

## 1.7.2 Dry Season

### (1) Survey Team

Truck No:	Surveyors	Category	Garbage Collector	Truck Type	Routes
1	Kennedy Kijana	CCN	CCN	10 ton Nissan Diesel, KAW 732Z	CBD
2	Martin Murimi	CCN	CCN	8 ton Nissan Diesel, KAW 743Z	Lang'ata, Makadara
3	Wilfred Kariuki	Private	Simple Garbage	4 ton Bedford, KPB 307	CBD ,Milimani
4	Chris Mwangi	Private	Zoa Taka	3 ton Mitsubishi, KAD 899S	CBD, Milimani, Kasarani
5	Wilfred Kariuki	Private	Bins Nairobi Services	7 ton Iveco, KAM 019E	Makadara
6	Martin Murimi	Private	Garbage Dot Com	8 ton Mitsubishi Fuso, KAM 906Z	Kamukunji, CBD, Embakasi, Kasarani
7	Chris Mwangi	Contractor	Dorkam Enterprises	9 ton Mitsubishi, KWD 632	Makandara, Milimani
8	Kennedy Kijana	Contractor	jesker	5 ton Isuzu, KAC 088J	Milimani

### (2) Survey Schedule

#### Week 1

Truck Details					Day											
Area	Truck	Registration	Maker	Ton	1	2	3	4	5	6	7	8	9	10	11	12
					M	T	W	T	F	S	S	M	T	W	T	F
CBD	CCN1	KAW 732Z	Nissan Diesel	10ton	•	•	•	•	•	•						
Lang'ata, Makadara, Kamukunji, CBD	CCN2	KAW 743Z	Nissan Diesel	8ton	•	•	•	•	•	•						
CBD, Westlands	Simple Garbage	KPB 307	Bed Ford	4ton	•	•	•	•	•	•						
CBD, Westlands	Zoa Taka	KAB 899S	Mitsubishi	3ton	•	•	•	•	•	•						

#### Note

1. The four trucks selected commenced their routes on Mon 4 January 2010
2. There were no cancellations
3. Zoa Taka replaced the truck surveyed during the Rainy Season with a new truck due to unresolved mechanical breakdown

## Week 2

Truck Details					Day											
Area	Truck	Registration	Maker	Ton	1	2	3	4	5	6	7	8	9	10	11	12
					M	T	W	T	F	S	S	M	T	W	T	F
Makadara	Bins Nairobi Services	KAM 019 E	Iveco	7ton	•	•	•	•	•	•						
Embakasi, Makadara	Garbage.Com	KAM 906 Z	Mitsubishi Fuso	8ton		•	•	•	•			•		•		
Milimani	Dorkam Enterprises	KWD 632	Mitsubishi	9ton	•	•			•	•		•	•			
Milimani	Jesker	KAC 088J	Isuzu	5ton	•	•	•		•	•		•				

### Note

1. The four trucks selected commenced their routes on Monday 11 January 2010
2. Garbage.Com truck broke down on the first and sixth days. These were compensated into the following week.
3. Dorkam Enterprises truck broke down on the third and fourth days. These were compensated into the following week
4. Jesker truck broke down on the fourth day. This was compensated into the following week.
5. The last day of the survey was 20 Jan 2010

## (3) General Information

### 1) Results of Summary of Trip Number, Collection Points, Time and Mileage

Date of Survey	Region	Collector	Vehicle No.	Type and Capacity of Vehicle	No of trips	Total No. of collection points	Shift operation time (hh:mm)	Total distance (km)
Mon,4-Jan.2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	1	9	7:15	85.3
	Langata	CCN	KAW 743Z	Nissan Diesel, 8 ton	1	6	8:32	48
	CBD	Simple Garbage	KPB 307	BedFord, 4 ton	1	30	11:08	31
	CBD & Milimani	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	11	12:54	54.8
					<b>4</b>	<b>56</b>	<b>15:49</b>	<b>219.1</b>
Tue,5-Jan,2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	1	10	7:18	31.3
	Langata	CCN	KAW 743Z	Nissan Diesel, 8 ton	2	15	13:59	78.4
	CBD	Simple Garbage	KPB 307	BedFord, 4 ton	1	53	12:46	55
	Milimani, CBD & Ind Area	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	8	14:22	83.1
					<b>5</b>	<b>86</b>	<b>0:25</b>	<b>247.8</b>
Wed,6-Jan 2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	2	9	10:18	54.4
Wed,6-Jan 2010	Makadara	CCN	KAW 743Z	Nissan Diesel, 8 ton	1	9	6:15	42.5
	CBD	Simple Garbage	KPB 307	BedFord, 4 ton	2	4	7:49	40
	CBD	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	16	12:03	31.6
					<b>6</b>	<b>38</b>	<b>12:25</b>	<b>168.5</b>

Date of Survey	Region	Collector	Vehicle No.	Type and Capacity of Vehicle	No of trips	Total No. of collection points	Shift operation time (hh:mm)	Total distance (km)
Thu,7-Jan,2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	2	11	13:10	50.9
	Langata	CCN	KAW 743Z	Nissan Diesel, 8 ton	1	1	9:35	57.2
	CBD	Simple Garbage	KPB 307	BedFord, 4 ton	1	20	12:31	38
	Milimani & CBD	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	13	12:22	47
					<b>5</b>	<b>45</b>	<b>23:38</b>	<b>193.1</b>
Fri,8-Jan,2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	1	8	8:59	30
	Kamukunji	CCN	KAW 743Z	Nissan Diesel, 8 ton	1	2	8:02	29.7
	CBD	Simple Garbage	KPB 307	BedFord, 4 ton	1	44	12:12	58
	CBD	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	16	12:16	53
					<b>4</b>	<b>70</b>	<b>17:29</b>	<b>170.7</b>
Sat,9-Jan,2010	CBD	CCN	KAW 732Z	Nissan Diesel, 10 ton	1	4	9:51	53
	CBD	CCN	KAW 743Z	Nissan Diesel, 8 ton	1	4	6:56	28.8
	Embakasi	Simple Garbage	KPB 307	BedFord, 4 ton	1	0	11:24	15
	Makadara	Zoa Taka	KAB 899S	Mitsubishi, 3 ton	1	16	12:34	63
					<b>4</b>	<b>24</b>	<b>16:45</b>	<b>159.8</b>
Mon,11-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	1	12	10:08	28
	Milimani	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	6	10:52	37
	Milimani	Jesker	KAC 088J	Isuzu, 5 ton	1	9	7:12	39.9
					<b>3</b>	<b>27</b>	<b>4:12</b>	<b>104.9</b>
Tue,12-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	1	7	6:44	14
	Embakasi	Garbage. Com	KAM 906 Z	Mitsubishi Fuso, 8 ton	1	7	10:51	78.1
	Embakasi	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	0	4:03	15
	Milimani	Jesker	KAC 088J	Isuzu, 5 ton	1	12	8:38	43.2
					<b>4</b>	<b>26</b>	<b>6:16</b>	<b>150.3</b>
Wed,13-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	1	8	7:48	13
	Embakasi	Garbage. Com	KAM 906 Z	Mitsubishi Fuso, 8 ton	1	8	7:33	33.5
	Starehe	Jesker	KAC 088J	Isuzu, 5 ton	1	8	7:04	47.8
					<b>3</b>	<b>24</b>	<b>22:25</b>	<b>94.3</b>
Thu,14-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	1	9	8:18	23

Date of Survey	Region	Collector	Vehicle No.	Type and Capacity of Vehicle	No of trips	Total No. of collection points	Shift operation time (hh:mm)	Total distance (km)
Thu,14-Jan,2010	Embakasi	Garbage.C om	KAM 906 Z	Mitsubishi Fuso, 8 ton	1	7	9:22	53.6
					<b>2</b>	<b>16</b>	<b>17:40</b>	<b>76.6</b>
Fri,15-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	2	10	5:50	12
	Embakasi	Garbage.C om	KAM 906 Z	Mitsubishi Fuso, 8 ton	1	8	9:28	46.4
	Milimani	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	13	11:52	97
	Milimani	Jesker	KAC 088J	Isuzu, 5 ton	1	7	9:52	39.9
					<b>5</b>	<b>38</b>	<b>13:02</b>	<b>195.3</b>
Sat,16-Jan,2010	Makadara	Bins Nairobi Services	KAM 019 E	Iveco, ton	1	6	6:21	19
	Milimani	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	16	13:15	66
	Milimani	Jesker	KAC 088J	Isuzu, 5 ton	1	5	11:45	47
					<b>3</b>	<b>27</b>	<b>7:21</b>	<b>132</b>
Mon,18-Jan,2010	Embakasi	Garbage.C om	KAM 906 Z	Mitsubishi Fuso, 8 ton	1	4	11:36	65.7
	Milimani	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	6	13:08	45
	Milimani	Jesker	KAC 088J	Isuzu, 5 ton	1	2	9:39	39.8
					<b>3</b>	<b>12</b>	<b>10:23</b>	<b>150.5</b>
Tue,19-Jan,2010	Milimani	Dorkam Enterprises	KWD 632	Mitsubishi, 9 ton	1	12	12:04	73
					<b>1</b>	<b>12</b>	<b>12:04</b>	<b>73</b>
Wed.20-Jan,2010	Kiambu	Garbage.C om	KAM 906 Z	Mitsubishi Fuso, 8 ton	2	11	11:18	89.5
					<b>2</b>	<b>11</b>	<b>11:18</b>	<b>89.5</b>

