

## **Annex 3**

# **The Laws Relating to Contract Management for Local Authorities**

**JICA SYMPOSIUM**

## The Laws Relating to Contract Management for Local Authorities

### 1. Introduction

Nairobi City Council is a local authority established under, and governed by, the Local Government Act, Chapter 265 of the Laws of Kenya. This Act stipulates the powers and functions of all local authorities, including Nairobi City Council.

### 2. Contract Management

Contract management is the system of controlling and managing contracts from their inception (i.e. preparation of the contract specification) to completion of the contract. This includes the procedures and systems to monitor the delivery of the contractor's services.

### 3. Contract Management Arrangements in NCC

The statutory regulations governing contract management arrangements in NCC are set out in the following documents:

- a) The Local Government Act, Cap 265, in particular section 143;
- b) The Standing Orders made under section 85 of the Local Government Act, and set out in the Second Schedule to the Act, in particular Standing Orders Numbers 31 to 38;
- c) The Financial Regulations for Local Authorities made by the Ministry of Local Government on 10<sup>th</sup> November 1986, in particular Part F on Procurement of Goods and Services.

#### i) The Local Government Act Provisions

Section 143(1) gives power to enter into contracts. It provides that a local authority may enter into contracts necessary for the discharge of any of its functions. Where the contract involves 10,000/- or more the local authority, in contracting, must follow the conditions outlined in section 143(4). These require that:

- a) the local authority give at least 14 days public notice in one or more newspapers or journals of the proposed contract, the proposed contract's purposes and other relevant particulars;
- b) the public notice shall invite persons willing to undertake the contract to submit a tender by a stated date to the local authority;
- c) the local authority shall not consider any tender or enter into any contract until the expiration of the 14 days;

- d) at the expiration of the 14 days the local authority shall consider all tenders which have been submitted to it.

This procedure is mandatory in all case of contracts of over KSh 10,000/- (ie K£500). However section 143(6) states that, in cases of emergency, or where the delay involved in inviting tenders as required would cause a loss to the local authority, the Finance Committee of the local authority may authorise the making of contracts without waiting for 14 days.

The Act does not indicate what would constitute an emergency or the extent of potential loss that would justify dispensing with the public notice requirement. These matters are left to each local authority to determine for itself. This opens up the possibility of widely differing practices between local authorities across the country, which may not be desirable. It would be useful for the Ministry of Local Government to give guidance to local authorities on the factors to take into account in determining that an emergency exists or that a significant enough loss might be incurred to justify dispensing with the notice requirement.

But whether or not there are Ministry guidelines on these issues, NCC needs to set out criteria on these issues to guide its own staff. At the moment NCC does not operate on the basis of pre-laid down criteria. It deals with each situation as it arises. This can lead to lead to inconsistency and *ad hoc* decision making. In the absence of NCC-wide criteria NCC's DoE needs to develop its own criteria for the guidance of its senior management.

Section 143(6) states that in all cases where the 14 day notice period is dispensed with the Finance Committee shall:

- a) specify the method of inviting tenders and the period within which tenders shall be submitted;
- b) submit to the local authority at its next succeeding ordinary meeting a report as to the reasons for dispensing with notice and giving particulars of all tenders received.

Section 143(5) sets out the criterion for evaluating tenders. It provides that a local authority may accept any tender which, having regard to all the circumstances, appears to it to be "the most advantageous." Nothing further is said to give more concrete meaning to this criterion. Therefore the issue will be determined on a case by case basis. Conversely the local authority may decline to accept any tender. Where the tender which is accepted by the local authority is not the lowest the local authority needs to obtain the consent of the Minister before proceeding with the award..

The need for the Minister's consent is a control measure to ensure that the local authority has acted in its best interests. No indication is given of the factors the Minister should take into account in coming to a decision. His discretion appears to be unfettered. This may not provide adequate safeguards against disadvantageous contracts being entered into. The Minister's decision is binding on the local authority. It is recommended that the following two additional safeguards be implemented:

- a) both the local authority and the Minister should give reasons justifying the choice of tenderer;
- b) the reasons, together with the local authority's evaluation of all the tenders submitted, should be made available to all the tenderers.

## ii) Requirements of the Standing Orders

The Standing Orders supplement the provisions in the body of the Act.

Standing Order Number 32 states that before entering into a contract for the execution of any work the Council shall obtain from the appropriate officer or other person an estimate in writing of the probable expense of executing the work and of the annual expense of maintaining it.

Standing Order Number 33 stipulates the procedure for submitting tenders:

1. no tender will be received except in a plain sealed envelope which may bear the word "Tender" followed by the subject to which it relates, but shall not bear any name or mark indicating the sender;
2. such envelopes shall remain in the custody of the Clerk until the time appointed for their opening;
3. tenders shall be opened at one time and only in the presence of:
  - a. Council members designated for that purpose or the Tender Committee;
  - b. the Clerk or an official of the Council designated by him; and
  - c. representatives (if any) of the persons tendering, if they have made a prior request to attend to the Clerk.

Standing Order Number 34 deals with the acceptance of tenders which is not the lowest. Such a tender shall not be accepted until the Council has considered a written report from the appropriate officer and has obtained the written consent of the Minister.

Standing Order Number 37 provides for the inclusion of an obligatory cancellation clause in every contract empowering the Council to cancel the contract and recover the amount of loss resulting from such cancellation if the contractor attempted corruptly to influence the tendering process.

## Pecuniary Interest

Further provision to prevent impartiality and bias the found in sections 89 and 137, and in Standing Order Number 40 respectively.

Section 89 states that if a member of a local authority has any pecuniary interest in any contract or proposed contract and is present at a meeting of the local authority at which the

contract is the subject of consideration, he shall disclose the fact and shall not take part in consideration or discussion of or vote on any question with respect to the contract.

Section 137(1) requires disclosure by officers of interest in contracts. If it comes to the knowledge of an officer employed by a local authority that a bargain, contract or arrangement in which he has a pecuniary interest has been or is proposed to be made, or entered into by the local authority or any of its committees, he shall as soon as practicable give notice in writing to the local authority of his interest.

Section 137(2) states that an officer of a local authority shall not use his office or employment to obtain or accept any fee or reward whatsoever other than his proper remuneration.

Standing Order Number 40 states that a member who has disclosed a pecuniary interest shall be excluded from the meetings at which the contract is considered.

### iii) Financial Regulation for Local Authorities

Part F of the Financial Regulations for Local Authorities, 1986 deals with procurement of goods and services. It supplements and complements the provisions of the Local Government Act and of the Standing Orders.

Article F3 states that for works and services in excess of K£500 (ie Kshs 10,000/-) a notice calling for tenders shall be published and tenderers instructed to submit their quotations by registered post in plain sealed envelopes. The envelopes shall be date stamped immediately on receipt and shall be initialled by the Clerk or Treasurer or another authorised person.

All tenders shall be opened at one time at a meeting of the Finance Committee at which they are to be considered, or at a meeting of a sub-committee that may be appointed by the Finance Committee for that purpose.

Article F2 requires that competitive quotations from the last three suppliers be obtained wherever appropriate and in any case before placing orders of a value in excess of K£500 (ie Kshs 10,000).

## **Annex 4**

# **The City of Westminster's Monitoring Systems for its Cleansing Contract**

**JICA SWM Study**

## The Westminster Contract

Well so far we have looked at the theory. How has the City Council put that theory into practice and what have the results been and importantly what pitfalls have we encountered. At this point I think it is important to give some idea of the size of the contract.

1. Waste Collection and Street Cleansing Contract approx. £13.9M p.a.
2. Approx. 8M waste collections a year. Ranging from once a week black sacks to daily collections, multiple collections in a day, compacted waste collections both from skips, compactors and large bag compactors.
3. The specification covers a total of 33 functions from the main Waste Collections and Street Sweeping operations to Gully Cleaning, collection of Recyclables, Winter Maintenance, Equipment maintenance, Special Events, FIDO service, Gumbusting, Fly Tip removals service and so on.,
4. The value of those services ranges from several millions of pounds to thousands of pounds.
5. There are about 200 pieces of plant and equipment in use from a new fleet of Collection Vehicles to skip and rolloff lorries, to both large and small mechanical sweepers etc.
6. Both the Waste Collection and Street Cleansing service operate in significant parts of the City throughout the 24 hour period and cleansing operations take place every day of the year - including Christmas Day.
7. The City has some 1500 streets, a residential population of about 176,000 but the day time population increases to in excess of 800,000 and some times up to 1 Million people a day.
8. 10,000 Commercial waste customers making up nearly half the waste to be collected.
9. Collect 50 tonnes of litter a day.
10. 210,000 tonnes of waste is collected by the City council every year
11. The Contract is for 7 years.

The Waste Collection element of the contract is - unsurprisingly - input based to the extent that we specify days of the week and timebands during which waste should be collected.

It may seem unusual to talk about telling our Customers the times of collection and monitoring against that but I would suggest that all local authorities know the days of collection and that within a 2 or 3 hour timeband almost all collections probably take place on a regular basis. It is therefore not impossible for Local Authorities to be able to offer

undertakings to Customers about the times of collections. One of the spin offs from such an arrangement is that it makes enforcement against dumping much easier because everyone - commercial and domestic customers alike know when waste should be put out for collection.

The Street Sweeping section of the Specification is Output based. The change from an Input Contract to an Output contract took place in 1992 and at the same time we changed the method of monitoring. The danger with such an output specification is that a fire fighting service may develop and it is even more important that measures are in place for *contractor self monitoring.*

So how do we monitor and manage this contract.

### Monitoring Team

There are 8 Monitoring Officers in the field during the Day, 2 in the Evenings and 1 at Night. All field staff are in radio contact with the Contract Administration group.

Random street lists are produced by the Council's Contender Contract Management Computer system and these are given to staff at the start of their period of work. A further list of key streets which need to be inspected daily is also produced. Where failures are found, they are radioed to the admin. staff who put the information into computer system. The system contains the various remedial periods, days and times of collection and automatically put this information into the notice set to the contractor.



The system also allows free text. This is electronically transmitted to the Contractor.

The Contractor has access to the Contender system and can look up complaints, input information and hopefully use the information to ensure service failures are eradicated.

So we have here examples of both *continuous and random/sample monitoring*

Telephone surveys of requests for Special Collections are also carried out with 1 in 10 Customers being asked for their comments on the service. In effect *Outcome based monitoring*.

In the event that the contractor fails to comply, the default arrangements come into play. Reports are produced by the monitoring officer to accompany a default. Wherever possible, photos are taken to support the default report. It is essential that default arrangements have integrity and consistency.

The Default Sum set out in the Contract is £50. This is a pre-estimate of the costs involved in issuing the default. When assessing Default Sums you must be in a position to support the sums quoted in your Contract Documents.

The City Council's figure is based on an element of time for the Monitoring Officer, administration costs and an element of my own time. Often you see figures quoted which are plucked from the air or based on someone else's figures. The only reason these default sums stand is often that it is not in the contractor's interest to challenge them - rather than them being any form of genuine pre estimate.

As I mentioned earlier, the Westminster Contract contains large numbers of vehicles and equipment as well as providing depots. It is tempting to forget about these areas - out of sight out of mind so to speak. You must not ignore these areas. You should cover these by *Planned scheduled or periodic monitoring*

You can see therefore that there is no one right monitoring method but that a combination of different types of monitoring are required even for the simplest of contracts.

The Contract requires the contractor to obtain EN ISO 9000 certification within 18 months but to ensure that the Contractor is proactive, the Contract conditions set out a Contract Management Standard which requires the contractor to report monthly on his performance.

The Contract also sets out a Cleanliness Index Monitoring System. This requires the Contractor to carry out monthly surveys to establish the cleanliness of the City. This scheme, which as far as I know is unique to Westminster, requires the Contractor to carry out a monthly photographic survey and inspection of 10% of all the streets in the City. The list of streets to be inspected is randomly generated by the Client.

