

RESTRICTED

ABSTRACT

Galle harbour is the secondary harbour and located in strategically important location in the Southern part of Sri Lanka. Until 19th century Galle Harbour played a vital role not only for Sri Lanka concern but for Indian Ocean Region as well. Other than the commercial shipping, this harbour is attending certain tourism related matters such as providing facilities for yachts. During the recent past, this harbour has been exposed to marine pollution through various sources. Due to the environment pollution in Galle harbour, many issues have been reported during recent past. In this research, researcher attempt to identify the waste water contribution for the marine pollution in the Galle Harbour. In order to achieve this, initial background study was carried out and survey conducted. Further interviews were carried out with resource personnel in the area. During the background study it is identified that marine pollution in the Galle harbour is mainly contributed by the solid waste and the waste water. Pollutants are accumulated in to the harbour basin as a result of anthropogenic activities happening in surrounding areas as well as within the harbour premises. However the finding proved that each entities around the harbour have direct impact on the marine pollution in Galle harbour. Moreover, it has been identified that there is no any mechanism to discharge waste water with proper treatment. As precautionary measures researcher identified that the requirement of attitudinal change of the people is essential. Further mechanism to treat waste water and rules and regulations to regulate discharging of pollutants are also very much vital to have solution for this issue.

Key Words: Marine pollution, Waste water, Anthropogenic activities.