#### (4) Details of the Results of the Time Log

##### 1) KAW 732Z

Mon 4 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	17		1	7:51 AM	2	Kamuunji						Lanhies road	Drizzzling weather,	Drizzzling weather,
Crew Collection	19	8:05 AM	3	8:19 AM	4	CBD	0:14:00	0:14:00		0:28:00	2	Lagos road	Cloudy weather	Cloudy weather
1st	20	8:27 AM	5	8:47 AM	6	CBD	0:20:00	0:08:00		0:28:00	1	Kobil service station, River road	Garbage in drums and refuelling	Garbage in drums, No spills, General public wastes, Orderly staff, Slippery road, Traffic jam, Cloudy and sunny weather
2nd	21	8:54 AM	7	8:57 AM	8	CBD	0:03:00	0:07:00		0:10:00	1	Agrovet, Gedi lane	Garbage in sacks	Garbage in sisal bags, No spills, General public wastes, Orderly staff, Traffic jam, Cloudy and wet weather
3rd	21.9	9:03 AM	9	9:08 AM	10	CBD	0:05:00	0:06:00		0:11:00	0.9	Attitude pub, Nkurumah lane	Garbage in plastic bags	Garbage in plastic bags, No spills, General public wastes, Orderly staff, dry road, no Traffic jam, Cloudy weather
4th	23	9:15 AM	11	9:31 AM	12	CBD	0:16:00	0:07:00		0:23:00	1.1	Harambee House, Harambee avenue	Garbage in large plastic bins	Garbage in large plastic bins, No spills, General public wastes, Orderly staff, dry road, no Traffic jam, Cloudy weather
5th	23.7	9:37 AM	13	10:08 AM	14	CBD	0:31:00	0:06:00		0:37:00	0.7	Central car park, Taifa road	Garbage in large metal bins	Garbage in large metal bin, spills noted, General public wastes, Orderly staff, dry road, no Traffic jam, Shiny and Cloudy weather
6th	24.3	10:20 AM	15	10:34 AM	16	CBD	0:14:00	0:12:00		0:26:00	0.6	City Hall, Mama Ngina street	Garbage in plastic bins. No spillages	Garbage in plastic bin, no spills, General public wastes, Orderly staff, no Traffic jam, Shiny and Cloudy weather
7th	24.6	10:40 AM	17	10:44 AM	18	CBD	0:04:00	0:06:00		0:10:00	0.3	Simmers restaurant, Kenyatta avenue	Garbage in black plastic bags	Garbage in black plastic bags, No spills, Hotel and General wastes, Orderly staff, dry road, s light Traffic jam, Cloudy and shining weather
8th	25	10:50 AM	19	11:27 AM	20	CBD	0:37:00	0:06:00		0:43:00	0.4	Kenya Canvas Ltd, Muindi Mbingu street	Garbage in plastic bags and sisal bags	Garbage in plastic and sisal bags, Spills noted, Hotel and General wastes, Orderly staff, dry road, no Traffic jam, cloudy weather
9th	25.3	11:34 AM	21	1:08 PM	22	CBD	1:34:00	0:07:00		1:41:00	0.3	City Market, Muindi Bingu street	Garbage in bins, sacks, plastic bags and baskets	Garbage in plastic bags, baskets, sacks, Food and General wastes, Orderly staff, dry road, no Traffic jam, cloudy weather
Dumpsite	40.2	2:15 PM	23	2:24 PM	24	Embakasi		1:07:00	0:09:00	1:16:00	14.9	Dandora Dumpsite	Wet and muddy	Offloading garbage
Garage	52.3	3:06 PM	25	3:08 PM	26	Kamuunji		0:42:00		0:42:00	12.1	Landhies road	Cloudy weather	Cloudy weather
							3:58:00	3:08:00	0:09:00	7:15:00	35.3			
							3:58:00	3:08:00	0:09:00	7:15:00	35.3			

Tue 5 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	7:20 AM	27	7:30 AM	28	Kamu-unji						Landhies road		Cloudy weather
1st	2.4	7:45 AM	29	8:10 AM	30	CBD	0:25:00	0:15:00		0:40:00	2.4	Lagos road	Garbage in dust bins	Garbage in large bins, No spills, General public wastes, Orderly staff, dry road, Cloudy and sunny weather
2nd	2.5	8:14 AM	31	8:43 AM	32	CBD	0:29:00	0:04:00		0:33:00	0.1	Lagos lane	Garbage in dust bins and plastic bags on the road	Garbage in closed bins on roadside, No spills, General public wastes, Orderly staff, dry road, Cloudy and sunny weather
3rd	3.2	8:48 AM	33	8:52 AM	34	CBD	0:04:00	0:05:00		0:09:00	0.7	Accra Plaza, Tom Mboya street	Garbage in plastic bags	Garbage in plastic bags, No spills, General public wastes, No traffic jam, Orderly staff, dry road, Cloudy and sunny weather
4th	4.2	8:59 AM	35	9:13 AM	36	CBD	0:14:00	0:07:00		0:21:00	1	Harambee House, Harambee avenue	Garbage in large plastic bins	Garbage in large bins, No spills, General public wastes, Orderly staff, dry road, No traffic jam, sunny weather
5th	5	9:18 AM	37	9:26 AM	38	CBD	0:08:00	0:05:00		0:13:00	0.8	Attitude pub, Nkurumah lane	Garbage in plastic bags and sisal bags	Garbage in plastic bags and sisal bags, No spills, General public wastes, Orderly staff, dry road, No traffic jam, sunny weather
6th	5.8	9:34 AM	39	10:25 AM	40	CBD	0:51:00	0:08:00		0:59:00	0.8	Central car park, Taifa road	Garbage in large metal bin on pavement	Garbage in large metal bin on pavement, Spillage noted General public wastes, Orderly staff, dry road, No traffic jam, sunny weather
7th	6.5	10:43 AM	41	10:52 AM	42	CBD	0:09:00	0:18:00		0:27:00	0.7	City Hall, Mama Ngina street	Garbage in large wheeled bin	Garbage in large wheeled bin, no spills, General public wastes, Orderly staff, dry road, traffic jam present, sunny weather
8th	6.8	11:01 AM	43	11:08 AM	44	CBD	0:07:00	0:09:00		0:16:00	0.3	Simmers restaurant, Kenyatta avenue	Garbage in plastic bags	Garbage in plastic bags, no spills, General public and food wastes, Orderly staff, dry road, traffic jam present, sunny weather
9th	7.3	11:18 AM	45	11:38 AM	46	CBD	0:20:00	0:10:00		0:30:00	0.5	Barclays Bank, Muindi Mbingu street	Garbage in drums, sisal bags and plastic bags	Garbage in drums, sisal bags and plastic bags, Spillage noted, General public and food wastes, Orderly staff, dry road, No traffic jam, sunny weather
10th	7.4	11:45 AM	47	1:09 PM	48	CBD	1:24:00	0:07:00		1:31:00	0.1	City Market, Muindi Bingu street	Garbage in different containers, baskets and bins	Garbage in different containers, baskets and bins, Spillage noted, General public and food and flower wastes, Orderly staff, dry road, No traffic jam, sunny weather
Dumpsite	19.3	1:55 PM	49	2:03 PM	50	Embakasi		0:46:00	0:08:00	0:54:00	11.9	Dandora Dumpsite	Garbage in huge heaps	Garbage in huge heaps, Hot and Sunny
Garage	31.3	2:48 PM	51	2:52 PM	52	Kamu-unji		0:45:00		0:45:00	12	Landhies road		
							4:11:00	2:59:00	0:08:00	7:18:00	31.3			
							4:11:00	2:59:00	0:08:00	7:18:00	31.3			

Wed 6 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	53	7:19 AM	54	Kamu-unji						Landhies road	Sunny and cloudy weather	Sunny and cloudy weather
Crew Collection	2.5	7:31 AM	55	7:39 AM	56	CBD	0:08:00	0:12:00		0:20:00	2.5	Lagos road	Sunny weather	Sunny weather
1st	2.8	7:49 AM	57	8:28 AM	58	CBD	0:39:00	0:10:00		0:49:00	0.3	Tuskys super-market Accra road	Garbage on the road	Garbage on the road, collected by sisal sheet, Spills noted, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
2nd	3.7	8:35 AM	59	9:05 AM	60	CBD	0:30:00	0:07:00		0:37:00	0.9	Mfangano Lane	Garbage on the road	Garbage on the road, collected by sisal sheet, Spills noted, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
3rd	4.1	9:09 AM	61	9:18 AM	62	CBD	0:09:00	0:04:00		0:13:00	0.4	Agrovet Gedi Lane	Garbage in plastic bags	Garbage in plastic bags, No spills noted, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
4th	5.5	9:25 AM	63	9:42 AM	64	CBD	0:17:00	0:07:00		0:24:00	1.4	Harambee House, Harambee avenue	Garbage in large plastic bins	Garbage in plastic bins, No spills noted, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
5th	6.5	9:48 AM	65	10:08 AM	66	CBD	0:20:00	0:06:00		0:26:00	1	City Hall, Mama Ngina street	Garbage in large plastic bins	Garbage in plastic bins, No spills, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
6th	7.2	10:15 AM	67	11:40 AM	68	CBD	1:25:00	0:07:00		1:32:00	0.7	Central car park, Taifa road	Garbage in metal container and on pavement	Garbage in a large metal bin and on pavement, Spills noted, General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
Dumpsite	17.8	1:40 PM	69	1:48 PM	70	Embakasi		2:00:00	0:08:00	2:08:00	10.6	Dandora Dumpsite	Garbage in huge heaps	Muddy and wet road, Congestion inside the dumpsite, Sunny weather
							3:28:00	2:53:00	0:08:00	6:29:00	17.8			
Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	28.3	2:42 PM	71	2:52 PM	72	CBD	0:10:00	0:54:00		1:04:00	10.5	Barclays Bank, Muindi Mbingu street	Garbage in sacks and bins	Garbage in sacks and bins, spills and drippings noted, Food and general public wastes, Orderly staff, Dry road, No traffic jam, Sunny
2nd	28.5	3:00 PM	73	4:02 PM	74	CBD	1:02:00	0:08:00		1:10:00	0.2	City Market, Muindi Bingu street	Garbage in sacks, plastic bins and other container	Garbage in sacks, drums and bins, drippings noted, Food, flowers and general public wastes, Orderly staff, Dry road, No traffic jam, Sunny
3rd	28.9	4:05 PM	75	4:07 PM	76	CBD	0:02:00	0:03:00		0:05:00	0.4	Simmers restaurant, Kenyatta avenue	Garbage in plastic bags	Garbage in sacks, drums and bins, drippings noted, Food, flowers and general public wastes, Orderly staff, Dry road, No traffic jam, Cloudy
Dumpsite	42.5	4:51 PM	77	4:59 PM	78	Embakasi		0:44:00	0:08:00	0:52:00	13.6	Dandora Dumpsite	Garbage in heaps	Muddy and wet road, Cloudy and drizzling weather
Garage	54.4	5:37 PM	79	5:40 PM	80	Kamu-kunji		0:38:00		0:38:00	11.9	Landhies road	Cloudy weather	Cloudy weather
							1:14:00	2:27:00	0:08:00	3:49:00	36.6			
							4:42:00	5:20:00	0:16:00	10:18:00	54.4			