Using a random number generator he then inspects a 50 metre transect within each of the streets selected and the street is given a grading between A (absence of litter) and D (dirty) which generate a score between 3 and 0.

Photographs are taken of the section as a record with a date/time camera. Additional photographs are taken to highlight other environmental quality indicators - such as graffiti, flyposting etc. The Contractor then compiles a Cleanliness Index level based on the points awarded for each grade.

This system is used by the Tidy Britain Group when compiling the Cleanest City and Boroughs Surveys. Validation is carried out on a quarterly basis by TBG.

The City Council also carries out surveys using the same methodology. It is not therefore in the interest of the Contractor to fix the results since either or both the City Council's or TBG's survey would highlight the problem.

If the Contractor's score falls at any point during the contract period he has to explain the drop in standards previously achieved.

I consider that this will be an alternative way of defaulting the contractor in any future contract. Assuming we are happy with the standards of cleansing being achieved, we will know the appropriate cleanliness score.

The City Council will know the quality of street cleansing it can expect and what it costs to achieve that standard. Trying to reach for higher standards may not be possible for a number of environmental reasons and indeed it may not be cost effective.

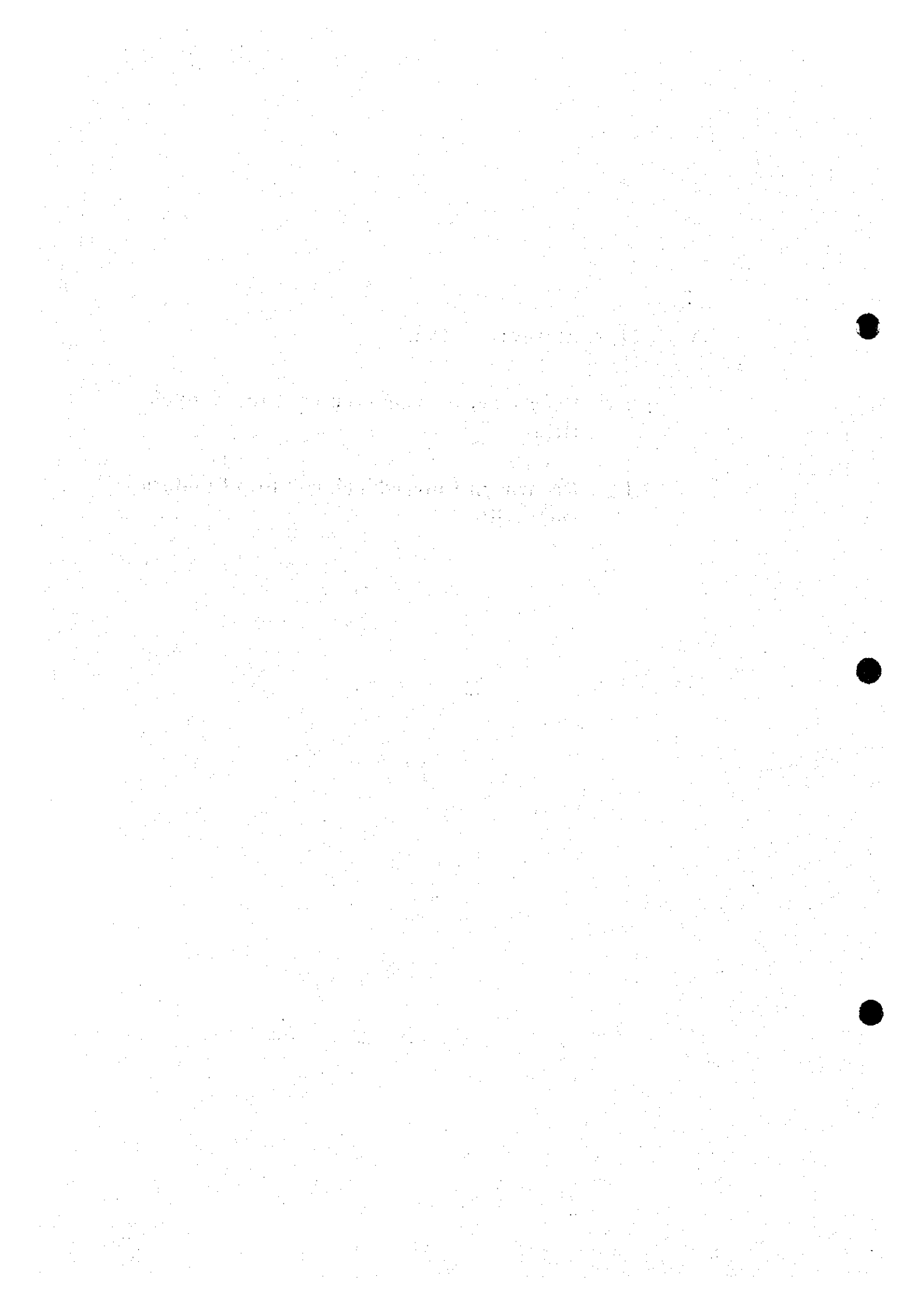
**DATA BOOK 5**  
**COLLECTION AND**  
**TRANSPORTATION STUDY**

**5.1**

**WASTE AMOUNT SURVEY**

**5.1.1 Records of the Car Weight of the Nanyuki Depot**

**5.1.2 Records of Entered Vehicles into Dandora Dump Site**



### 5.1.1 Records of the Car Weight of the Nanyuki Depot

#### (I) Records in the First Survey

Car Registration Number: GK354X (NYS)

Date	arrival time	Weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	9:19	4.70			2	
10/5	10:27	6.22	18.0	0.35	3	
11/5	9:55	6.83	18.0	0.38	2	
11/5	11:45	5.74	18.0	0.32	2	
12/5	-					no operation*
13/5	10:56	5.74	18.0	0.32	3	
13/5	13:27	2.88	18.0	0.16	2	
14/5	10:50	5.29	18.0	0.29	1	
14/5	13:30	4.32	18.0	0.24	3	
15/5	11:05	5.76	18.0	0.32	3	
15/5	13:55	7.05	18.0	0.39	3	
Average		5.45	18.0	0.31	2.4	

Note: \* "no operation" in this text indicates that the subjected vehicle did not operate in the survey period. The following remarks are described in the same manner.

Car Registration Number: KWE245 (NCC)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	10:23	3.51	12.5	0.28	2	
10/5	-					no operation
11/5	-					no records*
12/5	-					no records*
13/5	-					no records*
14/5	-					no records*
15/5	-					no records*
Average		3.51	12.5	0.28	2.0	

Note: \* "no records" in this text indicates that there is no record while the subjected vehicle actually operated in the survey period. The following remarks are described in the same manner.

**Car Registration Number: KWE063 (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	10:36	2.07	11.2	0.18	2	
10/5	-					no operation
11/5	-					no records
12/5	-					no records
13/5	-					no operation
14/5	-					no operation
15/5	-					no operation
<b>Average</b>		<b>2.07</b>	<b>11.2</b>	<b>0.18</b>	<b>2.0</b>	

**Car Registration Number: KAB388Q (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	15:36	4.61	12.2	0.38	2	
10/5	-					no operation
11/5	9:32	3.54	10.5	0.34	3	
11/5	11:40	6.70	10.5	0.64	2	
11/5	13:01	5.64	10.5	0.54	2	
12/5	11:35	3.40	10.5	0.32	3	
12/5	13:15	6.41	18.0	0.36	3	
12/5	15:06	6.16	10.5	0.59	2	
13/5	9:43	5.67	10.0	0.57	3	
13/5	11:46	4.39	14.0	0.31	2	
13/5	14:32	4.48	10.5	0.43	2	
14/5	9:53	4.38	14.5	0.30	3	
14/5	12:11	4.52	14.0	0.32	3	
15/5	11:13	5.01	10.5	0.48	3	
15/5	13:46	5.31	15.0	0.35	4	
<b>Average</b>		<b>5.02</b>	<b>12.2</b>	<b>0.42</b>	<b>2.6</b>	

## Car Registration Number: KWE084 (NCC)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	15:37	3.51	11.0	0.32	1	
10/5	-					no records
11/5	-					no records
12/5	-					no records
13/5	-					no records
14/5	-					no records
15/5	-					no records
Average		3.51	11.0	0.32	1.0	

## Car Registration Number: KAB389Q (NCC)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	-					no operation
10/5	9:35	2.88	10.0	0.29	1	
10/5	11:37	4.54	10.5	0.43	1	
10/5	13:42	4.91	10.5	0.47	2	
11/5	8:42	4.75	10.5	0.45	2	
11/5	11:19	5.88	10.5	0.56	2	
11/5	13:00	5.38	10.5	0.51	3	
12/5	-					no operation
13/5	-					no operation
14/5	-					no operation
15/5	10:13	4.90	10.5	0.47	3	
15/5	12:57	5.45	15.0	0.36	3	
Average		4.84	11.0	0.44	2.1	



**Car Registration Number: KAB292Q (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	-					no operation
10/5	12:15	4.54			2	
11/5	15:11	4.59			5	
12/5	15:25	1.25			2	
13/5	-					no operation
14/5	-					no operation
15/5	-					no operation
<b>Average</b>		<b>3.46</b>	<b>0.0</b>	<b>0.00</b>	<b>3.0</b>	

**Car Registration Number: KAB390Q (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	11:11	3.00	7.5	0.40	3	
9/5	14:45	3.00	14.0	0.21	2	
10/5	9:36	3.32	10.5	0.32	1	
10/5	11:35	0.03			1	
11/5	10:40	5.91	10.5	0.56	2	
11/5	14:30	5.43	10.5	0.52	3	
12/5	14:05	6.11	11.5	0.53	3	
13/5	8:53	6.37	10.5	0.61	3	
13/5	11:38	4.00	12.0	0.33	2	
13/5	13:32	4.29	16.0	0.27	2	
14/5	9:50	4.97	14.0	0.36	3	
14/5	11:19	3.56	10.5	0.34	3	
14/5	13:17	5.02	16.0	0.31	2	
15/5	10:12	4.25	10.5	0.40	3	
15/5	13:15	4.53	15.0	0.30	3	
<b>Average</b>		<b>4.25</b>	<b>12.1</b>	<b>0.39</b>	<b>2.4</b>	

## Car Registration Number: KWE071 (NCC)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	12:28	2.10	15.0	0.14	1	
9/5	15:09	1.16	12.5	0.09	1	
10/5	10:52	3.56	25.0	0.14	1	
11/5	-					no operation
12/5	11:45	4.25	18.0	0.24	9	
13/5	11:30	5.30			8	
14/5	-					no records
15/5	13:20	3.64	16.0	0.23	9	
Average		3.34	17.3	0.17	4.8	

## Car Registration Number: KUL994 (NCC)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	13:31	2.78	19.0	0.15	3	
10/5	9:15	2.16	18.8	0.11	1	
10/5	12:12	4.31	18.8	0.23	2	
10/5	15:17	8.24	20.7	0.40	1	
11/5	9:30	2.52	18.8	0.13	9	
11/5	13:03	2.96	18.0	0.16	8	
12/5	-					no operation
13/5	-					no operation
14/5	-					no records
15/5	-					no operation
Average		3.83	19.0	0.20	4.0	

**Car Registration Number: KUL997 (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	-					no operation
10/5	-					no operation
11/5	-					no operation
12/5	-					no operation
13/5	-					no operation
14/5	-					no operation
15/5	13:32	2.36			4	
<b>Average</b>		<b>2.36</b>	<b>0.0</b>	<b>0.00</b>	<b>4.0</b>	

