



## **KAMPALA FEACAL SLUDGE MANAGEMENT PROGRAM**

### **‘Improving Onsite Sanitation in Kampala City’**

#### **1.0 BACKGROUND:** Impact of Poor Sanitation on Health and Economy.

Inadequate access to improved sanitation is one of the greatest challenges in sub-Saharan Africa with significant implications to health and social-economic development especially in cities. According to a desk study carried out in 2012 by the Water and Sanitation Program (WSP) of the World Bank, it was estimated that Uganda loses about US\$ 177 million per year due to poor sanitation.

#### **This economic loss was attributed to;**

- i. Premature death from diseases caused by poor water, sanitation and hygiene (WASH), especially children under the age of 5
- ii. Expenses for Health care services on preventable sanitation related diseases especially diarrheal
- iii. Loss of productive time to look for a safe location to practice open defecation (for those without access to a sanitation facility), and

- iv. Loss of productivity during sickness or while accessing health care services

## **2.0 KAMPALA CITY: Summary of sanitation challenges and impacts**

The impacts of poor sanitation are particularly more significant in Kampala City due to among other challenges;

- v. Low coverage (less than 10%) of the sewer network (mainly confined in the central business district). This has resulted into indiscriminate disposal of untreated sewerage into the environment.

- vi. Over 90% of the households use pit latrines, most of which have inadequate standards. Approximately 1.8% are estimated to have no access to a toilet at all. In addition, almost 45% of the pit latrines are abandoned after 5 years when they are either full or broken-down due to poor infrastructure, and inadequate operation and maintenance.

- vii. Pit emptying services are unregulated, inadequate and largely unknown or unaffordable by the urban poor in informal settlements.

- viii. There are also some pit emptying technological limitations in terms of flexibility to maneuver into congested informal settlements and efficiency to serve settlements with simple pits.

- ix. Majority of the population dispose solid waste into pit latrines. This practice makes; the pits to fill up in a short period of time, makes it difficult to empty such pit latrines and ultimately increases the cost of pit emptying

services.

Consequently, it is estimated that less than 45% of the pit latrine waste (Faecal sludge) is safely collected, transported, disposed and treated. The rest is either left in abandoned pits or discharged in the open environment leading to frequent disease epidemics especially during the rainy season

### **Some key Achievements so far.**

In line with her vision for transforming Kampala into a Vibrant, Attractive and Sustainable City, KCCA in collaboration with development partners has over the past 5 years prioritized sanitation improvement through the following approaches;

- v. Increased efficiency in Solid waste collection, transport, safe disposal and treatment
- vi. Construction of toilets in public primary schools, communities and health centers
- vii. Hygiene promotion in schools, public places (parks, markets etc.) and communities to; improve quality of living environment and prevent disease outbreaks
- viii. Refurbishment, operation and maintenance of free public toilets for the high transient population, especially within the central business district (CBD)
- ix. Establishment of a computer aided sanitation tracking system for public primary schools and community facilities to provide real time information

for quick response to sanitation improvements

- x. Establishment of the Kampala Water and Sanitation Forum (with over 25 partners institutions/organizations) to strengthen coordination and involve key actors and partners regarding sanitation planning, resource mobilization, and prioritizing investments to achieve set targets.

### **3.0 CITYWIDE HOME SANITATION VISITS**

KCCA is undertaking household sanitation assessments in the City through home visits. The citywide household sanitation assessments will guide short to long-term investment in citywide sanitation improvement.

#### **Objectives**

- x. Assess household health-related, environmental and sanitation conditions
- xi. Utilize this information to target and guide investment planning, resource allocation, monitoring and regulation of service delivery and enforcement of sanitation and environmental health standards.

#### **Expected Outcomes**

- i. Improved household health, hygiene and environmental sanitation
- ii. Reduction in environmental pollution and sanitation related diseases
- iii. Increased business and entrepreneurship for household sanitation services

#### **Approach**

- xi. Engagement and Collaboration with local leaders at all levels during the

- citywide home visits
- xii. Sensitize communities on sanitation, hygiene and environmental health improvement
  - xiii. Employment of over 200 graduates to work with ward administrators, Health inspectors, village health teams (VHTs), local leaders and local security organs during the door to door home visits
  - xiv. Implement the entire program until 31<sup>st</sup> June 2017

### **What is expected of the communities / households?**

- xii. Grant access and provide relevant information related to sanitation access, hygiene and environmental health conditions at household level and immediate neighborhood.
- xiii. Call the KCCA toll free hotline (080099000) to verify the credentials of the home sanitation visitor or for further information regarding environmental sanitation and related services e.g. septic or pit emptying

### **How to identify an official home sanitation visitor**

Proper and adequate identification from KCCA with;

- xv. A KCCA identification tag bearing a photograph, full names, Identification number, KCCA logo and toll free line (080099000) for verification
- xvi. Reflector jacket labeled with a KCCA logo

xvii. A smart phone for online recording of sanitation information

## **4.0 PHONE AIDED SERVICE TRACKING AND FEEDBACK SYSTEM**

In order to support and promote private operators in pit emptying services KCCA with support from GIZ and Swiss Development Cooperation is launching a phone tracking system to be linked with the Geographical Information System (GIS) and the call center.

### **Objectives:**

- i. Determine the current demand patterns for pit emptying services in the city
- ii. Identify which areas are not (frequently) being served
- iii. Ensure that the pit waste (faecal sludge) is dumped legally at a designated Treatment Plant in Lubigi or Bugobi
- iv. Link the pit emptying private operators to communities and other potential clients through the KCCA Call Centre.

### **How the program will be implemented?**

- i. To partner with all existing pit emptying service providers in Kampala City (cesspool and gulper emptier) to capture data during their routine business operations.
- ii. A smart phone (with an appropriate phone application) shall be provided for free to the private operators to record information about emptying and disposing
- iii. The phone application will capture the geographical coordinates, time and date at all these steps automatically.

iv. Data will be relayed and analyzed by KCCA in real time to link private operators to clients who need pit emptying services through the toll free call Centre services.

v. All cesspool and gulper operators will be trained on how to use the phone and the application.

### **Expected Outcomes**

i. A detailed understanding of the current pit emptying service areas and patterns

ii. Development of mechanisms to increase pit emptying service coverage on a citywide scale and reduce public health risks and environmental pollution due to illegal dumping

iii. Link potential clients to service providers in real time

iv. Development of pit emptying businesses hence increased efficiency of service delivery

### **4.0 TOLL FREE CALL CENTER SERVICES**

A toll free number (080099000) through the KCCA call center services has been established to increase public feedback and efficient service delivery. The call center services have been integrated into the sanitation program to;

i. Provide adequate information to the public on appropriate environmental health, hygiene and sanitation management

ii. Link clients to the available pit emptying service providers operating within their communities

iii. Support organized and registered private operators partnering with KCCA with

marketing opportunities to develop their businesses

iv. Obtain feedback from communities and general public regarding; quality of services offered and overall environmental health, hygiene and sanitation conditions in the city

v. Enhance research and learning through real time information capture for; decision making, investment planning, regulation & enforcement and public engagement

*For Further Details Please Contact Us: Tel: 080099000 (Toll free) or Email: [info@kcca.go.ug](mailto:info@kcca.go.ug)*