

“Assessing Water Supply Challenges in Kiutune”

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Abstract

Kenya is a water scarce country. Over time the struggle for water and its resources has increased leading to water shortages and increased tariffs. This is majorly attributed to climate change which has depleted some of the Nations water resources hence decreasing the quantity of water. This causes a problem when it comes to supply to households. In Kenya several families face many problems related to water supply in Kiutune. A descriptive study was used where 30 questionnaires were issued to 30 households to represent the entire population in the study area. Collected data was handled and managed in Ms. Excel then subjected to analysis using statistical package for Social Sciences (SPSS). The results were presented on charts. The study results showed that there was no pipeline network in the area due to financial constraints, lack of technical personnel, negligence, lack of communication channels between the residents and water providers. The residents need to be enlightened on ways of storing water and taught on rainwater harvesting techniques. In conclusion the residents of Kiutune face challenges when it comes to water supply that should be addressed as soon as possible.

“Using Fog Water Harvesting As a Source of Water For Domestic Use”