**Car Registration Number: KAB392Q (NCC)**

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	-					no operation
10/5	10:06	3.39			2	
10/5	14:35	4.76			2	
11/5	9:21	5.82			1	
12/5	12:19	4.31			2	
13/5	12:10	3.87			2	
13/5	13:47	5.52			1	
14/5	13:32	4.62			3	
15/5	13:45	4.18			2	
<b>Average</b>		<b>4.56</b>	<b>0.0</b>	<b>0.00</b>	<b>1.9</b>	

## Car Registration Number: KXX829 (DRDS)

Date	arrival time	weight (ton)	load volume (m <sup>3</sup> )	unit weight (t/m <sup>3</sup> )	number of the crew	remarks
9/5	-					no operation
10/5	-					no operation
11/5	-					no operation
12/5	-					no operation
13/5	-					no operation
14/5	-					no operation
15/5	12:50	2.56			3	
<b>Average</b>		<b>2.56</b>	<b>0.0</b>	<b>0.00</b>	<b>3.0</b>	

(2) Records in the Second Survey

Car Registration Number: KWE084 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	9:30	6.08	empty		1	
27/11	15:13	6.38	empty		3	
Average		6.23				
24/11	15:40	4.85	8.06	0.60	9	
25/11	15:58	4.17	6.00	0.70	8	
26/11						no operation
27/11						no records
28/11	15:35	6.15	6.40	0.96	9	
29/11						no records
30/11						no records
1/12	15:55	4.02	10.00	0.40	6	
Average		4.80	7.62	0.66	8.0	

Car Registration Number: KWE082 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
25/11	10:05	6.00	empty		3	
Average		6.00				
24/11						no operation
25/11	15:07	2.42	6.40	0.38	9	
26/11						no records
27/11						no records
28/11						no records
29/11						no records
30/11						no records
1/12						no records
Average		2.42	6.40	0.38	9.0	

## Car Registration Number: KWE073 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	9:30	6.10	empty		1	
Average		6.10				
24/11	15:10	4.03	6.00	0.67	5	
25/11	15:24	4.64	7.20	0.64	10	
26/11	12:58	3.06	4.00	0.77	6	
27/11						no operation
28/11						no records
29/11						no records
30/11						no records
1/12						no records
Average		3.91	5.73	0.69	7.0	

## Car Registration Number: KWE044 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	9:30	6.27	empty		1	
Average		6.27				
24/11	14:16	1.90	6.00	0.32	9	
25/11						no operation
26/11						no operation
27/11						no operation
28/11						no operation
29/11						no operation
30/11						no operation
1/12						no operation
Average		1.90	6.00	0.32	9.0	

**Car Registration Number: KUL994 (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
26/11	13:20	5.76	empty		4	
<b>Average</b>		5.76				
24/11						no operation
25/11						no operation
26/11						no operation
27/11						no records
28/11						no records
29/11						no records
30/11	12:44	2.55	9.31	0.27	8	
1/12						no records
<b>Average</b>		2.55	9.31	0.27	8.0	

**Car Registration Number: KUL993 (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	10:30	6.28	empty		1	
<b>Average</b>		6.28				
24/11	14:27	3.62	5.00	0.72	6	
25/11						no records
26/11						no records
27/11						no records
28/11						no records
29/11						no records
30/11	14:42	3.18	10.34	0.31	7	
1/12	14:16	3.07	5.52	0.56	9	
<b>Average</b>		3.29	6.95	0.53	7.3	

## Car Registration Number: KUI992 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
Average		6.10				assumed
24/11						no records
25/11						no records
26/11						no records
27/11						no records
28/11						no records
29/11						no records
30/11	15:22	3.67	10.92	0.34	7	
1/12	14:48	2.77	4.00	0.69	8	
Average		3.22	7.46	0.51	7.5	

## Car Registration Number: KAB388Q (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	11:27	4.70	empty		1	
Average		4.70				
24/11	12:40	5.85	11.25	0.52	2	
24/11	14:10	4.67	9.00	0.52	2	
25/11	9:54	4.05	6.00	0.68	3	
25/11	11:50	4.64	7.80	0.59	1	
25/11	14:19	5.11	7.80	0.66	2	
26/11						no records
27/11						no records
28/11						no records
29/11						no records
30/11	12:36	3.33	6.60	0.50	1	
30/11	14:06	3.78	6.60	0.57	1	
1/12						no records
Average		4.49	7.86	0.58	1.71	



**Car Registration Number: KAB389Q (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	10:28	4.65	empty		1	
<b>Average</b>		4.65				
24/11	13:45	4.91	11.25	0.44	2	
24/11	14:35	6.35	6.00	1.06	1	
25/11	10:40	4.72	6.00	0.79	2	
25/11	12:09	4.37	6.00	0.73	2	
25/11	13:40	3.93	6.00	0.66	2	
26/11	10:32	2.62	4.50	0.58	2	
26/11	12:27	4.20	4.50	0.93	2	
26/11	14:58	2.81	4.20	0.67	2	
27/11						no records
28/11						no records
29/11						no records
30/11	12:20	3.37	6.10	0.55	2	
30/11	14:49	1.49	4.80	0.31	5	
1/12						
<b>Average</b>		3.88	5.94	0.67	2.20	

**Car Registration Number: KAB391Q (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
26/11	13:53	4.59	empty		1	
<b>Average</b>		4.59				
24/11						no records
25/11						no operation
26/11	15:05	2.91	3.00	0.97	2	
27/11	15:13	2.65	3.00	0.88	8	
28/11	13:26	1.47	1.20	1.23	8	
30/11	12:20	2.06	6.00	0.34	1	
30/11	14:00	2.93	6.60	0.44	3	
1/12	14:30	3.49	4.20	0.83	2	
<b>Average</b>		2.59	4.00	0.78	4.00	

## Car Registration Number: KAB392Q (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
30/11	10:39	4.20	empty		1	
Average		4.20				
24/11						no operation
25/11						no operation
26/11						no operation
27/11						no operation
28/11						no operation
29/11						no operation
30/11	12:28	3.61	4.21	0.86	2	
30/11	14:38	3.91	6.00	0.65	1	
1/12	11:32	4.30	6.00	0.72	3	
1/12	13:27	4.72	7.20	0.66	3	
1/12	14:53	4.11	6.00	0.69	3	
Average		4.13	5.88	0.71	2.40	

## Car Registration Number: KAH606Y (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
Average		4.20				assumed
24/11						no operation
25/11						no operation
26/11						no operation
27/11						no records
28/11						no records
29/11						no records
30/11	14:00	2.42	2.40	1.01	2	
1/12	11:37	3.84	6.00	0.64	2	
1/12	14:07	2.89	4.20	0.69	2	
Average		3.05	4.20	0.78	2.00	

## Car Registration Number: KAH009Y (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
<b>Average</b>		4.20				assumed
24/11						no operation
25/11						no operation
26/11						no operation
27/11						no operation
28/11	15:07	1.51	0.40	3.78	2	
29/11						no records
30/11	12:42	5.56	7.80	0.71	2	
30/11	13:48	4.83	7.20	0.67	1	
1/12	11:25	5.78	5.20	1.11	2	
1/12	13:12	6.84	9.00	0.76	2	
1/12	14:48	6.86	7.00	0.98	3	
<b>Average</b>		5.23	7.24	0.85	2.00	

## Car Registration Number: KAH013Y (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	9:44	4.95	empty		1	
<b>Average</b>		4.95				
24/11	14:10	3.24	6.00	0.54	2	
25/11	10:28	6.56	7.20	0.91	3	
25/11	12:02	4.47	6.00	0.55	2	
25/11	13:19	5.48	6.50	0.84	2	
26/11	12:13	5.40	6.00	0.90	2	
26/11	13:26	4.55	6.80	0.67	2	
27/11						no records
28/11						no records
29/11						no records
30/11	12:41	4.69	7.20	0.65	1	
30/11	14:22	4.52	6.00	0.75	2	
1/12						no records
<b>Average</b>		4.86	6.46	0.73	2.00	

## Car Registration Number: KAH019Y (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	9:40	6.64	empty		1	
Average		4.20				assumed
24/11	13:47	2.07	6.00	0.35	2	
25/11	10:52	5.76	7.20	0.80	1	
25/11	12:46	5.09	5.30	0.55	2	
25/11	14:19	6.34	7.20	0.88	2	
26/11	10:18	4.15	7.80	0.53	2	
27/11						no records
28/11						no records
29/11						no operation
30/11						no operation
1/12	14:27	4.47	7.20	0.62	2	
Average		4.65	6.78	0.62	1.83	

## Car Registration Number: KAB286Q (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
26/11	9:34	7.85	empty		4	
Average		7.85				
24/11						no records
25/11						no operation
26/11						no records
27/11						no operation
28/11						no operation
29/11						no operation
30/11						no operation
1/12						no operation
Average		0.00	0.00	0.00	0.00	

**Car Registration Number: KAB289Q (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
24/11	10:01	7.95	empty		1	
<b>Average</b>		7.95				
24/11						no records
25/11						no records
26/11						no records
27/11						no records
28/11						no records
29/11						no records
30/11						no records
1/12						no records
<b>Average</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

**Car Registration Number: PH679 (NCC)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	Remarks
24/11	10:40	6.04	empty		2	
<b>Average</b>		6.04				
24/11	13:13	5.69	10.20	0.56	3	
24/11	14:27	7.15	12.00	0.60	3	
25/11	11:18	6.71	4.34	0.55	2	
25/11	12:46	5.93	6.10	0.97	2	
26/11						no records
27/11						no operation
28/11						no operation
29/11						no records
30/11						no records
1/12						no operation
<b>Average</b>		<b>6.37</b>	<b>8.16</b>	<b>0.67</b>	<b>2.50</b>	

## Car Registration Number: KUL992 (NCC)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
Average						assumed
24/11						no records
25/11						no operation
26/11						no operation
27/11						no operation
28/11						no operation
29/11						no records
30/11	13:34	10.53	7.34	1.43	4	
1/12	12:36	13.33	3.24	4.11	4	
1/12	14:54	11.06	5.97	1.85	3	
Average		11.64	5.52	2.47	3.67	

## Car Registration Number: KAE636H (City Bins)

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
Average						assumed
24/11						
25/11						
26/11	9:30	9.13	11.52	0.79	5	
27/11						
28/11						
29/11						
30/11						
1/12						
Average		9.13	11.52	0.79	5.00	

**Car Registration Number: KAI1850S (City Bins)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
26/11	12:05	3.53	empty		6	
<b>Average</b>		3.53				
24/11						
25/11						
26/11	10:13	5.36	10.20	0.53	6	
27/11						
28/11						
29/11						
30/11						
1/12						
<b>Average</b>		5.36	10.20	0.53	6.00	

**Car Registration Number: KRX593 (Tacentac)**

Date	arrival time	weight* (ton)	load volume (m3)	unit weight (t/m3)	number of the crew	remarks
27/11	13:35	4.56	empty		2	
<b>Average</b>		4.56				
24/11						
25/11						
26/11						
27/11	9:42	7.30	10.50	0.70	2	
28/11						
29/11						
30/11						
1/12						
<b>Average</b>		7.30	10.50	0.70	2.00	

