



**COUNTY GOVERNMENT  
OF KAJIADO**  
**KITENGELA MUNICIPALITY**  
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**Kenya Urban Support Program Phase 2**  
**Reporting on the IMPLEMENTATION OF THE Solid Waste Management Policy**  
**(In fulfilment of the Performance Standard 8)**

**General**

Name of the Municipality: **Kitengela Municipality**

Filled in by: **Ezekiel Shaankua Lemarpe**

Approved by: **Josephine Nashipae Sane, Manager.**

Period of Reporting: **July 2023 to June 2024.**

**Reporting**

	Yes	No	Available but not approved
The County has an approved SWM ACT in place			
The municipality has approved SWM Policy in place			
The municipality has an approved SWM plan in place, that seeks to implement the SWM policy			

**Waste management service.**

The Municipality of Kitengela has approved SWM management policy and/or plan guiding the implementation of the service and has been approved by the Urban Board. The policy covers all thematic areas of waste management include waste collection, transportation and dumpsite management. It also describes the situational waste analysis and future projection of waste management.

The urban area has a dedicated Solid Waste Management officer who reports to the Municipal Manager on matters of SWM with fully-fledged waste collection department in place with equipment and dedicated staff.

The following are the staff attached to Kitengela Municipality as environmental officer-

Sr.no.	Name	Pf no.	Contact
1	Ezekiel Shaankua Lemarpe	20200043343	0726926896
2	Josphat Kamau	20190005184	0726737717
3	Moonka Douglas Matiko	20200045840	0728815966
4	Kogi Joseph Wanjiri	20190117045	0727458030

In connection with the above 3 key staff the Municipality has a team of 35 Mazingira team works ensuring that daily cleanliness is maintained. Solid waste management is key role of Kitengela Municipality and is been implemented through the Mazingira Unit. The Mazingira Unit is a body mandated to monitor and enforce general environmental hygiene. The unit composed of three department namely- Environment, Inspectorate and Public health. The role is to ensure there is a proper liquid and solid waste management for proper sanitation and ensuring the full participation of all stakeholders and general public in the aspects of waste management.

### Municipal Equipment

The Municipality of Kitengela has a total of 2 vehicle dedicated for waste collection.



*Figure 1. Municipal loader collecting waste to the dumpsite.*

*Table 1: The municipality of Kitengela tools and other equipment.*

Sr no.	Item	Quantiy	Status
1	Skipper	1	In good condition
2	Loader	1	In good condition
3	Rakes	20	In good condition
4	Spades	20	In good condition
5	Wheelbarrow	20	In good condition

Other tools such masks, waste carrier bags and protective gears for the Mazingira team are provided on basis.

### **Solid Waste Management budget**

The urban area has allocated budget line for solid waste management. The Municipal has budgeted a total of Ksh 4, 750,000.00 of the financial year 2024/2025. Solid waste management alone was budget Ksh 750,000 while the Mazingira unit which composed of environment scout has a budget of 4,000,000.

### **Waste Collection**

The Municipality collects waste at least once a week and has a dedicated waste dumpsite. The Municipal collect waste thrice a week (Tuesday, Thursday and Saturday) and dump to the Kitengela dumpsite. Several collection waste bins are located in the strategic place after which when there are fully packed collected and dump in the collection site. The Kitengela Municipality has also Isinya dumpsite which is the disposal site for Isinya, Kisaju and Twala town.

### **Quantitative data on supporting the SWP plan.**

The SWM plan has delineated a SWM service area that defines the SWM jurisdiction or area of responsibility. The Municipality has been zoned into 3 zones which includes Zone 1&2 covering Kitengela CBD, covers all areas of Cha Ngombe, Mlimani, EPZ, Deliverance, Prison area and Noonkopir respectively. In terms of frequency, daily Collection and transportation services is provided in zones 1& 2 and at least twice a week for Zone 3. Garbage collection services in zone 2 & 3 is mostly done once week since there are less populated areas.

The SWM plan has Identified population to be reached with waste management service. The plan based it is population projection in reference to 2019 census data.

*Table 2; Table showing population size of Kitengela as per 2019 and 2025 and 2027 projection.*

<b>Sub-county</b>	<b>Census 2019</b>			<b>Projection 2025</b>			<b>Projection 2027</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>Kajiado East</b>	<b>138,689</b>	<b>135,991</b>	<b>274,687</b>	<b>164,566</b>	<b>161,744</b>	<b>326,310</b>	<b>172,028</b>	<b>168,751</b>	<b>340,779</b>

### **Projection of Land uses.**

The SWM plan has accounted for the current and projected land uses within the service area and the anticipated generated waste volumes have been determined. Kitengela Municipality has created a room for projected land use and the anticipated waste generated by population size and land use. The Municipality of Kitengela in partnership with several companies are working to set up Incinerator at the dumpsite to cater for land uses changes.