

Studi Tentang kualitas perairan dan prevalensi bakteri di perairan muara sungai demaan Jepara

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□ Abstrak

Penelitian bertujuan untuk mengetahui jumlah bakteri dan jenis bakteri di muara Sungai Demaan, Jepara. Metode penelitian yang digunakan adalah metode deskriptif dilanjutkan uji laboratoris. Sedangkan analisa data dilakukan secara deskriptif. Jumlah bakteri halotoleran dan heterotrofik di lokasi 1: bakteri halotoleran 356.700 koloni, bakteri heterotrofik 309.300 koloni; lokasi 2 : halotoleran 283.300 koloni, heterotrofik 465.300 koloni; lokasi 3 halotoleran 365.833 koloni, heterotrofik 298.700 koloni.

Kata kunci : bakteri halotoleran heterotrofik Demaan Jepara

Abstract

The aim of this research was to determine the concentration of bacteria in the mouth of the Demaan river. Descriptively observation and laboratory analysis were applied to the bacteria and water sample, while the data result were analysed descriptively. The bacteria abundance at sampling location 1 356.700 colony of halotoleran bacteria and 309.300 colony of heterotrophic bacteria; at sampling location 2 263.300 colony of halotoleran bacteria and 465.300 colony of heterotrophic bacteria; at sampling location 3 365.833 colony of halotoleran bacteria and 298.700 colony of heterotrophic bacteria.

Key words : *bacteri haloteran heterotrophic Demaan Jepara*