## 5.1.2 Records of Entered Vehicles into Dandora Dump Site

## (1) Records in the First Survey

(Date: 9/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KUJ283	pick-up	3	9:15	18.0	Avenue Park	O	Green View
2	KZF021	pick-up	3	9:45	7.5	Pipeline	I	Sky Plastic
3	KAE761R	lorry	5	10:10	38.0	Spring Valley	O	Bins
4	KWT479	lorry	1	10:20	12.5	Industrial Area	I	EAI
5	KAE34IU	lorry	5	10:25	38.0	Parklands	O	Bins
6	KAH850S	lorry	3	10:40	20.0	Kilimani	O	City Bins
7	KUJ283	pick-up	3	10:50	18.0	Pipeline	O	Green View
8	KAB155T	lorry	2	11:30	9.0	Zimerman	I	Kamiti Tanners
9	KAB390Q	lorry	11	11:50	7.5	City Market	M	NCC
10	KUL976	lorry	5	12:20	16.0	JKA	T	NCC
11	KRX593	lorry	6	12:25	28.7	Bugan Est.	O	Tacentac
12	KSB133	pick-up	7	12:35	6.7	Umoja	O	Wanstar
13	KAD984U	lorry	4	12:35	7.0	Ruaraka	I	Chandaria
14	KUT108	lorry	4	12:45	7.0	Industrial Area	I	Manu Enterprise
15	KWE071	lorry	10	13:00	15.0	Mbotela Est.	R	NCC
16	KAB155T	lorry	2	13:10	9.0	Zimerman	I	Kamiti Tanners
17	KUZ647	lorry	3	13:15	13.5	Kilimani	O	DRDS
18	KRJ739	pick-up	3	13:35	6.7	Umoja	O	Wanstar
19	KAE953R	lorry	4	13:36	10.0	City Centre	M	Bins
20	KRC975	pick-up	3	13:38	9.0	Ngara	O	Private*
21	KXX829	lorry	3	13:45	16.0	Kilimani	O & T	DRDS
22	KAC691B	lorry	8	13:55	19.0	Athi River	I	KAPA
23	KAD151R	lorry	5	14:05	10.0	Njiru	I	Deras
24	KAC975R	lorry	3	14:30	13.5	Kilimani	O	DRDS
25	KAJ636	lorry	6	14:31	22.5	Industrial Area	I	Bins
26	KUL994	lorry	12	14:34	19.0	Eastleigh	R	NCC
27	GK354X	lorry	2	14:50	16.7	Mbotela	O	NYS
28	KAD554T	lorry	3	14:52	13.5	Kilimani	O	City Bins
29	KWT479	lorry	1	14:54	13.0	Industrial Area	I	EAI
30	KUL976	lorry	5	14:57	15.0	JKA	I	NCC
31	KYS63	pick-up	4	14:59	3.8	Umoja	O	SIS Marrgma
32	KWE063	lorry	8	15:02	11.2	Komo Rock	O	NCC

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)



(Date: 9/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	Name of Organisation
33	KAC063L	lorry	7	15:08	6.2	Athi River	I	KAPA
34	KAB390Q	lorry	11	15:10	14.0	Tubman Rd.	R	NCC
35	KZJ925	pick-up	5	15:20	3.7	Sadrack	O	Clean Home
36	KAE761R	lorry	5	15:23	12.5	Highrise	O	Bins
37	KXU839	lorry	4	15:35	13.5	Hurlingham	O	Nairobi Garbage Collectors
38	KWE071	lorry	10	15:37	12.5	Mbotela	O	NCC
39	KAB388Q	lorry	5	15:55	12.2	Ngara	O	NCC
40	KAE636H	lorry	3	15:57	15.0	Parklands	O	Bins
41	KWE084	lorry	10	16:05	11.0	Dagoretti	O	NCC
42	KAE386R	lorry	4	16:10	18.0	Kagemi	O	Bins
43	KSB133	pick-up	7	16:15	9.0	Umoja II	O	Wanstar Enterprise
44	KRX593	lorry	6	16:18	26.0	South C	O	Tacentac
45	KWE245	lorry	8	16:21	12.5	Brooke Side	I	NCC
46	KZF021	pick-up	3	16:25	5.6	Huruma	O	Sky Plastic
47	KUL994	lorry	11	16:30	12.5	Eastleigh	O	NCC
48	KZV006	lorry	4	17:11	18.0	City Centre	M	Bins
49								
50								
51								
52				<b>Total</b>	<b>672.5</b>	<b>m<sup>3</sup></b>		
53				NCC	175.1	m <sup>3</sup>		
54				Private	497.4	m <sup>3</sup>		
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 10/5 (1/3))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KVDI61	pick-up	2	8:30	5.6	Kariobangi South	O	Protos
2	KRT282	lorry	2	9:40	12.5	Industrial Area	I	LSHS
3	KAA945L	lorry	3	9:45	19.7	JKA	I	NAS
4	KXF820	lorry	5	10:05	12.5	Lenana	O	Bins
5	KAB389Q	lorry	3	10:27	10.0	City Market	M	NCC
6	KAA309W	tractor	2	10:29	6.0	Kampala Rd.	I	ABM
7	KUL994	lorry	10	10:30	18.8	Shauri Moyo	O	NCC
8	KAB390Q	lorry	1	10:33	10.5	City Market	M	NCC
9	KZF021	pick-up	3	10:36	5.2	Pipeline	I	SKT Plastic
10	KAE530T	lorry	2	11:05	12.0	United Chemical	I	United Chemical
11	KMD291	pick-up	3	11:15	7.8	Junja Est.	O	Private*
12	KVDI61	pick-up	2	11:20	5.6	Kariobangi	O	Protos
13	KSD640	pick-up	4	11:22	3.0	Umoja	O	Magast
14	KUD409	pick-up	3	11:30	2.1	Pangani	O	Friend of Environment
15	KAB392Q	lorry	2	11:40	10.5	City Market	M	NCC
16	KAA930C	tractor	2	11:42	8.7	EAI	I	EAI
17	KUT109	lorry	4	11:45	8.7	Impala	I	Manu Enterprise
18	GK354X	lorry	3	11:49	18.0	Majengo	I	NYS
19	KUJ283	pick-up	2	12:05	12.0	Buru Buru	O	Danycoll Agency
20	KWE071	lorry	8	12:15	25.0	Mugoya	O	NCC
21	KLY636	lorry	6	12:20	18.5	Highrise	O	Bins
22	KRJ585	lorry	2	12:30	25.0	Langata	O	ROC
23	KUY703	pick-up	3	12:35	4.5	Tena Est.	O	Ultimate
24	KAB390Q	lorry	2	12:37		Solidarity	M	NCC
25	KAB389Q	lorry	3	12:38	10.5	Solidarity	M	NCC
26	KJY545	pick-up	4	12:39	4.5	Buru Buru	O	Enviroclean
27	KWT479	tractor	2	12:45	11.2	EAI	I	EAI
28	KUL994	lorry	2	12:46	18.8	Solidarity	M	NCC
29	KAE953L	lorry	4	12:48	18.0	Kilimani	O	Bins
30	KAB292Q	lorry	10	12:50	16.0	680 Hotel	I	NCC
31	KAG979R	lorry	4	12:51	9.0	Town Centre	M	DRDS
32	KVL788	lorry	5	12:59	6.0	Green View	O	CEPA

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

\* : Name of the organization was unknown. The following remarks are described in the same manner.

(Date: 10/5 (2/3))

No.	registration number	type of Vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KAC269U	pick-up	3	13:00	3.0	Kariobangi	M	Private*
34	KUL976	Lorry	6	13:02	20.7	JKA	I	NCC
35	KYS643	pick-up	3	13:15	5.6	Buru Buru	O	Bins
36	KZK162	Lorry	3	13:40	13.5	Buru Buru	O	Pio-Dumpers
37	KUD409	pick-up	3	13:45	3.7	Eastleigh	O	Friend of Environment
38	KAD887R	Lorry	4	13:50	25.5	Buru Buru	O	Private*
39	KYE379	Lorry	2	13:55	8.0	Limuru Rd. Market	T	Kenchie
40	KRF542	pick-up	3	14:00	10.0	Umoja	O	Wanstar
41	KUD161	pick-up	2	14:05	5.6	Kayole	O	Protos
42	KQM954	pick-up	4	14:09	3.7	Mumias Rd.	R	CRED
43	KPQ698	pick-up	4	14:16	9.0	Umoja	O	Joy City Cleaner
44	KAB389Q	Lorry	2	14:16	10.5	Pumwani	O	NCC
45	KUG014	pick-up	2	14:18	5.6	Umoja	O	Gurmest
46	KAE341U	Lorry	4	14:20	8.5	Ngumo	O	Bins
47	RTU174	pick-up	2	14:23	5.0	Tena Est.	O	Private*
48	KWY131	pick-up	3	14:26	3.5	Umoja	O	Private*
49	KWF352	Lorry	6	14:30	10.0	Umoja	O	NCC
50	KUX360	Lorry	3	14:35	9.5	Industrial Area	I	Bins
51	KSD640	pick-up	4	14:40	4.5	Buru Buru	O	Magust
52	KJY545	Lorry	4	14:45	6.7	Buru Buru	O	Enviroclean
53	KAC691B	Lorry	8	14:47	24.3	Athi River	I	KAPA
54	KAE636H	Lorry	3	14:50	10.0	South B	O	City Bins
55	KWE084	Lorry	8	15:00	15.0	Karen	O	NCC
56	KAE761R	Lorry	5	15:05	25.0	Spring Valley	H	Bins
57	KAB392Q	lorry	2	15:11	10.5	Majengo	O	NCC
58	KUD161	pick-up	3	15:15	3.4	Kariobangi	O	Protos
59	KZV006	lorry	3	15:18	12.0	South B	O	Bins
60	KAB389Q	lorry	2	15:45	10.5	Pumwani	O	NCC
61	KUL994	lorry	3	15:50	25.0	Majengo	O	NCC
62	KAH850S	lorry	3	16:00	15.0	Westlands	O	Bins
63	KZY577	lorry	4	16:05	10.5	Industrial Area	I	Mathu
64	KAD981	lorry	3	16:15	3.5	Kariobangi	O	Bins

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 10/5 (3/3))

No.	registration number	type of Vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
65	KZT925	Lorry	2	16:20	13.5	Langata	O	Clean Home
66	KYS643	pick-up	3	16:30	3.0	Uhuru	O	Sakata
67	KUD409	pick-up	2	16:32	3.5	Eastleigh	O	Friend of Environment
68	KWQ642	pick-up	4	16:48	3.5	Imara Daima	O	Garbo-C-Clean
69	KYT061	Lorry	4	16:50	25.0	Mugoya	O	Bins
70	KUG014	pick-up	2	16:50	3.5	Umoja	O	Gurmest
71	KRX593	Lorry	3	17:05	18.5	Langata	O	Tacentac
72	KTX879	Lorry	4	17:28	25.0	Industrial Area	I	KAPA
73	KUD161	pick-up	2	17:40	3.5	Kariobangi	O	Protos
74	KRT282	Lorry	2	17:58	2.0	Industrial Area	I	LSHS
75								
76								
77				Total	794.0	m <sup>3</sup>		
78				NCC	240.3	m <sup>3</sup>		
79				Private	553.7	m <sup>3</sup>		
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 11/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
1	KAA945L	lorry	3	7:15	25.7	JKA	T	NAS
2	KWE084	lorry	4	8:30	18.8	California	O	NCC
3	KPK768	pick-up	4	8:40	3.5	Majengo	O	Chumu
4	KAB389Q	lorry	1	9:00	10.5	Wakulima	M	NCC
5	KAB292Q	lorry	2	9:20	16.0	Town Centre	M	NCC
6	KAD984U	lorry	1	9:40	7.0	Industrial Area	I	Mathu
7	KAB392Q	lorry	2	10:00	10.5	Wakulima	M	NCC
8	KUL994	lorry	8	10:01	18.8	Shauri Moyo	O	NCC
9	KAB388Q	lorry	2	10:02	10.5	City Market	M	NCC
10	KZJ925	pick-up	2	10:04	3.0	Muthithi Rd.	R	Clean Home
11	KAB155T	lorry	2	10:15	6.0	Kamiti	O	Abdual
12	GK354X	lorry	2	10:20	18.0	Pumwani	O	NYS
13	KAB390Q	lorry	2	11:06	10.5	Majengo	O	NCC
14	KAB392Q	lorry	2	11:22	10.5	Majengo	O	NCC
15	KAB155T	lorry	2	11:30	6.5	Kamiti	O	Abdual
16	KAB388Q	lorry	2	11:30	10.5	Pumwani	O	NCC
17	KAD984U	lorry	1	11:38	7.5	Industrial Area	I	Mathu
18	KAB389Q	lorry	2	11:38	10.5	Pumwani	O	NCC
19	KWE063	lorry	5	11:52	18.2			NCC
20	GK354X	lorry	2	12:10	18.0	Pumwani	O	NYS
21	KUL976	lorry	5	12:20	20.7	JKA	I	NCC
22	KAB155T	lorry	2	12:50	6.5	Kamiti	O	Abdual
23	KAB388Q	lorry	2	13:21	10.5	Pumwani	O	NCC
24	KAB392Q	lorry	2	13:25	10.5	Pumwani	O	NCC
25	KAB389Q	lorry	2	13:28	10.5	Pumwani	O	NCC
26	KUL994	lorry	4	14:00	18.0	Komo Rock	O	NCC
27	KAB390Q	lorry	2	14:50	10.5	Wakulima	M	NCC
28	KWE245	lorry	4	14:55	25.0	Ngara	O	NCC
29	KAD984U	lorry	2	15:20	7.0	Industrial Area	I	Mathu
30	KAB292Q	lorry	3	15:30	16.5	Town Centre	M	NCC
31	KZY577	lorry	4	15:55	26.0	Athi River	I	ABM
32	KWE084	lorry		16:05	18.0	Dagoretti	O	NCC

