

**A BUNDANCE, ENVIRONMENT AND MERCURY UPLAKE OF OYSTER
(*CRASSOSTREA* SP.) AT BREAK WATERS ON THE MARUNDA COAST,
JAKARTA BAY.**

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ABSTRACT

Crassostrea sp. were collected from rock breakwaters parallel to the shoreline in Jakarta Bay along the eastern part of the mouth of the Marunda river. The Marunda area is suitable biotope for populations of oysters. The highest density was 146 ind./m² and the lowest one 86 ind./m². The average dry weight was 0.29 g for small oyster and 0.61 g for the large size with a water content of about 73.7-79.0%, Jakarta Bay

receives waste water from Jakarta City. The average content of mercury (Hg) was 0.0011 µg/g, which is higher than the accepted standard level (0.001 µg/g). However, the Hg content in oyster-flesh was much lower (0.026 µg/g) than the maximum standard level (0.5 µg/g). The average content of Hg was slightly higher in young, than in the adult oysters.