

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF KILIFI



MALINDI MUNICIPALITY

Solid Waste Collection And Disposal Plan

© October 2019

BACKGROUND

This plan has been developed to show how the Municipality Board will undertake the management of solid waste for a clean, healthy and safe environment for the citizens. It seeks to actualize the envisioned interventions in the policy. The Municipality practices on garbage collection and disposal has several interventions initiated by the County Government Department of Environment who have been offering the services of garbage collection. At the same time, it takes cognizance of the County Finance Bill which collects revenue from businesses for services in garbage collection. Currently, a private contracted garbage collector offers the services of garbage collection for the Municipality through collection in the designated sites both at the Central Business District and a few community designated areas. The policy recognizes the need for waste reduction through sorting and recycling of some of the materials and turning waste to be a resource for wealth creation among various community groups. This plan therefore focuses on the additional effort that the Board will put in place to ensure sorting of waste at source is done, involvement of stakeholders in initiatives to enhance reduction in garbage at household level is achieved and cleanliness enhanced within the Municipality, and supervision of the existing private contracted garbage collector and other private waste collectors and how it can be enhanced for a better waste management in the Municipality.

This simplified plan also takes cognizance of the available resources especially solid waste infrastructure that exists in the Municipality, the challenges posed by the inadequacy in the resources and offers a practical implementable guideline of how they can be optimally utilized to give best results in the meantime.

It also recognizes the strength in the Municipality Administration including the Board, the Manager and the staff for enhancing better coordination and management of the solid Waste in the Municipality.

CURRENT SOLID WASTE COLLECTION AND DISPOSAL PLAN

The waste management strategy within Malindi Municipality includes the collection, loading, transporting and finally disposing of the waste to the designated waste dumping site in Mayungu, a piece of land approximated at 5 acres. Daily collection routine is done on the highway, the Central business district and the designated transfer stations within the community as shared below. A total of 213 staff have been distributed to work of the different areas of Parks and Gardens and the streets/roads within the Municipality. The activity of the collection is done by the Contracted Garbage Handler. Other areas are serviced by the informal groups and private collectors.

CONTRACTED GARBAGE COLLECTOR

He collects garbage in most CBD receptacles. He possesses two trucks that have 10 casuals each. They are also supervised by County Government Staff.

Their Areas Include; Ginnery, Baobab, Surahi, Kanu Office, Pentagon, Kurawa, Kinondoni, Serena, Bi Thoya, Kwa Modi, Pwani Secondary, Kabelengani, Central Primary, Alaskan, Kwa Janja, Marafa Plaza, Banzi Plaza, Sabasaba. Muyeye Clinic, Judo, See Breeze, Kwa Kiwa Market, Jua Kali Market, Sir Ali, County Assembly And Amore.

MALINDI OPEN DRAINS

1. Bus park :3 drains,Kumbuni,Matress,Mulwa
2. Jabreen to Milano
3. Majengo Cabro Road
4. Kisumu Ndogo
5. Alhidaya to Mlima wa Seth
6. Post Office to star hospital
7. Mijikenda to Santafee
8. Mwanahaneni(mjee wa kuku)
9. Da Gama(Baobab)

ROADS/STREETS

1. Thalatha meli-BP
2. BPto round about
3. Round about
4. K.W.F.Tto Alaskan
5. Jomo Kenyatta road
6. Alnoor to Alaskan

7. Sabaki pharmacy to Alaskan
8. Tourist Road (Town hall to General hospital)
9. Lamu Road
10. Standard Bank to Uhuru garden
11. Shela Road
12. Uhuru garden to Sea breeze
13. Old Fish Market to Tangini to Hindu Temple
14. Sir Ali to Uhuru Garden
15. Jetty
16. Jamhuri Street
17. Shekh Nassor Street
18. Tom Mboya Street
19. Dry Cleaner to Habib Bank(DTB)
20. Alaskan to Galana Hospital
21. BP to General Hospital
22. Pentagon to End of Tarmac Road
23. Eden Rock to Cemetery
24. Saba Saba to Ngala Stage
25. Marafa Plaza to Malindi High School
26. Tree nursery
27. Store
28. Public Convenience(Toilets)
29. Takaye Social hall
30. Food market
31. Jua kali Market
32. Matunda Market
33. New market
34. Town hall
35. Yard
36. Kibokoni to Galana hospital
37. County assemble Rd to J.C.C to Fairdeal
38. Old Buspark (Stage ya Malory)
39. Office Assistants
40. Mechanic
41. Driver
42. Emergence team