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 11/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
33	KZJ925	pick-up	3	16:15	4.5	Langata	O	Clean Home
34	KZK162	lorry	4	16:35	19.5	Buru Buru	O	
35	KVQ788	pick-up	5	17:00	3.5	Greenfield	O	CEPA
36	KAC269C	pick-up	3	17:40	3.5	Kariobangi	O	Private*
37	KSYS45	pick-up	3	18:01	4.2	Buru Buru	O	Enviroclean
38	KAB887A	lorry	4	18:15	18.7	Umoja	O	Private*
39								
40								
41								
42				<b>Total</b>	<b>474.1</b>	<b>m<sup>3</sup></b>		
43				<b>NCC</b>	<b>321.5</b>	<b>m<sup>3</sup></b>		
44				<b>Private</b>	<b>152.6</b>	<b>m<sup>3</sup></b>		
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 12/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
1	KAA945L	lorry	3	6:30	27.5	JKA	T	NAS
2	KXF820	lorry	5	9:00	25.0	Industrial Area	I	Bins
3	KAB155T	lorry	2	9:30	18.0	Kamiti	I	Kamiti Tanners
4	KWE084	lorry	4	10:27	10.0	Town Centre	M	NCC
5	GKL777	lorry	5	11:05	14.2	GSU	O	GSU
6	KAE953L	lorry	4	11:20	18.0	Muthaiga	O	Bins
7	KAB388Q	lorry	2	11:56	10.5	City Market	M	NCC
8	KWE071	lorry	9	12:03	18.0	Westlands	O	NCC
9	KAD984U	lorry	1	12:20	7.0	Baba Ndogo	O	Chandaria
10	GK354X	lorry	2	12:30	18.0	Pumwani	H	NYS
11	KXX829	lorry	3	12:35	13.5	Westlands	O	DRDS
12	KYT108	lorry	4	12:40	13.5	Impala	I	
13	KAB392Q	lorry	2	12:45	10.5	Shauri Moyo	O	NCC
14	KAB392Q	lorry	8	12:48	16.5	Town	O	NCC
15	KUZ647	lorry	3	12:50	12.0	Westlands	O	DRDS
16	KYZ632	lorry	5	13:00	10.5	Orbit Chemicals	I	Orbit Chemicals
17	KAE441R	lorry	5	13:40	12.0	Runda	O	Bins
18	KAB388Q	lorry	2	13:45	18.0	Eastleigh	O	NCC
19	GK354X	lorry	2	14:02	18.0	Eastleigh	O	NYS
20	KWT479	tractor	1	14:15	13.0	Industrial Area	I	EAI
21	KAB390Q	lorry	2	14:16	11.5	Eastleigh	O	NCC
22	KAG975R	lorry	3	14:30	12.0	Muthaiga	O	DRDS
23	KMQ459	tractor	3	14:45	10.5	Njiru	O	Beras
24	KAB392Q	lorry	2	15:05	18.0	Shauri Moyo	O	NCC
25	KAD794Y	lorry	5	15:10	12.0	Runda	O	Bins
26	KAE953R	lorry	4	15:15	12.0	Muthaiga	O	Bins
27	93KA70	tractor	1	15:20	5.0	DOD	O	Army
28	KUX360	lorry	4	15:30	12.0	Industrial Area	I	Bins
29	KAB388Q	lorry	2	15:31	10.5	Eastleigh	O	NCC
30	KAB292Q	lorry	5	15:40	16.0	Town Centre	M	NCC
31	KWE071	lorry	4	16:00	10.0	Nairobi West	O	NCC
32	KWE084	lorry	2	16:01	15.0	Dagoretti	O	NCC

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 12/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
33	KAD934U	lorry	1	16:10	6.0	Industrial Area	I	Mathu
34	KWE063	lorry	3	16:25	16.0	Wakulima	M	NCC
35	GK2146	lorry	3	16:45	16.0	Ruaraka	O	GK
36	KWE245	lorry	5	16:55	15.7	Loresho	O	NCC
37	KZY577	lorry	5	17:40	24.3	Athi River	I	ABM
38	KPK765	pick-up	2	18:11	3.0	Pumwani	O	Chumu
39								
40								
41								
42				<b>Total</b>	<b>529.2</b>	<b>m<sup>3</sup></b>		
43				<b>NCC</b>	<b>232.2</b>	<b>m<sup>3</sup></b>		
44				<b>Private</b>	<b>297.0</b>	<b>m<sup>3</sup></b>		
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)



(Date: 13/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
1	KAA945L	lorry	3	6:45	28.4	JKA	I	NAS
2	KYE379	lorry	3	7:40	7.5	Limuru Rd. Market	I	Kenchie
3	KRU978	lorry	3	9:10	12.0	Industrial Area	I	Paper Bags Ltd.
4	KAE636H	lorry	4	9:11	13.5	Kilimani	O	City Bins
5	KAB390L	lorry	1	9:15	10.5	Shauri Moyo	O	NCC
6	KAH850S	lorry	3	9:16	12.0	Lavington	O	City Bins
7	08KAF92	lorry	2	9:30	13.0	Moi Air Base	O	Army
8	KXF820	lorry	4	9:45	18.0	Muthaiga	O	Bins
9	KWT479	tractor	1	10:30	13.5	Industrial Area	I	EAI
10	KAB292Q	lorry	8	10:10	16.0	Town	I	NCC
11	KWE245	lorry	2	10:25	16.0	Town	I	NCC
12	KAB338Q	lorry	1	10:55	10.0	Town	T	NCC
13	KAE761R	lorry	6	11:05	12.0	CMC	I	Bins
14	KAB155T	lorry	2	11:07	8.0	Muthaiga	O	Kamiti Tanners
15	KAA930C	lorry	1	11:10	7.0	Industrial Area	I	EAI
16	GK354X	lorry	3	11:20	18.0	Town	M	NYS
17	KAC691B	lorry	7	11:22	20.0	Industrial Area	I	KAPA
18	KAC915B	lorry	5	11:30	14.0	Industrial Area	I	CEPA
19	KAB151R	lorry	3	11:35	12.0	Industrial Area	I	Deras
20	KZY606	lorry	4	11:45	14.0	Town	T	Bins
21	KAG059D	lorry	4	12:15	16.0	Westlands	O	City Hygiene Service
22	KAB390Q	lorry	2	12:25	12.0	Town	T	NCC
23	KDD867	lorry	5	12:30	12.5	Langata	O	ROC
24	KAB388Q	lorry	2	12:35	14.0	Town	T	NCC
25	KUT108	lorry	3	12:41	16.0	Impala Glass	I	Manu
26	GKL717	lorry	3	12:46	17.0	Ruaraka	O	GSU
27	KAB392Q	lorry	2	12:48	16.5	Town	T	NCC
28	KAE953R	lorry	3	12:50	16.0	Westlands	O	Bins
29	KAA210Q	lorry	3	12:55	16.0	Ruaraka	O	Tread Setters
30	KWT479	tractor	2	12:59	10.0	Industrial Area	I	EAI
31	KQY636	lorry	5	13:15	20.0	Industrial Area	I	Bins
32	GK354X	lorry	3	14:00	18.0	City Market	M	NYS

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 13/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
33	KAB390Q	lorry	2	14:00	16.0	City Market	M	NCC
34	KQX282	pick-up	6	14:05	12.0	Hurlingham	O	City Recycler
35	KAE786R	lorry	4	14:05	14.0	Westlands	O	Bins
36	KVS632	pick-up	3	14:10	14.0	Orbit Chemicals	I	Orbit Chemicals
37	KAB392Q	lorry	1	14:10	16.0	Wakulima	M	NCC
38	KUS997	lorry	3	14:20	9.0	Industrial Area	I	DRDS
39	KAG693T	lorry	6	14:40	11.5	Industrial Area	I	D.T Dobie
40	KUZ647	lorry	3	14:45	9.5	Kileleshwa	O	DRDS
41	08KAF92	lorry	3	14:50	11.5	Moi Air Base	O	Army
42	KAB388Q	lorry	2	14:50	10.5	Wakulima	M	NCC
43	KXX829	lorry	3	15:00	14.0	Industrial Area	I	DRDS
44	KRX593	lorry	5	15:15	15.5	South C	O	Tacentac
45	KAD989U	lorry	1	15:20	7.0	Ruaraka	I	Chandaria
46	KAB155T	lorry	2	15:25	8.0	Muthaiga	O	Kamiti Tanners
47	KWE084	lorry	1	16:00	18.0	Dagoretti	O	NCC
48	KWE245	lorry	9	16:05	18.0	Lakeview	O	NCC
49	GKK777	lorry	3	16:10	17.0	Ruaraka	O	GSU
50	KAG975R	lorry	3	16:20	15.5	Lavington	O	DRDS
51	KQS282	lorry	5	16:35	7.0	Imara Daima	O	City Recycler
52	KAB441W	lorry	5	16:35	17.0	Lavington	O	Bins
53	KWT479	tractor	1	17:00	10.0	Industrial Area	I	EAI
54	KAE341U	lorry	5	17:00	10.0	Industrial Area	I	Bins
55	KAE953R	lorry	4	17:30	10.0	Riverside	O	Bins
56	KZV006	lorry	3	17:35	13.5	Umoja	O	Bins
57								
58								
59								
60				Total	763.9	m <sup>3</sup>		
61				NCC	209.5	m <sup>3</sup>		
62				Private	554.4	m <sup>3</sup>		
63								
64								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 14/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
1	KA945L	lorry	3	7:00	24.0	JKA	I	NAS
2	KAE953R	lorry	3	8:30	9.0	Westlands	O	Bins
3	KXF820	lorry	4	8:35	20.0	Lavington	O	Bins
4	KRX593	lorry	3	8:40	18.0	South C	O	ROC
5	KAH850S	lorry	3	8:45	14.0	Runda	O	Bins
6	KAE637	lorry	3	9:00	17.0	Parklands	O	City Bins
7	KVT278	tractor	2	9:00	10.0	Avon	I	Avon
8	KAD794Y	lorry	4	9:20	17.0	Industrial Area	I	Bins
9	KWT108	lorry	4	9:30	12.0	Impala	I	Manu
10	KAB390Q	lorry	3	10:15	14.0	City Centre	M	NCC
11	KAB388Q	lorry	4	10:20	14.5	City Centre	M	NCC
12	KZJ925	pick-up	2	10:55	4.0	Buru Buru	O	Clean Home
13	KZF021	pick-up	2	11:10	4.0	Industrial Area	I	Sky Plastic
14	GK354X	lorry	4	11:30	18.0	Aera Hamja Rd.	R	NYS
15	93KA70	tractor	2	11:40	6.0	DOD	O	Army
16	KAB390Q	lorry	3	11:54	10.5	Town	R	NCC
17	KA930C	tractor	2	11:55	6.0	Industrial Area	I	EAI
18	KAG975R	lorry	3	11:55	12.0	Embakasi	O	DRDS
19	KAD151R	lorry	3	12:15	16.0	Njiru	I	Deras
20	KAB388Q	lorry	4	12:30	14.0	City Centre	M	NCC
21	KVJ226	lorry	2	13:15	28.0	Industrial Area	I	CEPA
22	KAC063L	lorry	3	13:25	16.0	Athi River	I	KAPA
23	KVS632	lorry	3	13:35	10.0	Athi River	I	Orbit Chemicals
24	KAB390Q	lorry	3	13:35	16.0	Town	R	NCC
25	KZF021	pick-up	2	13:55	4.0	Industrial Area	I	Sky Plastic
26	KAB392Q	lorry	3	14:02	16.0	Town	R	NCC
27	GK354X	lorry	3	14:10	18.0	Town	R	NYS
28	KAC761R	lorry	4	14:20	16.0	Nyayo Est.	O	Bins
29	KXX829	lorry	3	14:25	15.0	Embakasi	O	DRDS
30	KUT108	lorry	4	14:50	12.0	Impala	I	Manu
31	KWE071	lorry	4	14:55	16.0	Town	I	NCC
32	KWT479	tractor	1	15:10	7.0	Industrial Area	I	EAI