Thu 7 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	81	6:48 AM	82	Kamu-kunji						Landhies road	Cloudy weather	Clear sky and sunny
1st	2.2	7:02 AM	83	8:09 AM	84	CBD	1:07:00	0:14:00		1:21:00	2.2	Timboroa road office	Garbage in bins and sacks and on the road	Garbage in bins,sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
2nd	3.10	8:13 AM	85	8:21 AM	86	CBD	0:08:00	0:04:00		0:12:00	0.9	Peers place, Moi avenue	Garbage in bins, plastic bags and sisal bags	Garbage in plastic bags and sacks, No spills, Food and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
3rd	3.5	8:24 AM	87	8:36 AM	88	CBD	0:12:00	0:03:00		0:15:00	0.4	Barclays Bank, Muindi Mbingu street	Garbage in plastic bags and sisal bags	Garbage in plastic bags, drums and sacks, spills noted, Food and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
4th	3.8	8:39 AM	89	8:44 AM	90	CBD	0:05:00	0:03:00		0:08:00	0.3	Marshalls EA LTD, Loita street	Garbage in bins, plastic bags and containers	Garbage in bins,bags and plasic container, No spills noted, Oil and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
5th	4.8	8:48 AM	91	8:59 AM	92	CBD	0:11:00	0:04:00		0:15:00	1	Simmers restaurant, Kenyatta avenue	Garbage in plastic bags and sisal bags	Garbage in plastic bags, boxes, No spills, Food, paper and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
6th	5	9:02 AM	93	9:24 AM	94	CBD	0:22:00	0:03:00		0:25:00	0.2	City Hall, Mama Ngina street	Garbage in wheeled large plastic bins	Garbage in wheeled large plastic bins, No spills, Plant, paper and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
7th	5.9	9:30 AM	95	9:48 AM	96	CBD	0:18:00	0:06:00		0:24:00	0.9	Attitude pub, Nkurumah lane	Garbage in plastic bags and drums	Garbage in plastic bags, drums and sacks, No spills, Food and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
8th	6.7	9:55 AM	97	11:25 AM	98	CBD	1:30:00	0:07:00		1:37:00	0.8	Central car park, Taifa road	Garbage in large metal bins and on pavement	Garbage in large metal bins and on pavements pills noted,General public wastes,Orderely staff,dry road,no traffic jam,Sunny weather
Dumpsite	19.1	12:24 PM	99	2:02 PM	100	Embakasi		0:59:00	1:38:00	2:37:00		Dandora Dumpsite	Garbage in large heap	A lot of mud and most vehicles got stuck, difficult and delayed access to dumpsite. CCN tractors were not functioning
							3:53:00	1:43:00	1:38:00	7:14:00	6.7			

Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	34.5	3:08 PM	101	3:53 PM	102	CBD	0:45:00	1:06:00		1:51:00	15.4	City Market, Muindi Bingu street	Garbage in different containers, baskets and bins	Garbage in different containers, baskets and bins, Spills noted, Food, flower and General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather
2nd	35.7	4:10 PM	103	4:20 PM	104	CBD	0:10:00	0:17:00		0:27:00	1.2	Lagos road, CCN office	No collection	Sunny weather, No collection at this point
3rd	37.2	4:31 PM	105	4:53 PM	106	CBD	0:22:00	0:11:00		0:33:00	1.5	Jeevanjee gardens, Muindi Mbingu street	Garbage on bare ground	Garbage on bare ground, no spillages, General public wastes, Orderely staff, dry road, no traffic jam, Sunny weather



Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	50.7	6:02 PM	107	6:49 PM	108	Embakasi		1:09:00	0:47:00	1:56:00	13.5	Dandora Dumpsite	Garbage in large heap	Warm and dry
Garage	63.3	7:58 PM	109	8:02 PM	110	Kamu-kunji		1:09:00		1:09:00	12.6	Landhies road	Warm and dry	Warm and dry
							1:17:00	3:52:00	0:47:00	5:56:00	44.2			
							5:10:00	5:35:00	2:25:00	13:10:00	50.9			

Fri 8 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:50 AM	111	7:01 AM	112	Kamu-kunji						Landhies road		
1st	2.2	7:15 AM	113	7:53 AM	114	CBD	0:38:00	0:14:00		0:52:00	2.2	Timboroa road office	Garbage in bins, plastic bags and on the road	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, no traffic jam, Sunny weather
2nd	2.9	7:57 AM	115	8:11 AM	116	CBD	0:14:00	0:04:00		0:18:00	0.7	Future world, Tom Mboya street	Garbage on roadside, collected by wheelbarrow	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, no traffic jam, Sunny and cloudy weather
3rd	4.4	8:21 AM	117	8:35 AM	118	CBD	0:14:00	0:10:00		0:24:00	1.5	Cianda Market, Mfangano street	Garbage in sacks plastic bags and drums	Garbage in bins and in sacks, collected by wheelbarrow, No Spills, Food and General public wastes, Orderly staff, dry road, no traffic jam, Cloudy weather
4th	5.1	8:42 AM	119	9:41 AM	120	CBD	0:59:00	0:07:00		1:06:00	0.7	Pajay electronics, Race course road	Garbage on roadside and in sacks	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, no traffic jam, Sunny and cloudy weather
5th	5.3	9:50 AM	121	10:07 AM	122	CBD	0:17:00	0:09:00		0:26:00	0.2	Carn and Spares, Kirinyaga road	Garbage on roadside and in sacks	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, traffic jam noted, Sunny and cloudy weather
6th	5.5	10:12 AM	123	10:30 AM	124	CBD	0:18:00	0:05:00		0:23:00	0.2	Mustang tyres, Kirinyaga road	Garbage on roadside and in sacks	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, traffic jam noted, Sunny and cloudy weather
7th	5.8	10:38 AM	125	11:03 AM	126	CBD	0:25:00	0:08:00		0:33:00	0.3	Kimda Auto Accessories Voi road	Garbage on pavement and on bare ground	Garbage in bins, sacks and on road, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, dry road, traffic jam noted, Sunny and cloudy weather
8th	5.9	11:07 AM	127	2:06 PM	128	CBD	2:59:00	0:04:00		3:03:00	0.1	Gatukuyu house, Kirinyaga road	Garbage on pavement and on bare ground	Garbage on pavement and on bare ground, Spills noted, Food and General public wastes, Orderly staff, dry road, traffic jam noted, Sunny weather

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	16.9	3:20 PM	129	3:30 PM	130	Embakasi		1:14:00	0:10:00	1:24:00	11	Dandora Dumpsite	Garbage in heaps	traffic jam noted, mud present at the dumpsite, hot and sunny
Garage	30	4:00 PM	131	4:40 PM	132	Kamu-kunji		0:30:00		0:30:00	13.1	Landhies road		
							6:04:00	2:45:00	0:10:00	8:59:00	30			
							6:04:00	2:45:00	0:10:00	8:59:00	30			

### Sat 9 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:50 AM	133	8:09 AM	134	Kamu-kunji						Landhies road		Drizzzling and wetweather,
1st	2.5	8:19 AM	135	8:50 AM	136	CBD	0:31:00	0:10:00		0:41:00	2.5	Timboroa road office	Garbage on roadside and in bins and plastic bags	Garbage on roadside and bins, collected by wheelbarrow, Spills noted, Food and General public wastes, Orderly staff, slippery road, no traffic jam, Wet and coudy weather
2nd	8.7	9:24 AM	137	9:31 AM	138	CBD	0:07:00	0:34:00		0:41:00	6.2	Ukulima Co-op House, Haille Sellasie avenue	Garbage on roadside and in bins and plastic bags	Garbage in plastis bags and bins, no spills, Food and General public wastes, Orderly staff, slippery road, traffic jam present, Wet and coudy weather
3rd	16.1	9:51 AM	139	9:58 AM	140	Milimani	0:07:00	0:20:00		0:27:00	7.4	City inspectorate Ngong Road		Wet and cloudy weather
4th	20.1	10:26 AM	141	3:46 PM	142	Milimani	5:20:00	0:28:00		5:48:00	4	Uchumi Supermarket Ngong road	Garbage in a metal container	Garbage in large metal container, no spills, General public wastes, Orderly staff, Dry road, traffic jam present, Wet cold and coudy weather
Dumpsite	40.2	5:08 PM	143	5:14 PM	144	Embakasi		1:22:00	0:06:00	1:28:00	20.1	Dandora Dumpsite	Garbage in a heap	Garbage in a heap, Muddy road, orderly staff, Congasted traffic, Wet and Cloudy
Garage	53	6:00 PM	145	6:26 PM	146	Kamu-kunji		0:46:00		0:46:00	12.8	Landhies road		Wet and cloudy weather
							6:05:00	3:40:00	0:06:00	9:51:00	53			
							6:05:00	3:40:00	0:06:00	9:51:00	53			

