

**2<sup>nd</sup> World Congress and Expo on**

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## The deficiency of solid waste management in Kawempe vicinity

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Solid waste management is a very severe deficiency in Kawempe division in Kampala capital city. Most of the parishes in Kawempe division have an unauthorized class of landfills for solid waste disposal. Quite often these landfills are known as garbage pits. These open garbage pits have consequently increased the risks to human health of the people around them because of the exposure of rotting materials, hazardous objects and germs from human excreta such as urine poured in those pits. This has greatly been attributed to by poor policy implementation and weak law enforcers of the existing public health policies to address the deficiency. The division plan for solid waste management has for over time been underperforming due to failure of incorporating the environmental management into the comprehensive development plan of the division, inadequate revenues and adamancy of the general public to be participatory in the campaign for proper solid waste management. Kawempe has an expanded spatial scale with rapid growing economy and population. Informal sector with incoherent activities has increased solid waste without appropriate management. Limited technological alternatives to recycle and onsite treatment are all critically deficient. Therefore for proper solid waste management to be achieved, there is a need to have increased budget for solid waste management as it is in other policy avenues, public participation and strict laws on those that don't adhere to guidelines. This research has been conducted in Kawempe division to scrutinize and analyze solid waste management procedures, public health policies that have been put in place within the division and its parishes, actions and recommendations made on this that include; Upgrading existing service stations, implementation of strict public health laws, Procurement of materials vital in the collection of garbage with trucks that have GPS tracking systems operationalization of an engineered sanitary landfill in Mpererwe managed by private contractor, increased number of litter bins distributed all over the area to ease the process of solid waste collection. For the objectives' attainment of this report, features of the waste, rate at which waste is generated, methodology of waste collection, disposal points and roles played by various stakeholders at all management levels were expeditiously researched about and analyzed.

### Biography

Aijuka Nicholas is a third year student pursuing Bachelor of Science in Civil Engineering at Makerere University in the Department of Civil and Environmental Engineering. He has participated in the 22nd Africa Oil Week in Cape Town, South Africa under the young professional, an event organized by global pacific and partners. He has been an advocate for research in such public health related spheres by helping students who has served to get sponsorship for the findings in research to be published in journals. He is currently working tirelessly on the solid waste management in the Kampala capital city and looking for sponsors to publish his work.

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