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 14/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
33	KAE441R	lorry	5	15:30	16.0	Industrial Area	I	Bins
34	KZJ925	pick-up	2	15:30	4.0	Langata	O	Clean Home
35	KAH838S	lorry	3	15:35	12.0	Parklands	O	City Bins
36	KAD554T	lorry	2	15:38	14.0	Westlands	O	City Bins
37	GKL777	lorry	3	15:40	16.0	Ruaraka	O	GSU
38	KRX593	lorry	3	15:45	18.0	South C	O	Tacentac
39	KWE245	lorry	8	15:50	17.0	Ngara	O	NCC
40	KAB388Q	lorry	1	15:50	15.0	Town	M	NCC
41	KUL994	lorry	5	16:05	14.0	Eastleigh	O	NCC
42	KUL997	lorry	3	16:06	10.0	Town	I	NCC
43	KWE084	lorry	1	16:06	16.0	Dagoretti	O	NCC
44	KZV006	lorry	5	16:08	14.0	Town	I	Bins
45	KZF021	pick-up	2	16:15	4.0	Industrial Area	I	Sky Plastic
46	KAE636H	lorry	3	16:30	14.0	South C	O	City Bins
47	KAE341U	lorry	3	16:35	12.0	South C	O	Bins
48	KUZ647	lorry	3	16:50	12.0	Industrial Area	I	DRDS
49	KAE636R	lorry	3	17:20	12.0	Industrial Area	I	Bins
50								
51								
52								
53				<b>Total</b>	<b>654.0</b>	<b>m<sup>3</sup></b>		
54				NCC	209.0	m <sup>3</sup>		
55				Private	445.0	m <sup>3</sup>		
56								
57								
58								
59								
60								
61								
62								
63								
64								

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 15/5 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
1	KAA945L	lorry	3	7:00	25.0	JKA	I	NAS
2	KYE379	lorry	4	7:30	18.0	Limuru	I	Kenchic
3	KMD459	tractor	3	10:10	7.0	Njiru	I	Deras
4	KAB155T	lorry	2	10:15	12.0	Kamiti	I	Kamiti Tanners
5	KAA930C	tractor	1	10:20	16.0	Industrial Area	I	EAI
6	KAB390Q	lorry	3	10:30	10.5	Town	R	NCC
7	KXF820	lorry		10:40	18.0	Parklands	O	Bins
8	KAB389Q	lorry	3	10:50	10.5	Town	R	NCC
9	KAE953R	lorry	3	11:00	16.0	Karen	O	Bins
10	KAB388Q	lorry	2	11:45	10.5	Town	R	NCC
11	KAB155T	lorry	2	11:50	12.0	Kamiti	I	Kamiti Tanners
12	KZJ925	pick-up	2	12:05	5.0	Kisumu	O	Clean Home
13	GK354X	lorry	3	12:05	18.0	Town	R	NYS
14	KAC691B	lorry	7	12:15	20.0	Industrial Area	I	KAPA
15	KAD794Y	lorry	4	13:06	16.0	Karen	O	Bins
16	93KATO	tractor	1	13:06	6.0	DOD	O	Army
17	KAC063L	lorry	3	13:10	17.0	Athi River	I	KAPA
18	KWE342	lorry	2	13:15	15.0	Buru Buru	O	Pik-A-Kam Services
19	KAB389Q	lorry	3	13:20	15.0	Town	T	NCC
20	KAB390Q	lorry	2	13:30	15.0	Town	T	NCC
21	KWE084	lorry	4	13:40	16.0	Dagoretti	O	NCC
22	KXX829	lorry	3	13:40	14.0	Westlands	O	DRDS
23	08KAF52	lorry	3	13:55	15.0	Embakasi	O	Army
24	KUL994	lorry	3	14:00	16.0	Juja Rd. Est.	O	NCC
25	KQY636	lorry	6	14:00	18.0	Industrial Area	I	Bins
26	KAB392Q	lorry	1	14:10	15.0	Town	T	NCC
27	KAB388Q	lorry	2	14:10	15.0	Town	T	NCC
28	KWE071	lorry	3	14:15	16.0	Komo Rock	O	Bins
29	KAE441R	lorry	4	14:20	14.0	Industrial Area	I	Bins
30	GK354X	lorry	3	14:22	8.0	Town	T	NYS
31	KVT061	lorry	1	14:25	14.0	Embakasi	O	Private*
32	KWE245	lorry	5	14:30	18.0	Ngara	O	NCC

kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 15/5 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of organisation
33	KUZ647	lorry	3	15:13	14.0	Loresho	O	DRDS
34	KAE761R	lorry	6	15:13	16.0	Industrial Area	I	Bins
35	KAB390Q	lorry	3	16:00	3.0	Town	T	NCC
36	KAG059L	lorry	4	16:08	17.0		O	
37	KAD984U	lorry	1	16:10	12.0	Industrial Area	I	Chandaria
38	KWT475	tractor	1	16:15	7.0	Industrial Area	I	EAI
39	KXY553	lorry	3	16:15	7.0	Industrial Area	I	Textile
40	KZV006	lorry	3	16:30	12.0	Wilson Airport	I	Bins
41	KUS997	lorry	3	16:40	12.0	Westlands	O	DRDS
42	KST976	lorry	3	16:45	10.0	Town	T	Bins
43	KAE953R	lorry	3	17:30	15.0	Spring Valley	O	Bins
44	KAE341U	lorry	5	17:34	15.0	Westlands	O	Bins
45	KUL994	lorry	3	17:35	18.0	Industrial Area	I	NCC
46								
47								
48								
49				Total	619.5	m <sup>3</sup>		
50				NCC	205.5	m <sup>3</sup>		
51				Private	414.0	m <sup>3</sup>		
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

Kinds of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

## (2) Records in the Second Survey

(Date: 24/11 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
	09KAF35	tractor	1	8:00	6.0	Moi Air Base	O	Kenya Airforce
2	KUL961	lorry	2	9:30	30.0	Makadara	O	NCC
3	GKS36S	lorry	2	9:35	12.5	JKA	I	CAA
4	KTP218	lorry	3	10:00	12.0	Max Foam Kenya Ltd	I	Max Foam Kenya Ltd
5	KAD 984U	lorry	1	10:25	7.0	Madhu Paper	O	Chandaria
6	KWT479	tractor	3	10:40	10.0	EAI	I	EAI
7	CAA309W	tractor	2	10:46	8.0	ABM	I	ABM
8	KQY636	lorry	6	12:00	18.0	Mugoyo Estate	O	Bins
9	KUS100	lorry	5	12:00	13.0	Mugoyo Estate	O	Ken Investments
10	KAD794Y	lorry	4	12:15	15.0	Muthaiga	O	Bins
11	KAE258X	pick-up	3	12:50	7.5	Hurlingham	O	Neighbourhoods Professionals
12	KUT108	lorry	3	13:00	8.8	Impala	I	Manu Transporter
13	KST976	lorry	4	13:05	6.8	Town	T	Bins
14	KAB388Q	lorry	3	13:10	8.0	Makadara	O	NCC
15	KAB391Q	lorry	4	13:15	8.0	Makadara	O	NCC
16	KDS997	lorry	4	13:20	10.0	Industrial Area	I	DRDS
17	KAB389Q	lorry	2	13:30	8.0	Makadara	O	NCC
18	KUL961	lorry	2	13:35	20.0	Makadara	O	NCC
19	KAH019Y	lorry	3	14:25	8.0	Eastleigh	O	NCC
20	KUZ647	lorry	4	14:30	10.0	Kenya Airways	T	DRDS
21	KUL989	lorry	7	14:45	7.0	Maternity	H	NCC
22	KUL993	lorry	10	14:45	20.0	Kaloleni	O	NCC
23	KWE064	lorry	6	14:45	20.0	Umoja	O	NCC
24	KAH013Y	lorry	1	14:50	10.0	Buru Buru	O	NCC
25	GKS36S	lorry	6	15:25	12.5	JKA	I	CAA
26	KWE073	lorry	5	15:40	25.0	Dagoretti	O	NCC
27	KAE761R	lorry	4	16:00	12.0	Muthaiga	O	Bins
28	KZV006	lorry	3	16:15	16.0	West Lands	O	Bins
29	KAE258X	pick-up	2	16:20	7.5	Hurlingham	I	Neighbourhoods Professionals
30	KXU857	lorry	9	16:30	12.0	West Lands	O	Nairobi Garbage Collectors
31	KWE084	lorry	10	16:40	25.0	Bfokeside	O	NCC
32	KAB289Q	lorry		16:55	25.0	Dagoretti	O	NCC

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 24/11 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KAB554J	lorry	3	17:00	13.5	Langata	O	City Bins
34	KWP600	lorry	6	17:05	25.0	Industria Area	I	Bins
35	KAB636H	lorry	5	17:07	18.0	Kileleshwa	O	City Bins
36	KXN261	lorry	3	17:10	18.0	West Lands	O	Ken Investments
37	KXF820	lorry	4	17:30	16.0	Muthaiga	O	Bins
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52				Total	509.1	m <sup>3</sup>		
53				NCC	214.0	m <sup>3</sup>		
54				Private	295.1	m <sup>3</sup>		
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)