SUPERVISORS AND THEIR DUTIES/ROLES

S/NO.	SUPERVISOR	ROLES
1	ANDERSON CHOGO	<ul style="list-style-type: none"> • Sir Ali street to Uhuru Garden • Jamhuri street(Habib bank-Round about) • Dry Clean Street to Habib bank • Post Office to Star hospital Ginnery Kakungu bar • Standard bank to Uhuru Garden • Shekh Nassor Street (Mike radio) Street (Coast farmers) • Alhidaya to Mlima Seth Open drainage Litters (pavement) • Tom Mbaya street Black Market (Uhuru Garden) Exit Street to Sabaki Pharmacy Mosque Street (Coast Farmers)
2	ELNORA KARISA	<ul style="list-style-type: none"> • Old bus park (Stage ya Malory) • Jabreen to Milano Open drainage • Jabreen to Post Road (Jomo Kenyatta Road) • Round About • BP to Round About
3	BEATRICE D.KAHINDI	<ul style="list-style-type: none"> • Tree nursery • Takaye Social hall • Cleaners (Town Hall)
4	ELLIUS MWINGA	In charge of mbuzi wengi area Any other issues that maybe be a threat (challenge) to be reported to the office in advance eg Dustbin, illegal dumping
5	WYCLIFF AMBWERE	In charge of: NOTE: In charge of; a) KISUMU NDOGO OPEN DRAINAGES i) Litters in the drainage ii) Litters (pavements)

		<p>b) Alnoor to Alaskan c)Thalatha meli to BP i) Take care of trees (AIRPORT) ii) Alibhai d) K.W.F.T to Alaskan junction NOTE; He also in charge of Alaskan field Report any issue that might be a threat to environment e.g. illegal dumpit at KANU, BARANI SEC.</p>
6	PATIENCE MASHA	<p>IN CHARGE OF; a)Open drainage –Majengo (cabro road) b)Majengo cabro road (Litters) c) Sabaki pharmacy to Alaskan. NOTE; Report issues that might be a threat to environment in advance.</p>
	MVERA S. KALU	<p>INCHARGE OF; a) Pentagon to Myeye clinic b)Myeye clinic to end of tarmac road. c) Sabasaba to Ngala stage d)Marafa plaza to Malindi High School. NOTE; Report the status of Janja field, Pentagon and any other issues ,that might be a threat to environment.</p>
	BRADLEY CHANZU	<p>Incharge of a) All open drainages in town expect Kisumu ndogo eg.DA, GAMA,MWANAHANENI E.T.C. b) Fully in charge of open drainages, at buspark(Mattress, Mulwa,Kumbue.t.c)</p>
	SALMA RASHID.	<p>) Incharge of; A) Uhuru garden b) Uhuru garden to Sea breeze c) Oldfish market d)Jetty Report any issues that might be a threat to environmente.g. dust bin,litters along the beach. In charge of cleaners (SEABREEZE CHAMBER)</p>
	JOHNSON IHA	<p>Incharge of; <ul style="list-style-type: none"> • A)New market • B) Jua Kali market • C)Kwa Jiwa market • </p>

		<ul style="list-style-type: none"> d) Food market.
	TITUS MASHA	Incharge of; <ul style="list-style-type: none"> Public convenience(toilets) Yard cleanness Standard Bank to Galana Hospital. Alaskan to Galana hospital Eden Rock to Cemetery.
	CHANGAWA NZAI	Incharge of; <ul style="list-style-type: none"> Open drainage (MAWENI) Mijikenda toSantaffeeRoad. Shella cabro road. Tourist road. NOTE; Report issues e.g. illegaldumping
	AMOS RAMA	Incharge of <ul style="list-style-type: none"> Scorpio to Drift WOOD General hospital to Marine Park Casuarina dumping site. NOTE; Daily report the status of casuarina dumping site
	SAID ABDALLA	In charge of all private vehicles. NOTE; dailyrepot the status of our chambers (waist chambers)
	KUPASI SIRYA	Report all issues in Malindi town that might raise alarms in advance.
	. KAHINDI KAZUNGU;	Incharge of; <ul style="list-style-type: none"> Operation register Reconcilesupervisor's staff attendance, reports, against operation register. Daily handover operationregister to the immediate senior supervisor for signing. Compile reports of absentee as from 15th date to 15th date of the following month and handover to the senior immediate supervisor. Respond to alarms
	RAPHAEL M. NZARO	<ul style="list-style-type: none">

Waste collection activities are supported by the following cadre of employees who will work under the Municipal Environment Officer.

STAFF	NO.
Supervisors	23
Drivers	4
Parks, Gardens, Market and street cleaners	183
Village community Solid Waste Liaison Officers	3
TOTAL	213

ACTIVITIES AND ESTIMATED BUDGET FOR OCTOBER 2019-JUNE 2020

S/NO	ACTIVITY	ESTIMATED COST(Kshs)	PERSON RESPONSIBLE	ESTIMATED TIME PERIOD
1	Garbage collection & Disposal	36,000,000 .00	MMB, Dept of Environment	9 months
2	Supervision of Private Garbage Collection	1,000,000	MMB	9 Months
3	Recycling Initiatives	60,000,000	MMB, Dept of Lands	9Months
4	Capacity Building on Solid Waste	10,000,000	MMB, Administration	4 Months
5	Procurement of Receptacles	15,000,000	MMB, Dept of Envnt, NEMA	6 Months
6	Procurement of Solid Waste PPEs	10,000,000	MMB, Dept of Envnt, NEMA, PWAM	3Months
7	Clean Up Exercises	9,000,000	MMB, NEMA, Dept of Envnt, PWAM, KWS, Stakeholders	9 Months
8	Town beautification	15,000,000	MMB, PWAM, NEMA, Dept of Envnt,	5 Months
9	Malindi, Watamu,	5,000,000	MMB	3 Months

	Mambrui town Clearing			
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