compared with samples taken in October. The results of Spearman's rank correlation exhibited a direct correlation between *E. coli* and *Salmonella*, and also between *E. coli* and *Shigella*. No correlation could be established between *E. coli* and *Vibrio*.