(Date: 25/11 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KAE386R	lorry	4	8:58	9.0	Runda	O	Bins
2	KAD794Y	lorry	4	9:12	15.0	Muthiaga	O	Bins
3	KWT476	tractor	1	10:10	10.0	EAI	I	EAI
4	KAB388Q	lorry	3	10:27	8.0	Makadara	O	NCC
5	KVT108	lorry	4	10:40	8.8	Impala	I	Manu Transporter
6	KWS862	pick-up	3	10:55	7.0	Industrial Area	I	Lucky Industriay
7	KAH013Y	lorry	4	11:00	10.0	Makadara	O	NCC
8	KAB389Q	lorry	2	11:10	8.0	Makadara	O	NCC
9	KAH019Y	lorry	2	11:25	8.0	Makadara	O	NCC
10	GKS36S	lorry	1	11:40	12.5	Jomokenyala Airport	T	CAA
11	KUL961	lorry	2	11:45	15.0	Makadara	O	NCC
12	KAE761R	pick-up	5	12:18	12.0	Nairobi Hospital	H	Bins
13	KAB388Q	lorry	2	12:21	10.0	Jericho	O	NCC
14	KAH013Y	lorry	3	12:26	15.0	Makadara	O	NCC
15	KAB359Q	lorry	2	12:56	8.0	Jericho	O	NCC
16	KUL961	lorry	3	13:18	15.0	Jericho	O	NCC
17	KAH019Y	lorry	3	13:20	8.0	Jericho	O	NCC
18	GKL784	lorry	6	13:24	10.0	Ruaraka	O	GSU
19	KAE953R	lorry	4	13:27	16.0	Lovington	O	Bins
20	KWT479	tractor	1	13:40	10.0	EAI	I	EAI
21	KAH013Y	lorry	3	13:44	15.0	Makadara	O	NCC
22	KUL989	lorry	4	13:48	7.0	Maternity	H	NCC
23	KST976	lorry	4	13:50	6.8	Town	T	Bins
24	KQY636	lorry	6	13:55	18.0	Industrial Area	I	Bins
25	KAB389Q	lorry	2	14:00	8.0	Jericho	O	NCC
26	KAG049N	lorry	2	14:05	24.0	Homegrown	O	Homegrown
27	KUL961	lorry	4	14:08	15.0	Jericho	I	NCC
28	KAE3584	pick-up	2	14:12	7.5	Hurlingham	O	Neighbourhoods Professionals
29	KTP427	conter	2	14:21	7.5	Industrial Area	I	Susana
30	KUS100	lorry	3	14:28	13.0	Kileleshwa	O	Ken Investments
31	KAE386R	lorry	4	14:31	9.0	Lovington	O	Bins
32	KAJ737B	lorry	3	14:38	6.0	Kamiti Turners	I	Abdul Abdul Co.

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)

(Date: 25/11 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KAH019Y	lorry	2	14:40	8.0	Jericho	O	NCC
34	KAB388Q	lorry	2	14:43	8.0	Jericho	O	NCC
35	KAH013Y	lorry	2	14:46	8.0	Makadara	O	NCC
36	KAB389Q	lorry	2	14:55	8.0	Jericho	O	NCC
37	GK536S	lorry	2	15:17	12.5	Jomo keeyata airport	T	CAA
38	KUS997	lorry	4	15:27	10.0	Mayfair	T	DRDS
39	KUL961	lorry	3	15:28	15.0	Jericho	O	NCC
40	KVT108	lorry	3	15:30	8.8	Impala	I	Manu Transporter
41	KAH019Y	lorry	1	15:37	8.0	Jericho	O	NCC
42	KAC691B	lorry	5	15:40	35.0	KAPA	I	KAPA
43	KAB389Q	lorry	1	15:42	8.0	Jericho	O	NCC
44	KAG957R	lorry	3	15:48	9.0	Kirleleshwa	O	DRDS
45	KWE082	lorry	9	15:50	28.0	Dornholm	O	NCC
46	KWE073	lorry	10	16:00	25.0	Dagoretti	O	NCC
47	KZV006	lorry	4	16:03	14.0	Industrial Area	I	Bins
48	KAE690N	lorry	2	16:40	7.0	West Lands	T	Kenchie
49	KAB289Q	lorry	10	17:00	25.0	Langata	O	NCC
50	KXR874	lorry	3	17:05	7.0	Imara Daima	O	Binson
51	KUZ674	lorry	4	17:05	10.0	Lovington	O	DRDS
52	KST976	lorry	4	17:06	7.0	Town	T	Bins
53	KAE258X	pick-up	2	17:10	7.0	Hurlingham	O	Neighbourhoods Professionals
54	KXF820	lorry	5	17:15	16.0	Kileleshwa	O	Bins
55	KRX593	lorry	5	17:18	30.0	South C	O	Tacencac
56	KUS997	lorry	5	17:20	10.0	Mayfair	T	DRDS
57	KUS100	lorry	3	17:25	13.0	Kileleshwa	O	Ken Investments
58								
59								
60				Total	689.4	m <sup>3</sup>		
61				NCC	291.0	m <sup>3</sup>		
62				Private	398.4	m <sup>3</sup>		
63								
64								

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 26/11 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	09KAF35	tractor	1	8:00	6.0	Moi Air Base	O	Kenya Air Force
2	KAB794Y	lorry	4	9:12	12.0	River Side	O	Bins
3	KAB761R	lorry	5	9:40	12.0	Kahawa Barracks	O	Bins
4	KAE636H	lorry	5	10:05	15.0	Park Lands	O	City Bins
5	KAH850S	lorry	6	10:43	12.5	Park Lands	O	City Bins
6	KAH019Y	lorry	3	10:55	9.0	Lunga Lunga	O	NCC
7	KAB389Q	lorry	2	11:29	8.0	Lunga Lunga	O	NCC
8	KUS100	lorry	4	11:30	13.0	South B	O	Ken Investments
9	KAC691B	lorry	5	12:00	35.0	KAPA	I	KAPA
10	KVT108	lorry	4	12:23	9.0	Impara	I	Manu Transporter
11	KLY016	pick-up	3	12:30	5.0	California Estate	O	Kimani
12	KUS997	lorry	3	12:38	10.0	Kilimani	O	DRDS
13	KAH013Y	lorry	2	12:39	10.0	Jericho	O	NCC
14	KAB389Q	lorry	3	12:57	8.0	Jericho	O	NCC
15	KUL989	lorry	9	12:58	6.0	Maternity	H	NCC
16	KAE258Y	pick-up	3	13:13	7.0	Hurlingham	O	Neighbourhoods Professionals
17	KQY636	lorry	6	13:16	18.0	Industrial Area	I	Bins
18	KST976	lorry	4	13:39	7.0	Town	T	Bins
19	KAB886E	pick-up	3	13:49	7.0	West Lands	O	Clean Home
20	KWE092	lorry	9	13:49	30.0	Embakasi	O	NCC
21	KAH913Y	lorry	2	13:50	10.0	Jericho	O	NCC
22	KAH019Y	lorry	3	14:41	10.0	Jericho	O	NCC
23	GK536S	lorry	1	15:05	14.0	Jomo Kenyatta airport	T	KAA
24	KWT479	tractor	2	15:30	10.0	EAI	I	EAI
25	KAB391Q	lorry	2	16:00	8.8	Makadara	O	NCC
26	KAB389Q	lorry	1	16:02	9.0	Makadara	O	NCC
27	KAG975R	lorry	3	16:03	9.0	Industrial Area	I	DRDS
28	KWP600	lorry	6	16:13	20.0	Industrial Area	I	Bins
29	KUR994	lorry	4	16:14	10.0	Ngara	O	NCC
30	KUS997	lorry	4	16:16	10.0	Industrial Area	I	DRDS
31	KAE386R	lorry	4	16:19	9.0	Ngara	O	Bins
32	KAB289Q	lorry	10	16:28	25.0	Majego	O	NCC

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads), T(others)



(Date: 27/11 (1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KAG284B	lorry	2	9:28	8.0	Sky Compny	I	Sky
2	KAH850S	lorry	3	9:47	12.0	Industrial Area	I	Bins
3	KUZ647	lorry	3	10:07	10.0	Kilimani	O	DRDS
4	KAE953R	lorry	3	10:13	12.0	Lovington	O	Bins
5	KWT479	tractor	1	10:36	16.0	EAI	I	EAI
6	KAB794Y	lorry	4	10:58	12.0	Karen	O	Bins
7	KAE441W	lorry	5	11:04	16.0	Town	T	Bins
8	KAB388Q	lorry	3	11:29	9.0	Dagoretti	O	NCC
9	KZV006	lorry	4	11:46	16.0	West Lands	O	Bins
10	KAJ737B	lorry	4	11:53	6.0	Kamiti Turners	O	Nul Abdul
11	KAH013Y	lorry	1	11:57	10.0	Dagoretti	O	NCC
12	KAB389Q	lorry	4	12:04	8.8	Umoja	O	NCC
13	KAB880B	pick-up	3	13:45	7.0	Ngumo	O	Clean Homre
14	KST976	lorry	4	14:00	6.8	Town	T	Bins
15	KAH013Y	lorry	3	14:14	10.0	Dagoretti	O	NCC
16	KUL961	lorry	6	14:16	30.0	Madaraka	O	NCC
17	KQY636	lorry	4	14:18	18.0	Industrial Area	I	Bins
18	KUL993	lorry	4	14:39	20.0	Madaraka	O	Bins
19	KAH019Y	lorry	3	14:43	8.0	Eastleigh	O	NCC
20	KAB391Q	lorry	4	14:45	8.0	Madaraka	O	NCC
21	KXX829	lorry	1	14:48	12.0	Kilimani	O	DRDS
22	KUL992	lorry	3	14:05	16.0	Madaraka	O	NCC
23	KAH006Y	lorry	8	14:58	16.0	West Lands	O	NCC
24	KAB388Q	lorry	4	15:08	8.0	Madaraka	O	NCC
25	KAG975	lorry	3	15:27	9.0	Industrial Area	I	DRDS
26	KAB289Q	lorry	10	15:35	25.0	Makadara	O	NCC
27	KAB974Y	lorry	1	15:38	7.0	Ruaraka	I	Chandaria
28	KWE084	lorry	3	15:48	20.0	Madaraka	O	NCC
29	KWT479	tractor	1	15:53	12.0	EAI	I	EAI
30	KAH013Y	lorry	2	16:00	10.0	Dagoretti	O	NCC
31	KWP600	lorry	6	16:37	20.0	Industrial Area	I	Bins
32	KUZ647	lorry	3	16:37	10.0	Loresho	T	DRDS

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 27/11 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KWE082	lorry	6	17:03	20.0	Madaraka	O	NCC
34	KAB794Y	lorry	3	17:19	15.0	Muthaiga	O	Bins
35	KAE441W	lorry	4	17:25	16.0	Karen	O	Bins
36	KAH019Y	lorry	2	17:40	8.0	Madaraka	O	NCC
				<b>Total</b>	<b>467.6</b>	<b>m<sup>3</sup></b>		
				<b>NCC</b>	<b>206.8</b>	<b>m<sup>3</sup></b>		
				<b>Private</b>	<b>260.8</b>	<b>m<sup>3</sup></b>		

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 28/11(1/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	09KAF35	tractor	1	7:00	6.0	Moi Air Base	O	Kenya Airforce
2	KWJ283	lorry	3	9:13	8.0	Pipeline	O	Parkview
3	KUS997	lorry	3	10:09	10.0	West Lands	O	DRDS
4	KWT479	tractor	1	10:28	12.0	EAI	I	EAI
5	KXN216	lorry	2	11:00	16.0	Nairobi West	O	Ken Investments
6	GKL777	lorry	8	11:27	8.0	Ruasaka	O	GSU
7	KSB133	lorry	3	11:35	6.0	Umoja	O	One Star
8	KAE386R	lorry	3	11:47	12.0	Karen	O	Bins
9	KAE44IW	lorry	R	11:50	16.0	West Lands	O	Bins
10	KAE258X	pick-up	3	11:53	7.0	Hurlingham	O	Neighbourhoods Professionals
11	KAE953R	lorry	4	12:00	18.0	Loresho	O	Bins
12	KAH850S	lorry	3	12:02	16.0	Karen	O	Bins
13	KXX829	lorry	3	12:06	14.0	West Lands	O	DRDS
14	KEF542	lorry	3	12:30	13.0	Nairobi West	O	Bins
15	KVD161	pick-up	2	12:31	7.0	Race Couese	O	Protos
16	kac691	lorry	6	12:35	28.0	KAPA	I	Nul abdy abdy
17	KUG014	pick-up	3	12:40	7.5	Umoja	O	Camasi Company
18	KLX593	lorry	4	12:55	25.0	South C	O	Blue B Company
19	KAH006Y	lorry	8	13:30	8.0	Dagoretti	O	NCC
20	KAR388R	lorry	2	13:45	9.0	Dagroetti	O	NCC
21	KAE636F	lorry	4	13:45	16.0	Kileleshwa	O	City Bins
22	KXN261	lorry	4	13:47	18.0	Embakasi	O	Ken Investments
23	KAB891Q	lorry	8	13:47	9.0	Madaraka	O	NCC
24	KUL993	lorry	8	13:50	18.0	Dagoretti	O	NCC
25	KAH013Y	lorry	2	14:00	16.0	Madaraka	O	NCC
26	KUL313	lorry	3	14:20	21.0	Industrial Area	I	NCC
27	KAB389Q	lorry	5	14:25	9.0	Madaraka	O	NCC
28	KXY636	lorry	6	14:30	18.0	Mugoyo Estate	O	Bins
29	KAG975R	lorry	3	14:42	13.0	Kilimani	O	DRDS
30	KSB133	lorry	3	14:49	6.0	Umoja	O	One Star
31	KST976	lorry	5	14:55	6.0	Town	T	Bins
32	KWT479	tractor	1	15:09	12.0	EAI	I	EAI