2) KAW 743Z

Mon 4 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:39	1	6:43 AM	2	Kamu-kunji						Landhies road	Trucks waiting to leave	Driizzling weather,
Route assignme nt point	3	7:13 AM	3	8:30 AM	4	CBD	1:17	0:30		1:47	3	Lagos road	Crew awaiting instructions	Crew assigned to Langata route, Chilly weather, Congested traffic, Tarmack road, Delay caused by crew's lateness due to matatu strike
Gas Station	3.6	8:40 AM	5	8:58 AM	6	CBD	0:18	0:10		0:28	0.6	Kobil service station, River road	Long que at gas station	Long que at gas station, Chilly weather, Congested traffic, Tarmack road
Collection point allocation	8.8	9:20 AM	7	9:22 AM	8	Langata	0:02	0:22		0:24	5.2	Ward managers, Nairobi West	Picked up Regional environmental Supervisor	Picked up Regional environmental Supervisor, Fasttraffic, Tarmack road
1st	14.8	9:42 AM	9	10:45 AM	10	Langata	1:03	0:20		1:23	6	Langata Police Lines	Garbage in concrete cubicle, No spills or drippings	Garbage in concrete cubicle, No spills or drippings, Use of open sack, residential wastes, orderly staff, tarmack road, chilly weather, fast traffic
2nd	16.1	10:50 AM	11	10:54 AM	12	Langata	0:04	0:05		0:09	1.3	Ngei Estate, Langata	Garbage on roadside, drippings noted	Garbage on roadside, No spills, Use of open sack, residential wastes, orderly staff, tarmack road, sunny weather, fast traffic
3rd	16.3	10:58 AM	13	11:16 AM	14	Langata	0:18	0:04		0:22	0.2	Talent academy, Langata	Garbage on roadside, drippings noted	Garbage on roadside, drippings noted, Use of open sack, residential wastes, orderly staff, tarmack road, sunny weather, fast traffic
4th	16.5	11:17 AM	15	11:25 AM	16	Langata	0:08	0:01		0:09	0.2	Southlands estate, Langata	Garbage on roadside, No spills or drippings	Garbage on roadside, No spills or drippings, Use of open sack, general public wastes, orderly staff, tarmack road, sunny weather, fast traffic
5th	16.6	11:27 AM	17	12:09 PM	18	Langata	0:42	0:02		0:44	0.1	Park estate, Langata	Garbage in plastic bags, drippings noted	Garbage in plastic bags, drippings noted, Use of open sack, residential wastes, orderly staff, tarmack road, chillyweather, fast traffic
6th	16.7	12:10 PM	19	1:22 PM	20	Langata	1:12	0:01		1:13	0.1	Civil Servants estate, Langata	Garbage on roadside, drippings noted	Garbage on roadside, No spills or drippings, Use of open sack, general public wastes, orderly staff, tarmack road, sunny weather, fast traffic
Dumpsite	38.1	2:20 PM	21	2:35 PM	22	Embakasi		0:58	0:15	1:13	21.4	Dandora	Littered and foul smell, Muddy access road	Littered and foul smell, Muddy access road, Chilly weather, Fast traffic
Garage	48	3:15 PM	23			Kamu-kunji		0:40		0:40	9.9	Landhies road	Truck parked	Truck parked, Congested traffic,
							5:04	3:13	0:15	8:32	48			
							5:04	3:13	0:15	8:32	48			

Tue 5 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:26 AM	24	6:34 AM	25	Kamu-kunji						Landhies road	Trucks waiting to leave	Chilly weather,
Route assignment point	2.5	6:48 AM	26	7:42 AM	27	CBD	0:54	0:14		1:08	2.5	Lagos road	Crew awaiting instructions	Crew assigned to Langata route, Chilly weather, Congested traffic, Tarmack road
Collection point allocation	7	7:57 AM	28	8:03 AM	29	Langata	0:06	0:15		0:21	4.5	Ward managers, Nairobi West	Picked up Regional environmental Supervisor	Picked up Regional environmental Supervisor, Fasttraffic, Tarmack road
1st	7.2	8:07 AM	30	8:10 AM	31	Langata	0:03	0:04		0:07	0.2	Nairobi West estate	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, ash and polythene wastes, orderly staff, tarmack road, sunny weather, scarce traffic
2nd	7.5	8:12 AM	32	8:14 AM	33	Langata	0:02	0:02		0:04	0.3	Nairobi West shopping centre	Garbage in plastic bags and sacks, no spills or drippings	Garbage in plastic bags and sacks, no spills or drippings, Use of open sack, ash and polythene wastes, orderly staff, tarmack road, sunny weather, scarce traffic
3rd	7.8	8:25 AM	34	8:28 AM	35	Langata	0:03	0:11		0:14	0.3	Green rose restaurant, Nairobi West	Garbage in plastic bins, no spills or drippings	Garbage in plastic bins, no spills or drippings, Use of open sack, ash and polythene wastes, orderly staff, tarmack road, sunny weather, scarce traffic
4th	8.4	8:35 AM	36	8:46 AM	37	Langata	0:11	0:07		0:18	0.6	Kifaru Estate, Nairobi West	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
5th	8.7	8:56 AM	38	9:07 AM	39	Langata	0:11	0:10		0:21	0.3	Samaj Estate, Nairobi West	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
6th	9.3	9:10 AM	40	9:17 AM	41	Langata	0:07	0:03		0:10	0.6	Swara Crescent, Nairobi West	Garbage in plastic bins and bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
7th	10.4	9:28 AM	42	9:34 AM	43	Langata	0:06	0:11		0:17	1.1	Bombay estate, Nairobi West	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
8th	10.6	9:50 AM	44	10:13 AM	45	Langata	0:23	0:16		0:39	0.2	Birongo Square, Nairobi West	Garbage in plastic bins and sacks, no spills or drippings	Garbage in sacks and bins, no spills or drippings, general public wastes, staff assisted by street boys to load, tarmack road, sunny weather, scarce traffic
9th	10.7	10:22 AM	46	10:34 AM	47	Langata	0:12	0:09		0:21	0.1	Birongo Junction, Nairobi West	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, no spills or drippings, general public wastes, orderly staff, tarmack road, sunny weather, scarce traffic
10th	10.8	10:37 AM	48	10:54 AM	49	Langata	0:17	0:03		0:20	0.1	Birongo Market, Nairobi West	Garbage in sacks, no spills or drippings	Garbage in closed sacks, no spills or drippings, vegetable wastes, orderly staff, tarmack road, sunny weather,

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
														scarce traffic
11th	11.3	11:08 AM	50	11:18 AM	51	Langata	0:10	0:14		0:24	0.5	Madaraka flats, Nairobi West	Garbage in plastic bags, no spills or drippings	Garbage in plastic bags, spills swept, residential wastes, staff unwilling to work, tarmack road, sunny weather, scarce traffic
Dumpsite	23.9	11:58 AM	52	12:55 PM	53	Embakasi		0:40	0:57	1:37	12.6	Dandora	Littered and foul smell, Muddy access road	Littered and foul smell, Muddy access road, Long que during offloading
							2:45	2:39	0:57	6:21	23.9			

Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	38.8	1:57 PM	54	2:01 PM	55	Langata	0:04	1:02		1:06	14.9	Madaraka flats, Nairobi West	Garbage in plastic bags on roadside, no spills or drippings	Garbage in plastic bags on roadside, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
2nd	39.4	2:08 PM	56	2:14 PM	57	Langata	0:06	0:07		0:13	0.6	Strathmore College, Madaraka	Garbage in plastic bags in concrete cubicle, no spills or drippings	Garbage in plastic bags in concrete cubicle, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
3rd	46.4	2:50 PM	58	2:53 PM	59	Langata	0:03	0:36		0:39	7	Karanja road, Kibera	Garbage in plastic bags on roadside, no spills or drippings	Garbage in plastic bags on roadside, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
4th	46.7	3:10 PM	60	3:44 PM	61	Langata	0:34	0:17		0:51	0.3	Salama estate	Garbage in plastic bags in iron sheet cubicle, no spills or drippings	Garbage in plastic bags in iron sheet cubicle, no spills or drippings, residential wastes, orderly staff, tarmack road, sunny weather, scarce traffic
Dumpsite	68.8	6:57 PM	62	7:39 PM	63	Embakasi		3:13	0:42	3:55	22.1	Dandora	Littered and foul smell, Muddy access road	Littered and foul smell, Muddy access road
Garage	78.4	8:33 PM	64	8:42 PM	65	Kamukunji		0:54		0:54	9.6	Landhies road	Truck parked	Truck parked
							0:47	6:09	0:42	7:38	54.5			
							3:32	8:48	1:39	13:59	78.4			

Wed 6 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	7:00 AM	66	7:30 AM	67	Embakasi						Landhies road	Trucks waiting to leave	Trucks waiting to leave
Route assignment point	2.4	7:45 AM	68	7:48 AM	69	CBD	0:03	0:15		0:18	2.4	Lagos road	Driver assigned Makadara division	Driver assigned Makadara division, Sunny weather
Gas Station	3	7:51 AM	70	8:00 AM	71	CBD	0:09	0:03		0:12	0.6	Kobil service station, River road	Garbage on roadside, drippings	Truck was number two in que

