

## **ABSTRACT.**

In a developing country like Kenya, the problems associated with solid waste management are more acute than in a developed country (Zerbock, 2013). Lack of sufficient resources, insufficient technical skills and ignorance of public participation in decision making processes contributes to the worsening of solid waste management practices.

Despite the efforts made to clean the town of Narok, solid waste accumulation situation continues to rise every day. The purpose of this study is to determine the impacts of poor solid waste management on the environment with reference to Narok town, Narok County, Kenya.

The objectives of this study are; to determine the causes of poor solid waste management in Narok Town, to determine the effects of poor solid waste management on the environment in Narok Town, to propose sustainable solid waste management measures in Narok Town and to determine the solid waste management methods in Narok Town. The target population in the study was 100; this included some employees working in the solid waste management industry and residents of Narok Town, Narok County. A sample of 59 was picked out of the total number of 100/ primary data was collected using semi-structured questionnaires and secondary data from research projects, internet, journals and books. The study found that majority of the respondents 79.7% were in agreement that resources availability influenced solid waste management while 20.3% were not in agreement.

The study also concludes that majority of the respondents 62.7% were in agreement that technical skills influence solid waste management while minority 37.3% disagreed.

Finally the study concludes that majority of the respondents 79.7% were in agreement that public participation influenced solid waste management practice while 20.3% disagreed.

The study recommends that the national government should allocate ample funds for the purpose of waste management and put up an appropriate structure to provide guidance of activities of each county in the management of solid wastes.

The study recommends that the private sector should be encouraged to participate by each sector to improve the efficiency of solid waste management.

The study recommends that Narok County government should provide both financial and physical capacity while county agencies and other players involved in waste collection for effective and efficient solid waste management practices in the county.

The studies recommends that a better way of solid waste management like sanitary land filling and recycling should be put in place and avoid open burning and open dumping which have got massive environmental effect.

