

Waste Water Treatment and Emerging Waste Water Contaminants in Developing Countries

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Abstract : Wastewater is one of the day-to-day concerns of humans and the environment, in general, due to its importance to the environment. This is because of the presence of various contaminants that are involved in waste water. Wastewater treatment can be defined as the proportion of wastewater that is treated, in order to reduce pollutants before being discharged to the environment, by the level of treatment. This work discusses wastewater treatment, its contaminants, as well as the technologies, involved. The major focus is to analyze Okomu Oil Palm Company Plc, their effluent treatment facility. Okomu Oil Palm Company is based in Nigeria, which is one of the developing countries of the world. Okomu Oil Palm Company uses aquatic treatment technology for their effluent treatment and applies the physio-chemical level of advanced chemical treatment of wastewater treatment process. This work will discuss the outcome of the laboratory sample taken on the 30th January, 2015 and analyzed between 30th January- 4th February 2015.

Keywords : wastewater treatment, contaminants, physio-chemical process, Okomu oil palm

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