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 28/11 (2/2))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KAB289Q	lorry	10	15:11	16.0	Madaraka	O	NCC
34	KUL989	lorry	10	15:14	14.0	Maternity	H	NCC
35	KUL961	lorry	1	15:18	18.0	Madaraka	O	NCC
36	KZV006	lorry	5	15:20	6.0	West Lands	O	Bins
37	KWE082	lorry	2	15:21	18.0	Madaraka	O	NCC
38	KAB392Q	lorry	1	15:32	12.0	Madaraka	O	NCC
39	KAH006Y	lorry	5	15:35	12.0	Madaraka	O	NCC
40	KAH009Y	lorry	1	15:40	11.0	Madaraka	O	NCC
41	KWE073	lorry	7	15:45	18.0	Dagoretti	O	NCC
42	KUZ647	lorry	3	15:50	14.0	Kilimani	O	DRDS
43	KUG014	pick-up	3	16:00	7.5	Umoja	O	Canasi Company
44	KWE084	lorry	8	16:05	20.0	Madaraka	O	NCC
45	KAC691B	lorry	5	16:07	31.0	KAPA	I	KAPA
46	KWP600	lorry	6	16:10	30.0	Langata	O	Bins
47	KXF820	lorry	5	16:15	18.0	Ngumo	O	Bins
48	KRF542	lorry	4	16:15	14.0	Nairobi West	O	Bins
49	KAB008B	pickup	2	16:39	6.0	Langata	O	Clean Home
50	KDX593	lorry	4	16:45	19.0	South C	O	Blue B Company
51	KAB391Q	lorry	4	17:00	8.0	Madaraka	O	NCC
52	KAD794Y	lorry	4	17:37	14.0	Kitanga	O	Bins
53	KSB133	lorry	3	17:50	7.0	Umoja	O	One Star
54								
55								
56								
57								
58								
59				Total	722.0	m <sup>3</sup>		
60				NCC	217.0	m <sup>3</sup>		
61				Private	505.0	m <sup>3</sup>		
62								
63								
64								

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)



(Date: 29/11 (1/3))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KAH006Y	lorry	1	9:38	10.0	Eastleigh	R	NCC
2	KAH009Y	lorry	1	9:39	18.0	Eastleigh	R	NCC
3	KAH013Y	lorry	2	9:41	16.0	Eastleigh	R	NCC
4	KAE258X	pick-up	2	9:42	7.0	Buru Buru	O	Neighbourhoods Professionals
5	KUL313	lorry	4	9:53	20.0	Shauri Moyo	M	NCC
6	KAB388Q	lorry	2	9:45	18.0	Eastleigh	R	NCC
7	KUL961	lorry	2	10:11	28.0	Eastleigh	R	NCC
8	KAE868A	lorry	7	10:20	9.0	Umoja	O	Outmit Gins
9	KAB392Q	lorry	1	10:25	17.0	Eastleigh	R	NCC
10	KAB391Q	lorry	2	10:35	9.0	Eastleigh	R	NCC
11	KVD161	pick-up	3	10:55	7.5	Kariobangi South	O	Protos
12	KDJ585	lorry	4	11:00	32.0	Langata	O	ROC
13	KPW755	pick-up	2	11:05	9.0	Eastleigh	O	Njenga
14	KXX829	lorry	2	11:08	14.0	Industrial Area	I	DRDS
15	KUS997	lorry	3	11:10	14.0	West Lands	O	DRDS
16	KUC307	lorry	4	11:15	15.0	Ngumo	O	Mungai Company
17	KAH850S	lorry	4	11:18	15.0	West Lands	O	City Bins
18	KSG105	lorry	5	11:20	14.0	Pangani	O	Bins
19	KAH013Y	lorry	3	11:25	16.0	Eastleigh	R	NCC
20	KSB133	lorry	5	11:26	13.0	Buru Buru	O	One Star
21	KAH009Y	lorry	1	11:27	18.0	Eastleigh	R	NCC
22	KAE386R	lorry	4	11:30	14.0	Utalii	H	Bins
23	KVF319	lorry	4	11:48	17.0	Buru Buru	O	Maston
24	KDY458	lorry	4	11:50	14.0	Buru Buru	O	Dan Cool
25	KAE258X	pick-up	2	11:53	7.5	Buru Buru	O	Neighbourhoods Professionals
26	KAB388Q	lorry	2	11:54	10.0	Eastleigh	R	NCC
27	KAH006Y	lorry	3	11:57	16.0	Eastleigh	R	NCC
28	KAC691B	lorry	5	12:15	28.0	KAPA	I	KAPA
29	KAB391Q	lorry	1	12:16	11.0	Eastleigh	O	NCC
30	KAB289Q	lorry	5	12:20	30.0	Ngada	O	NCC
31	KVE651	lorry	2	12:25	14.0	Buru Buru	O	Gap Free
32	KAH013Y	lorry	2	12:26	17.0	Eastleigh	O	NCC

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

(Date: 29/11 (2/3))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
33	KZW699	pick-up	3	12:34	7.0	Buru Buru	O	Credo Investments
34	KAB389Q	lorry	4	12:35	8.0	Ushirika	O	NCC
35	KZV006	lorry	4	12:36	11.0	West Lands	O	Bins
36	GK536S	lorry	2	12:37	31.0	Jomo kenyata airport	T	CAA
37	KWE082	lorry	3	12:40	28.0	Dagoretti	O	NCC
38	KAG284G	lorry	3	12:44	7.5	Sky Company	I	Sky
39	KAE441W	lorry	6	12:48	8.0	Town	T	Bins
40	KPK510	lorry	2	12:50	11.0	Donholm	O	Gashugwa
41	KUL313	lorry	4	12:55	18.0	Pumwani	H	NCC
42	KAB936E	lorry	3	13:01	30.0	Buru Buru	O	Trash-Tin
43	KAH013Y	lorry	2	13:03	17.0	Eastleigh	R	NCC
44	KAE953R	lorry	4	13:06	11.0	West Lands	O	Bins
45	KUZ674	lorry	3	13:07	12.0	Kileleshwa	O	DRDS
46	KUL989	lorry	9	13:13	20.0	Mugoyo Estate	O	NCC
47	KPZ151	lorry	5	13:13	31.0	Buru Buru	O	Rock Investments
48	KAB388Q	lorry	3	13:25	10.0	Eastleigh	R	NCC
49	KVD161	pick-up	3	12:28	7.5	Kariobangi South	O	Protos
50	KAG975L	lorry	2	13:30	12.0	Embakasi	O	DRDS
51	KUL992	lorry	8	13:35	19.0	Dagoretti	O	NCC
52	KUD409	pick-up	2	13:40	7.0	Pangani	O	Environment Co.
53	KXW261	lorry	5	13:45	17.0	South B	O	Ken Investments
54	KAH006Y	lorry	2	13:51	12.0	Eastleigh	R	NCC
55	KAE258X	lorry	2	13:52	7.0	Buru Buru	O	Neighbourhoods Professionals
56	KUS997	lorry	3	13:53	13.0	West Lands	O	DRDS
57	KAB391Q	lorry	1	13:57	10.0	Eastleigh	R	NCC
58	KAH013Y	lorry	2	14:04	10.0	Eastleigh	R	NCC
59	KWP600	lorry	4	14:07	29.0	Wilson Airport	T	Bins
60	KAA451N	lorry	3	14:24	15.0	Buru Buru	O	Pic Akan
61	KST976	lorry	4	14:28	8.0	Town	T	Bins
62	KZW699	pick-up	2	14:37	7.0	Buru Buru	O	Credo Investments
63	KXT864	pick-up	2	14:39	7.0	Santac	O	Blue Bins
64	KWT479	tractor	1	14:54	13.0	EAI	I	EAI

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)



(Date: 30/11 (1/1))

No.	registration number	type of vehicle	number of the crew	arrival time	load volume by inspection	collection area	kinds of wastes	name of Organisation
1	KUD014	pick-up	3	10:25	7.0	Umoja	O	Camasi Compny
2	KUL313	lorry	4	10:50	18.0	UNEP	O	NCC
3	KAC868A	lorry	3	11:26	14.0	Umoja	O	Magast
4	KAF542	lorry	4	11:32	12.5	Kilmani	O	Home Bins
5	GIL365	lorry	2	11:33	14.0	JKA	T	CAA
6	KWT479	tractor	1	12:15	10.0	EAI	I	EAI
7	KRH507	pick-up	6	12:34	7.0	Pangani	O	Jam City
8	KAH009Y	lorry	2	12:48	16.0	Eastleigh	R	NCC
9	KAB388Q	lorry	1	13:00	10.0	Eastleigh	R	NCC
10	KAB391Q	lorry	1	13:05	14.0	Karisakor	M	NCC
11	KAH006y	lorry	1	13:06	17.0	Eastleigh	R	NCC
12	KAB392Q	lorry	1	13:10	10.0	Eastleigh	R	NCC
13	KAH013Y	lorry	2	13:13	10.0	Eastleigh	O	NCC
14	KUL313	lorry	2	13:36	16.0	JKA	T	JKA
15	KUL994	lorry	8	13:58	12.0	Buru Buru	O	NCC
16	KAH009Y	lorry	1	14:15	16.0	Eastleigh	R	NCC
17	KUL993	lorry	2	14:30	15.0	Eastleigh	O	NCC
18	KAH006Y	lorry	2	14:39	8.0	Eastleigh	R	NCC
19	KRK510	lorry	2	14:41	12.0	Buru Buru	O	Gacugwa
20	KAB388Q	lorry	2	14:43	10.0	Eastleigh	O	NCC
21	KUL992	lorry	2	14:50	12.0	Umoja	O	NCC
22	KAH013Y	lorry	2	15:05	10.0	Eastleigh	O	NCC
23	KWT479	tractor	1	15:09	10.0	EAI	I	EAI
24	KWS081	lorry	9	15:17	16.0	Ngara	O	NCC
25	KAB392Q	lorry	1	15:20	10.0	Eastleigh	R	NCC
26	KVH200	pick-up	3	15:22	8.0	Eastleigh	O	Uzima
27	KAB389Q	lorry	5	15:27	10.0	Jujaroad Estate	O	NCC
28	KWE245	lorry	1	15:52	9.0	Dagoretti	O	NCC
29	KUL992	lorry	6	15:56	16.0	Dagoretti	O	NCC
30				Total	349.5	m <sup>3</sup>		
31				NCC	239.0	m <sup>3</sup>		
32				Private	110.5	m <sup>3</sup>		

kind of waste: O(ordinary residential), M(market), H(hospital), F(offices), I(industrial), R(roads),T(others)

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