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	8.2	8:15 AM	72	8:19 AM	73	Makadara	0:04	0:15		0:19	5.2	Makadara estate, Jogoo road estate	Garbage on roadside, drippings noted	Garbage on roadside, use of open sack, drippings noted, general public wastes, composed staff, Tarmack road, fast traffic Sunny weather,
2nd	8.4	8:33 AM	74	8:39 AM	75	Makadara	0:06	0:14		0:20	0.2	Hamza road	Garbage on roadside, drippings noted	Garbage on roadside, use of open sack, no drippings or spills, general public wastes, composed staff, Tarmack road, congested traffic Sunny weather,
3rd	9.8	8:46 AM	76	8:54 AM	77	Makadara	0:08	0:07		0:15	1.4	Buruburu phase 5 bus stop	Garbage on roadside, drippings noted	Garbage on bare ground, use of open sack, no drippings or spills, vegetable wastes, composed staff, Tarmack road, congested traffic Sunny weather,
4th	10.2	8:56 AM	78	9:00 AM	79	Makadara	0:04	0:02		0:06	0.4	Buruburu phase 4-Mumias road	Garbage on roadside, drippings noted	Garbage on bare ground, use of open sack, no drippings or spills, general public wastes, composed staff, Tarmack road, congested traffic Sunny weather,
5th	11	9:15 AM	80	10:04 AM	81	Makadara	0:49	0:15		1:04	0.8	Buruburu shopping centre	Garbage on roadside and in plastic bags, drippings noted	Garbage in plastic bags and some lying on bare ground, use of open sack, no drippings or spills, general public wastes, composed staff, Tarmack road, congested traffic Sunny weather,
6th	11.3	10:06 AM	82	10:23 AM	83	Makadara	0:17	0:02		0:19	0.3	Buruburu, opposite Tuskys supermarket	Garbage on roadside and in plastic bags, drippings noted	Garbage in plastic bags and in handcart, use of open sack, no drippings or spills, general public wastes, composed staff, Tarmack road, congested traffic Sunny weather,
7th	11.8	10:28 AM	84	10:41 AM	85	Makadara	0:13	0:05		0:18	0.5	Buruburu phase 4-Bisika court	Garbage in plastic bags, drippings noted	Garbage in plastic bags, no drippings or spills, residential wastes, composed staff, Tarmack road, slightly congested traffic Sunny weather,
8th	12	10:46 AM	86	11:01 AM	87	Makadara	0:15	0:05		0:20	0.2	Buruburu phase 4-Ukanda groove	Garbage in plastic bags, drippings noted	Garbage in plastic bags, no drippings or spills, residential wastes, composed staff, Tarmack road, scarce traffic Sunny weather,
9th	12.7	11:10 AM	88	11:15 AM	89	Makadara	0:05	0:09		0:14	0.7	Buruburu phase 3-Buchuma road	Garbage on roadside in sacks, drippings noted	Garbage in sacks, no drippings or spills, vegetable wastes, composed staff, Tarmack road, scarce traffic Sunny weather,
Dumpsite	18.5	11:36 AM	90	1:11 PM	91	Embakasi		0:21	1:35	1:56	5.8	Dandora	Littered and foul smell, Muddy access road, Long que during offloads	Littered and foul smell, Muddy access road, Long que during offloading
Garage	42.5	1:45 PM	92	1:48 PM	93	Kamu-kunji		0:34		0:34	24	Landhies road	Truck parked	Truck parked
							2:13	2:27	1:35	6:15	42.5			
							2:13	2:27	1:35	6:15	42.5			

Thu 7 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:44 AM	94	6:49 AM	95	Kamu-kunji						Landhies road	Trucks waiting to leave	Trucks waiting to leave
Route assignment point	2.3	7:03 AM	96	7:34 AM	97	CBD	0:31	0:14		0:45	2.3	Lagos road	Crew assigned to Makadar division	Crew assigned to Makadar division, Waiting for fuel monies to be disbursed causing delay
Gas Station	2.8	7:38 AM	98	7:45 AM	99	CBD	0:07	0:04		0:11	0.5	Kobil service station, River road	No que in waiting	No que in waiting, Another CCN truck refuelling, Congested traffic, Sunny weather
Collection point allocation	8.3	8:00 AM	100	8:08 AM	101	Makadara	0:08	0:15		0:23	5.5	Hamza road	Driver re-assigned to Langata division	Driver re- assigned to Langata division, Fast traffic, Sunny weather, Tarmack road
Collection point allocation	15.1	8:34 AM	102	8:38 AM	103	Langata	0:04	0:26		0:30	6.8	Ward managers, Nairobi West	Driver instructed to go to Kibera	Driver instructed to go to Kibera, Congested traffic, Tarmack road, Sunny weather
1st	21.8	9:01 AM	104	1:54 PM	105	Langata	4:53	0:23		5:16	6.7	Kibera Drive	Garbage lying on bare ground at the roadside	Garbage lying on bare ground at the roadside in a field ,Use of open sack sheet, residential wastes, Composed staff, tarmack road, Fast traffic, Sunny weather
Dumpsite	44.5	3:14 PM	106	3:54 PM	107	Embakasi		1:20	0:40	2:00	22.7	Dandora	Littered, Drizzling, Long que at weigh bridge	Littered, Drizzling, Muddy terrain in dumpsite, Long que at weigh bridge
Garage	57.2	4:24 PM	108	4:29 PM	109	Kamu-kunji		0:30		0:30	12.7	Landhies road	Truck parked	Truck parked, Congested traffic, Tarmack road, Sunny weather
							5:43	3:12	0:40	9:35	57.2			
							5:43	3:12	0:40	9:35	57.2			

Fri 8 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:48 AM	110	6:54 AM	111	Kamu-kunji						Landhies road	Trucks waiting to leave	Trucks waiting to leave
Route assignment point	2.4	7:10 AM	112	7:14 AM	113	CBD	0:04	0:16		0:20	2.4	Lagos road	Driver assigned Kamukunji division	Driver assigned Kamukunji division, Several trucks awaiting instruction, Tarmack road, Congested traffic, Chilly weather
Collection point allocation	5.4	7:34 AM	114	8:32 AM	115	Kamu-kunji	0:58	0:20		1:18	3	Kamukunji ward managers office	Picked up Regional environmental Supervisor	Crew awaiting the supervisor who came to work late indeed. Tarmack road, Congested traffic, Chilly weather
1st	7.6	8:49 AM	116	9:44 AM	117	Kamu-kunji	0:55	0:17		1:12	2.2	Business arcade, Gikomba Market	Garbage lying on the road, Truck collected half the garbage	Garbage lying on the road in sacks, vegetable wastes, Composed staff, tarmack road, Fast traffic, Sunny weather
2nd	11.2	10:15 AM	118	1:10 PM	119	Kamu-kunji	2:55	0:31		3:26	3.6	Eastleigh 2nd avenue	Garbage lying on the road in a very huge heap, Truck got full	Garbage lying on the road in a very huge heap, Found another CCN truck collecting from same heap, general wastes, Composed staff, use of open sack sheets, tarmack road, Fast traffic, Sunny weather

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	17.6	1:36 PM	120	2:12 PM	121	Embakasi		0:26	0:36	1:02	6.4	Dandora	Littered, Long que at weigh bridge	Littered ,Long que at weigh bridge, Sunny weather, Fast traffic to Dandora
Garage	29.7	2:56 PM	122	3:00 PM	123	Kamu-kunji		0:44		0:44	12.1	Landhies road	Truck parked	Truck parked
							4:52	2:34	0:36	8:02	29.7			
							4:52	2:34	0:36	8:02	29.7			

### Sat 9 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	7:07 AM	124	7:11 AM	125	Kamu-kunji						Landhies road	Trucks waiting to leave	Trucks waiting to leave
Route assignment point	3.2	7:32 AM	126	7:34 AM	127	CBD	0:02	0:21		0:23	3.2	Lagos road	Driver instructed to collect in CBD region	Driver instructed to collect in CBD region, Heavy rainfall, Tarmack road, congested traffic
1st	3.9	7:46 AM	128	7:51 AM	129	CBD	0:05	0:12		0:17	0.7	Al Mansura Hotel- Munyu road	Garbage in plastic bins, no spills or drippings, Kitchen wastes, Composed staff, Tarmack road, Congested traffic, Slight showers	Garbage in plastic bins, no spills or drippings, Kitchen wastes, Composed staff, Tarmack road, Congested traffic, Slight showers
2nd	4.5	8:01 AM	130	8:06 AM	131	CBD	0:05	0:10		0:15	0.6	River side road	Garbage in sacks and plastic bins, no spills or drippings	Garbage in plastic bins, sacsjs, metal drums and worn out tyres on roadside, no spills or drippings, Kitchen wastes, Composed staff, Tarmack road, Congested traffic, Slight showers
3rd	6	8:15 AM	132	9:54 AM	133	CBD	1:39	0:09		1:48	1.5	Muthurwa bus stage	Garbage lying on a secluded area at the roadside, no spills or drippings	Garbage lying on a secluded area at the roadside, no spills or drippings, Vegetable and polythene wastes, Composed staff, Tarmack road, Congested traffic, Chilly weather
Gas Station	7.4	10:03 AM	134	10:12 AM	135	Kamu-kunji	0:09	0:09		0:18	1.4	Prime star service station, Landhies road	Another CCN truck refuelling	Another CCN truck refueling, congested traffic, Tarmack road, Chilly weather
4th	8.2	10:19 AM	136	12:30 PM	137	CBD	2:11	0:07		2:18	0.8	Muthurwa bus stage	Garbage lying on a secluded area at the roadside	Garbage lying on a secluded area at the roadside. No spills or drippings, Vegetable and polythene wastes, Continued to collect garbage remainder. Composed staff, Tarmack road, Congested traffic, Chilly weather
Dumpsite	19	1:08 PM	138	1:26 PM	139	Embakasi		0:38	0:18	0:56	10.8	Dandora	Littered and muddy. No que during offloads	Littered and muddy.No que during offloading
Garage	28.8	2:07 PM	140	2:12 PM	141	Kamu-kunji		0:41		0:41	9.8	Landhies road	Truck parked	Truck parked
							4:11	2:27	0:18	6:56	28.8			
							4:11	2:27	0:18	6:56	28.8			



