

ABSTRACT

MEASUREMENT OF TOTAL DISSOLVE SOLID (TDS) AND TOTAL SUSPENDED SOLID (TSS) CONCENTRATION OF SEA IN WATER TELUK LAMPUNG

By

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The research of the concentration measurement Total Dissolve Solid (TDS) and Total Suspended Solid (TSS) sea have already done in Teluk Lampung waters. The concentration of Total Dissolve Solid (TDS) and Total Suspended Solid (TSS) is decided by using gravimetric method with parameter validity method, precition. The result of this research shows that the concentration of Total Dissolve Solid (TDS) the ranges 27.868 ppm to 36.642 ppm while the concentration of Total Suspended Solid (TSS) the ranges 64 ppm to 118 ppm. Based on Decree of the Environment Minister 2004, the standart quality of concentration Total Suspended Solid (TSS) the ranges 23,77 ppm to 80,07 ppm. The result shows that the degree exceed standard quality. Validity method in determining degree of Total Suspended Solid (TSS) of the sea water shows that precition with Relative Standard Deviation (RSD) rangesfrom 1,4% to 13% while validity method in determining degreee of Total Dissolve Solid (TDS) of the sea water shows that preciciton with Relative Standard Deviation (RSD) ranges from 2,3% to 24%.

Keywords: Total Dissolve Solid (TDS), Total Suspended Solid (TSS), sea water, Teluk Lampung, Gravimetric