

CHARACTERISTICS OF SOLID AND LIQUID
WASTE PRODUCTION IN THE
VALAICHCHENAI PAPER MILL USING
DIFFERENT RAW MATERIALS

BY

PERMANENT REFERENCE

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Abstract

The paper mill situated at Valaichchenai in the Eastern province supplies most of the Srilanka's paper requirement. A general opinion among the public is that the effluent from the Valaichchenai paper mill pollute the lagoon. There-fore a necessity arose to monitor the level of substances released from the mill.

Samples were collected at the point of discharges of machine 1 and machine 2 for a period of two months (August 2002 - September 2002).The pH and temperature were measured by using potable meters. Standard method were used in the determination of total suspended solids, volatile solids, turbidity, conductivity and Chemical Oxygen Demand.(COD)

The solid wastes were measured at the point of discharge. The result of the analysis elucidate that parameters of temperature and conductivity were within the tolerance level in all sample tested. Turbidity, TSS and pH were showed high value and these condition may be a drawback for the survival of prawns and other living organisms.

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