## 3) KPB 307

Mon 4 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	5:00 AM	1	5:06 AM	2	CBD						Kijabe Street	Wet and muddy	Wet and muddy
Gas Station	3	5:10 AM	3	5:13 AM	4	CBD	0:03:00	0:04:00		0:07:00	3	Pop in petrol station	Dry and tarmacked	Dry and tarmacked
1st	4	5:18 AM	5	5:35 AM	6	CBD	0:17:00	0:05:00		0:22:00	1	Kenya Re	Dry and spills collected	office and flower wastes, Dry collection point, spills collected, Drizzling weather, Organised staff
2nd	5	5:36 AM	7	5:38 AM	8	CBD	0:02:00	0:01:00		0:03:00	1	KICC	Dry and no spills	office wastes, Dry collection point, spills collected, Drizzling weather, Organised staff
3rd	6	5:43 AM	9	5:49 AM	10	CBD	0:06:00	0:05:00		0:11:00	1	KTDA house	Wet, tarmacked No spills	Hotel wastes
4th	6	5:52 AM	11	5:58 AM	12	CBD	0:06:00	0:03:00		0:09:00	0	Taveta road	No spills	office wastes, no spills, Drizzling weather, Organised staff
5th	6	5:59 AM	13	6:01 AM	14	CBD	0:02:00	0:01:00		0:03:00	0	Taveta court	No spills	Dry collection point, office wastes, no spills, Drizzling weather, Organised staff
6th	6	6:02 AM	15	6:04 AM	16	CBD	0:02:00	0:01:00		0:03:00	0	Timboroa	No spills	Hotel wastes in sisal sacks
8th	7	6:07 AM	17	6:23 AM	18	CBD	0:16:00	0:03:00		0:19:00	1	Tsavo lane	No spills	General wastes in nylon bags and other nylon wastes, Wet and tarmacked, no spills
9th	7	6:24 AM	19	6:25 AM	20	CBD	0:01:00	0:01:00		0:02:00	0	Bravia	No spills	office wastes in cartons and plastic container, no spills,
10th	8	6:28 AM	21	6:37 AM	22	CBD	0:09:00	0:03:00		0:12:00	1	Central car park	No spills	Hotel wastes in black paper bags and plastic containers, no spills, tarmack road, drizzling weather, orderly staff
11th	8	6:38 AM	23	6:39 AM	24	CBD	0:01:00	0:01:00		0:02:00	0	Luthuli road	No waste	no waste
12th	8	6:40 AM	25	6:42 AM	26	CBD	0:02:00	0:01:00		0:03:00	0	Luthuli house	No waste	no waste
13th	9	6:47 AM	27	6:50 AM	28	CBD	0:03:00	0:05:00		0:08:00	1	Horizon foods ,Jeevanjee	No spills	Hotel wastes in metal container
14th	10	6:53 AM	29	6:53 AM	30	CBD	0:00:00	0:03:00		0:03:00	1	Kengeles	closed	closed
15th	10	6:55 AM	31	6:59 AM	32	CBD	0:04:00	0:02:00		0:06:00	0	Loita Street	closed	closed
16th	11	7:05 AM	33	7:07 AM	34	CBD	0:02:00	0:06:00		0:08:00	1	Karibu Hotel, Tom Mboya street	closed	closed
17th	12	7:08 AM	35	7:16 AM	36	CBD	0:08:00	0:01:00		0:09:00	1	Mfangano street	No spills	Hotel wastes in nylon bags, no spills, organised staff, drizzling, dry and tarmacked road
18th	13	7:18 AM	37	7:26 AM	38	CBD	0:08:00	0:02:00		0:10:00	1	Bus station	No spills	General and Hotel wastes in metal container and nylon bags, no spills, organised staff, drizzling, dry and tarmacked road
19th	13	7:29 AM	39	7:38 AM	40	CBD	0:09:00	0:03:00		0:12:00	0	Ronald Ngala	No spills	General and Hotel wastes in metal and plastic container, no spills, organised staff, drizzling, dry and tarmacked road, scarce traffic
20th	15	7:39 AM	41	7:45 AM	42	CBD	0:06:00	0:01:00		0:07:00	2	Ronald Ngala	No spills	Hotel wastes in plastic container, no spills, organised staff, drizzling, dry and tarmacked road, scarce traffic
21st	16	7:47 AM	43	8:00 AM	44	CBD	0:13:00	0:02:00		0:15:00	1	Mfangano street	No spills	Office wastes in plastic container, paper bags and

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
														nylon bags, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic
22nd	16	8:02 AM	45	8:12 AM	46	CBD	0:10:00	0:02:00		0:12:00	0	Mfangano lane	No spills	Bakery wastes in a cubicle collected using nylon bags, no spills, organised staff, driizzling, muddy and slippery road,
23rd	16	8:20 AM	47	8:30 AM	48	CBD	0:10:00	0:08:00		0:18:00	0	Accra road	No spills	General wastes in nylon bags, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic
24th	17	8:36 AM	49	8:37 AM	50	CBD	0:01:00	0:06:00		0:07:00	1	Istanbul	No waste	no waste
25th	17	8:38 AM	51	8:45 AM	52	CBD	0:07:00	0:01:00		0:08:00	0	IMC building	No spills	Office wastes in plastic containers, no spills, organised staff, d, dry and tarmacked road, scarce traffic, wet weather
26th	18	8:55 AM	53	8:58 AM	54	CBD	0:03:00	0:10:00		0:13:00	1	Kengeles	No spills	Hotel wastes in plastic containers, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic, wet weather
27th	20	9:06 AM	55	9:17 AM	56	CBD	0:11:00	0:08:00		0:19:00	2	Impals house	No spills	General wastes in nylon bags, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic
28th	20	9:21 AM	57	9:25 AM	58	CBD	0:04:00	0:04:00		0:08:00	0	Afya Centre	No spills	Office wastes, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic
29th	20	9:26 AM	59	9:50 AM	60	CBD	0:24:00	0:01:00		0:25:00	0	G pub	No spills	General wastes in plastic containers and nylon bags, no spills, organised staff, driizzling, wet and tarmacked road, scarce traffic
30th	21	9:51 AM	61	10:02 AM	62	CBD	0:11:00	0:01:00		0:12:00	1	Kinangop Hotel, Hawkers Empo	No spills	Hotel wastes in plastic containers, no spills, organised staff, driizzling, dry and tarmacked road, scarce traffic, cloudy weather
Dumpsite	21	10:39 AM	63	3:27 PM	64	Embakasi		0:37:00	4:48:00	5:25:00	0	Dandora	Littered	Littered
Garage	31	4:14 PM	65			CBD		0:47:00		0:47:00	10	Kijabe Street	Parking	Parking
							3:21:00	2:59:00	4:48:00	11:08:00	31			
							3:21:00	2:59:00	4:48:00	11:08:00	31			

