

## Effective Wastewater Management for Health and Sustainable Environment in Afe Babalola University (Abuad)

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### Abstract

Ethically, the aesthetic view of a particular atmosphere, surrounding or environment depends on its decent hygienic state. This is so for the reason that, when an environment, surrounding, or atmosphere is hygienic the lives of those in that community are not threatened by pollution, illness and disease, in that way creating a sustainable environment. If wastewater is not appropriately managed it might turn out to be a point source of pollution will be a threat for the health of human populations and the environment. This research was carried out with the aim which probably of assessing the quality and quantity of wastewater released to the environment, to determine the constituents of wastewater through experimental laboratory analysis. Laboratory analysis was taken from different point in ABUAD, Various laboratory test such as DO, PH, BOD, COD, Turbidity, total hardness, calcium carbonate hardness, alkalinity, and ammonia, which was properly carried out following due procedure and analyzed properly. These results shows that majority of the test carried out for was unsatisfactory according to standards. From the laboratory experiments carried out, it can be concluded from the result that Bakery: - the appearance, turbidity, total hardness, odour, TDS, and BOD are unsatisfactory. Laundry: - the appearance, turbidity, total harness, ph., odour, BOD, are unsatisfactory. Kitchen: - the appearance, turbidity, total harness, ph., odour, ammonia, BOD are unsatisfactory. Effluent: - the appearance, turbidity odour, are unsatisfactory

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