STUDY OF SLUDGE ACCUMULATION RATE IN THE MOROKREMBANGAN BOEZEM

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Abstract
Disposal of solid waste and domestic waste water into drainage channels directly cause silting occurs quickly in Morokrembangan Boezem. It is important to determine the rate of the sludge deposit in this boezem. Generally, this study was investigated to determine the accumulation rate of sludge in order to monitor dredging process. The results obtained from the above analysis that the burden of entry in southern Morokrembangan Boezem of 9,487 tons/hour while the exit load in southern Morokrembangan Boezem of 6,837 tons/hour. Decrease in sludge from anaerobic degradation of 0,018/hour. So the total rate of accumulation of sludge in the southern Morokrembangan Boezem amounted to 21,937,45 m³/year. Based on the above analysis is carried out routinely for dredging pond capacity is maintained.

Key Words: Anaerobic Biodegradation, Morokrembangan Boezem, Imhoff cone, Accumulation Rate, Total solid.

DAFTAR PUSTAKA