### Tue 5 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	4:53 AM	66	5:01 AM	67	CBD						Kijabe Street	Truck leaving	Truck leaving
Gas Station	3	5:06 AM	68	5:11 AM	69	CBD	0:05:00	0:05:00		0:10:00	3	Pop in petrol station	fuelling	fuelling
1st	4	5:16 AM	70	5:51 AM	71	CBD	0:35:00	0:05:00		0:40:00	1	Kenya Re	Spills collected	office and flower wastes, Dry collection point, spills collected, Organised staff
2nd	5	5:54 AM	72	5:56 AM	73	CBD	0:02:00	0:03:00		0:05:00	1	KICC	No spills	office wastes in black paper bags, Dry collection point, no spills, dry and cloudy weather, Organised staff
3rd	6	6:00 AM	74	6:07 AM	75	CBD	0:07:00	0:04:00		0:11:00	1	KTDA house	No spills	office and kitchen wastes in plastic containers, Dry collection point, no spills, dry and cloudy weather, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
4th	6	6:09 AM	76	6:31 AM	77	CBD	0:22:00	0:02:00		0:24:00	0	London Business Centre	No spills	General public wastes in concrete container, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff
5th	6	6:32 AM	78	6:33 AM	79	CBD	0:01:00	0:01:00		0:02:00	0	Taveta	No spills	Office wastes, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff
6th	7	6:34 AM	80	6:35 AM	81	CBD	0:01:00	0:01:00		0:02:00	1	Timboroa	No spills	Hotel wastes collected in nylon bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff
8th	7	6:39 AM	82	6:46 AM	83	CBD	0:07:00	0:04:00		0:11:00	0	Cenral car park	No spills	Hotel wastes collected in nylon bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff
9th	7	6:48 AM	84	6:50 AM	85	CBD	0:02:00	0:02:00		0:04:00	0	Sheikh Karume	No spills	Office wastes, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff, scarce traffic
10th	7	6:51 AM	86	7:11 AM	87	CBD	0:20:00	0:01:00		0:21:00	0	Luthuli avenue	No spills	General public wastes in nylon bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Organised staff
11th	8	7:13 AM	88	7:14 AM	89	CBD	0:01:00	0:02:00		0:03:00	1	Accra road	No spills	General public wastes in plastic containers, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
12th	12	7:31 AM	90	7:41 AM	91	Milimani	0:10:00	0:17:00		0:27:00	4	Kileleshwa 1	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
13th	12	7:42 AM	92	7:50 AM	93	Milimani	0:08:00	0:01:00		0:09:00	0	Kileleshwa 2	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
14th	13	7:52 AM	94	7:54 AM	95	Milimani	0:02:00	0:02:00		0:04:00	1	Kileleshwa 3	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
15th	13	7:55 AM	96	7:57 AM	97	Milimani	0:02:00	0:01:00		0:03:00	0	Kileleshwa 4	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, , Scarce traffic, Organised staff
16th	14	7:58 AM	98	7:59 AM	99	Milimani	0:01:00	0:01:00		0:02:00	1	Kileleshwa 5	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, , Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
17th	14	7:59 AM	100	8:00 AM	101	Milimani	0:01:00	0:00:00		0:01:00	0	Kileleshwa 6	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
18th	14	8:01 AM	102	8:07 AM	103	Milimani	0:06:00	0:01:00		0:07:00	0	Kileleshwa 7	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
19th	15	8:10 AM	104	8:18 AM	105	Milimani	0:08:00	0:03:00		0:11:00	1	Kileleshwa 8	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
20th	15	8:20 AM	106	8:22 AM	107	Milimani	0:02:00	0:02:00		0:04:00	0	Kileleshwa 9	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
21st	15	8:23 AM	108	8:32 AM	109	Milimani	0:09:00	0:01:00		0:10:00	0	Kileleshwa 10	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
22nd	16	8:39 AM	110	8:42 AM	111	Milimani	0:03:00	0:07:00		0:10:00	1	Kileleshwa 11	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
23rd	17	8:43 AM	112	8:44 AM	113	Milimani	0:01:00	0:01:00		0:02:00	1	Kileleshwa 12	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
24th	17	8:47 AM	114	8:50 AM	115	Milimani	0:03:00	0:03:00		0:06:00	0	Kileleshwa 13	closed	Closed
25th	20	8:58 AM	116	9:05 AM	117	Milimani	0:07:00	0:08:00		0:15:00	3	Kileleshwa 14	Not enough garbage	Not enough garbage to be collected
26th	21	9:29 AM	118	9:30 AM	119	Milimani	0:01:00	0:24:00		0:25:00	1	Lavington 1	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills Sunny weather, Scarce traffic, Organised staff
27th	23	9:31 AM	120	9:37 AM	121	Milimani	0:06:00	0:01:00		0:07:00	2	Lavington 2	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
28th	23	9:42 AM	122	9:44 AM	123	Milimani	0:02:00	0:05:00		0:07:00	0	Lavington 3	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills Sunny weather, Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
29th	24	9:49 AM	124	9:50 AM	125	Milimani	0:01:00	0:05:00		0:06:00	1	Lavington 4	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
30th	25	9:51 AM	126	10:09 AM	127	Milimani	0:18:00	0:01:00		0:19:00	1	Lavington 5	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills Sunny weather, Scarce traffic, Organised staff
31st	25	10:11 AM	128	10:18 AM	129	Milimani	0:07:00	0:02:00		0:09:00	0	Lavington 6	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
32nd	25	10:19 AM	130	10:22 AM	131	Milimani	0:03:00	0:01:00		0:04:00	0	Lavington 7	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
33rd	25	10:24 AM	132	10:31 AM	133	Milimani	0:07:00	0:02:00		0:09:00	0	Lavington 8	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
34th	25	10:32 AM	134	10:36 AM	135	Milimani	0:04:00	0:01:00		0:05:00	0	Lavington 9	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
35th	26	10:38 AM	136	10:41 AM	137	Milimani	0:03:00	0:02:00		0:05:00	1	Lavington 10	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
36th	26	10:44 AM	138	10:52 AM	139	Milimani	0:08:00	0:03:00		0:11:00	0	Lavington 11	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
37th	26	10:54 AM	140	11:03 AM	141	Milimani	0:09:00	0:02:00		0:11:00	0	Lavington 12	No spills	Residential wastes, and commercial wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
38th	27	11:07 AM	142	11:13 AM	143	Milimani	0:06:00	0:04:00		0:10:00	1	Lavington 13	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
39th	28	11:19 AM	144	11:21 AM	145	Milimani	0:02:00	0:06:00		0:08:00	1	Lavington 14	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
40th	32	11:41 AM	146	11:46 AM	147	Milimani	0:05:00	0:20:00		0:25:00	4	Lavington 15	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
41st	35	11:53 AM	148	12:25 PM	149	Milimani	0:32:00	0:07:00		0:39:00	3	Lavington 16	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
42nd	36	12:32 PM	150	12:41 PM	151	Milimani	0:09:00	0:07:00		0:16:00	1	Lavington 17	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
43rd	37	12:45 PM	152	12:53 PM	153	Milimani	0:08:00	0:04:00		0:12:00	1	Lavington 18	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
44th	39	1:09 PM	154	1:16 PM	155	Milimani	0:07:00	0:16:00		0:23:00	2	Kilimani 1	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
45th	40	1:20 PM	156	1:34 PM	157	Milimani	0:14:00	0:04:00		0:18:00	1	Kilimani 2	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
46th	41	1:38 PM	158	1:40 PM	159	Milimani	0:02:00	0:04:00		0:06:00	1	Kilimani 3	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
47th	42	1:45 PM	160	1:56 PM	161	Milimani	0:11:00	0:05:00		0:16:00	1	Kilimani 4	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
48th	43	1:59 PM	162	2:03 PM	163	Milimani	0:04:00	0:03:00		0:07:00	1	Kilimani5	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
49th	44	2:09 PM	164	2:14 PM	165	Milimani	0:05:00	0:06:00		0:11:00	1	Kilimani 6	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
50th	44	2:15 PM	166	2:18 PM	167	Milimani	0:03:00	0:01:00		0:04:00	0	Kilimani 7	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
51st	45	2:20 PM	168	2:33 PM	169	Milimani	0:13:00	0:02:00		0:15:00	1	Kilimani 8	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Sunny weather, Scarce traffic, Organised staff
52nd	47	2:44 PM	170	3:09 PM	171	Milimani	0:25:00	0:11:00		0:36:00	2	Kilimani 9	No spills	Residential wastes in plastic containers and paper bags, Dry collection point, Tarmack road, no spills, Scarce traffic, Organised staff
53rd	52	4:34 PM	172	5:05 PM	173	Starehe	0:31:00	1:25:00		1:56:00	5	Juja road	Awaiting official communication	Awaiting official communication. Instructed to go back to the garage due to the dumpsites bad state
Garage	55	5:47 PM	174			CBD		0:42:00		0:42:00	3	Kijabe Street	Parking	Parking
							6:52:00	5:54:00	0:00:00	12:46:00	55			
							6:52:00	5:54:00	0:00:00	12:46:00	55			

Wed 6 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	4:57 AM	175	5:00 AM	176	CBD						Kijabe Street	All weather	All weather and dry
Dumpsite	12	5:35 AM	177	8:24 AM	178	Embakasi		0:35:00	2:49:00	3:24:00	12	Dandora	Muddy and slippery	Offloaded previous day's collection. Littered all over, muddy and slippery.
Gas Station	24	9:52 AM	179	9:56 AM	180	CBD	0:04:00	1:28:00		1:32:00	12	Pop in petrol station	fuelling	fuelling
1st	30	10:25 AM	181	11:09 AM	182	Westlands	0:44:00	0:29:00		1:13:00	6	Olive gardens	Spills swept	Hotel wastes collected in polythene bags in metal cubicle, Dry collection point, Tarmack road, no spills, Slow traffic Organised staff
2nd	31	11:13 AM	183	11:16 AM	184	Westlands	0:03:00	0:04:00		0:07:00	1	Kilimani 1	No spills	Residential wastes in paper bags, Dry collection point, Tarmack road, no spills, Slow traffic, Organised staff
3rd	31	11:17 AM	185	11:41 AM	186	Westlands	0:24:00	0:01:00		0:25:00	0	Kilimani 2	No spills	Residential wastes in paper bags, Dry collection point, Tarmack road, no spills, Slow traffic, Organised staff
4th	32	11:47 AM	187	12:06 PM	188	Westlands	0:19:00	0:06:00		0:25:00	1	Kilimani 3	No spills	Residential wastes in paper bags, Dry collection point, Tarmack road, no spills, Slow traffic, Organised staff
Garage	40	12:49 PM	189			CBD		0:43:00		0:43:00	8	Kijabe Street	Parking	Parking
							1:34:00	3:26:00	2:49:00	7:49:00	40			
							1:34:00	3:26:00	2:49:00	7:49:00	40			

Thu 7 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	4:59 AM	190	5:10 AM	191	CBD						Kijabe Street	Parking	Parking
1st	3	5:16 AM	192	5:48 AM	193	CBD	0:32:00	0:06:00		0:38:00	3	Kenya Re	dry,spills well swept	office wastes in a metal cubicle, spills well collected, dry and cold weather, Organised staff, Tarmack road, Scarce traffic
2nd	4	5:51 AM	194	5:54 AM	195	CBD	0:03:00	0:03:00		0:06:00	1	KICC	No spills	office wastes in paper bags and plastic containers, No spills, dry and cold weather, Organised staff, Tarmack road, Scarce traffic
3rd	5	5:58 AM	196	6:07 AM	197	CBD	0:09:00	0:04:00		0:13:00	1	KTDA house	No spills	office and kitchen wastes in large plastic containers, No spills dry and cold weather, Organised staff, Tarmack road
4th	5	6:09 AM	198	6:47 AM	199	CBD	0:38:00	0:02:00		0:40:00	0	Taveta	No spills	office waste papers, No spills, dry and cold weather, Organised staff, Tarmack road
5th	5	6:48 AM	200	6:53 AM	201	CBD	0:05:00	0:01:00		0:06:00	0	Taveta court	No spills	office waste papers in plastic containers, No spills, dry and cold weather, Organised staff, Tarmack road, Fast traffic
6th	6	6:55 AM	202	6:56 AM	203	CBD	0:01:00	0:02:00		0:03:00	1	Timboroa	No spills	Hotel wastes in sisal bags, Tarmack road, no spills, Sunny weather, Fast traffic Organised staff
8th	6	6:58 AM	204	7:12 AM	205	CBD	0:14:00	0:02:00		0:16:00	0	Tsavo lane	No spills	office wastes in nylon bags, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
9th	6	7:15 AM	206	7:18 AM	207	CBD	0:03:00	0:03:00		0:06:00	0	Munyu road	No spills	office and hotel wastes in plastic containers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
10th	7	7:19 AM	208	7:25 AM	209	CBD	0:06:00	0:01:00		0:07:00	1	Cenral car park	No spills	hotel wastes in plastic containers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
11th	7	7:27 AM	210	7:32 AM	211	CBD	0:05:00	0:02:00		0:07:00	0	Luthuli avenue	No spills	office wastes in nylon bags, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
12th	7	7:33 AM	212	7:46 AM	213	CBD	0:13:00	0:01:00		0:14:00	0	Gaberone road	No spills	office wastes in large plastic containers, No spills dry and cold weather, Organised staff, Tarmack road
Gas Station	8	7:48 AM	214	7:51 AM	215	CBD	0:03:00	0:02:00		0:05:00	1	Pop in petrol station	fuelling	fuelling
13th	8	7:56 AM	216	8:08 AM	217	CBD	0:12:00	0:05:00		0:17:00	0	Karibu Hotel,Tom Mboya street	No spills	hotel wastes in metal ontainers,No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic



Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
14th	8	8:10 AM	218	8:30 AM	219	CBD	0:20:00	0:02:00		0:22:00	0	Oywa Ngori Hotel	No spills	hotel wastes in nylon bags, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
15th	9	8:37 AM	220	8:52 AM	221	CBD	0:15:00	0:07:00		0:22:00	1	Bus station	No spills	hotel wastes in metal ontainers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
16th	10	9:00 AM	222	9:27 AM	223	CBD	0:27:00	0:08:00		0:35:00	1	Sheikh Karume	Muddy, Garbage in a water paddle	Bakery wastes inside a cubicle, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
17th	11	9:51 AM	224	9:55 AM	225	CBD	0:04:00	0:24:00		0:28:00	1	Accra lane	No spills	office and hotel wastes in plastic ontainers and nylon bags, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
18th	13	10:07 AM	226	10:15 AM	227	CBD	0:08:00	0:12:00		0:20:00	2	Kengeles	No spills	Restaurant and bar wastes in paper bags, No spills, Sunny weather, Organised staff, Tarmack road, Scarce traffic
19th	14	10:19 AM	228	10:35 AM	229	CBD	0:16:00	0:04:00		0:20:00	1	Loita lane	No spills	hotel wastes in plastic ontainers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
20th	16	10:51 AM	230	12:41 PM	231	CBD	1:50:00	0:16:00		2:06:00	2	Neno Church	No spills	hotel wastes in nylon bags and plastic containers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
Dumpsite	28	1:50 PM	232	2:48 PM	233	Embakasi		1:09:00	0:58:00	2:07:00	12	Dandora	Littered	Littered
Gas Station	30	5:13 PM	234	5:16 PM	235	Embakasi	0:03:00	2:25:00		2:28:00	2	Juja road/ Outering rd round about	fuelling	fuelling
Garage	38	5:41 PM	236			CBD		0:25:00		0:25:00	8	Kijabe Street	Parking	Parking
							5:47:00	5:46:00	0:58:00	12:31:00	38			
							5:47:00	5:46:00	0:58:00	12:31:00	38			

Fri 8 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	4:58 AM	237	5:02 AM	238	CBD						Kijabe Street	All weather and wet	All weather and wet
Gas Station	2	5:07 AM	239	5:22 AM	240	CBD	0:15:00	0:05:00		0:20:00	2	Pop in petrol station	Tarmac and wet	fuelling
1st	4	5:26 AM	241	5:42 AM	242	CBD	0:16:00	0:04:00		0:20:00	2	Kenya Re	Tarmac and wet, Spills swept	office and flower wastes, Dry collection point, spills collected, dry and cloudy weather, Organised staff
2nd	4	5:46 AM	243	5:49 AM	244	CBD	0:03:00	0:04:00		0:07:00	0	KICC	Tarmac, No spills	office wastes in paper bags and plastic containers, No spills, dry and cold weather, Organised staff, Tarmack road, Scarce traffic
3rd	5	5:53 AM	245	6:03 AM	246	CBD	0:10:00	0:04:00		0:14:00	1	KTDA house	Tarmac, No spills	office and kitchen wastes in large plastic containers, No spills dry and cold weather, Organised staff, Tarmack road
4th	6	6:06 AM	247	6:15 AM	248	CBD	0:09:00	0:03:00		0:12:00	1	Taveta road	Tarmac, No spills	office waste papers, No spills, dry and cold weather, Organised staff, Tarmack road

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
5th	6	6:16 AM	249	6:19 AM	250	CBD	0:03:00	0:01:00		0:04:00	0	Taveta court	Tarmac, No spills	office waste papers in plastic containers, No spills, dry and cold weather, Organised staff, Tarmack road, Fast traffic
6th	6	6:20 AM	251	6:26 AM	252	CBD	0:06:00	0:01:00		0:07:00	0	Timboroa	Tarmac, No spills	Hotel wastes in sisal bags and plastic containers, Tarmack road, no spills, Sunny weather, Fast traffic Organised staff
8th	7	6:29 AM	253	6:41 AM	254	CBD	0:12:00	0:03:00		0:15:00	1	Cenral car park	Tarmac, No spills	hotel wastes in paper bags and plastic ontainers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
9th	7	6:44 AM	255	6:49 AM	256	CBD	0:05:00	0:03:00		0:08:00	0	Munyu road	Tarmac, No spills	office and hotel wastes in plastic ontainers, No spills, cloudy weather, Organised staff, Tarmack road, Scarce traffic
10th	13	7:06 AM	257	7:22 AM	258	Milimani	0:16:00	0:17:00		0:33:00	6	Kileleleshwa1	Tarmac, No spills	Residential wastes in paper bags, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
11th	14	7:28 AM	259	7:32 AM	260	Milimani	0:04:00	0:06:00		0:10:00	1	Kileleleshwa2	Tarmac, No spills	Residential wastes in paper bags, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
12th	15	7:35 AM	261	7:53 AM	262	Milimani	0:18:00	0:03:00		0:21:00	1	Kileleleshwa3	Tarmac, No spills	Residential wastes in paper bags, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
13th	15	7:54 AM	263	8:03 AM	264	Milimani	0:09:00	0:01:00		0:10:00	0	Kileleleshwa4	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
14th	16	8:05 AM	265	8:10 AM	266	Milimani	0:05:00	0:02:00		0:07:00	1	Kileleleshwa5	Tarmac, No spillss	Residential wastes in paper bags and plastic containers, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
15th	16	8:11 AM	267	8:11 AM	268	Milimani	0:00:00	0:01:00		0:01:00	0	Kileleleshwa6	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
16th	17	8:15 AM	269	8:18 AM	270	Milimani	0:03:00	0:04:00		0:07:00	1	Kileleleshwa7	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collecction point, Tarmack road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
17th	20	8:47 AM	271	9:00 AM	272	Milimani	0:13:00	0:29:00		0:42:00	3	Kileleleshwa8	Traffic arrest	Traffic arrest

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
18th	21	9:10 AM	273	9:35 AM	274	Milimani	0:25:00	0:10:00		0:35:00	1	Muthangari police Station	Released	Released
19th	24	9:44 AM	275	9:44 AM	276	Milimani	0:00:00	0:09:00		0:09:00	3	Lavington 1	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and cloudy weather, Scarce traffic, Organised staff
20th	25	9:49 AM	277	9:53 AM	278	Milimani	0:04:00	0:05:00		0:09:00	1	Lavington 2	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
21st	27	9:58 AM	279	9:59 AM	280	Milimani	0:01:00	0:05:00		0:06:00	2	Lavington 3	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
22nd	27	10:09 AM	281	10:14 AM	282	Milimani	0:05:00	0:10:00		0:15:00	0	Lavington 4	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
23rd	27	10:15 AM	283	10:16 AM	284	Milimani	0:01:00	0:01:00		0:02:00	0	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
24th	29	10:17 AM	285	10:18 AM	286	Milimani	0:01:00	0:01:00		0:02:00	2	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
25th	29	10:20 AM	287	10:21 AM	288	Milimani	0:01:00	0:02:00		0:03:00	0	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
26th	29	10:24 AM	289	10:25 AM	290	Milimani	0:01:00	0:03:00		0:04:00	0	Kileleshwa	Tarmac No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
27th	30	10:28 AM	291	10:32 AM	292	Milimani	0:04:00	0:03:00		0:07:00	1	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
28th	30	10:41 AM	293	10:48 AM	294	Milimani	0:07:00	0:09:00		0:16:00	0	Kileleshwa	Mechanical problems	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
29th	30	10:51 AM	295	10:56 AM	296	Milimani	0:05:00	0:03:00		0:08:00	0	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
30th	31	11:04 AM	297	11:05 AM	268	Milimani	0:01:00	0:08:00		0:09:00	1	Kileleshwa	Tarmac No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
31st	33	11:09 AM	299	11:11 AM	300	Milimani	0:02:00	0:04:00		0:06:00	2	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
32nd	36	11:20 AM	301	11:26 AM	302	Milimani	0:06:00	0:09:00		0:15:00	3	Kileleshwa	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
33rd	38	11:31 AM	303	11:44 AM	304	Milimani	0:13:00	0:05:00		0:18:00	2	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
34th	39	11:56 AM	305	12:01 PM	306	Milimani	0:05:00	0:12:00		0:17:00	1	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
35th	40	12:04 PM	307	12:07 PM	308	Milimani	0:03:00	0:03:00		0:06:00	1	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff
36th	42	12:22 PM	309	12:31 PM	310	Milimani	0:09:00	0:15:00		0:24:00	2	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmack road, no spills, dry and sunny weather, Scarce traffic, Organised staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
37th	42	12:33 PM	311	12:40 PM	312	Milimani	0:07:00	0:02:00		0:09:00	0	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
38th	43	12:51 PM	313	12:52 PM	314	Milimani	0:01:00	0:11:00		0:12:00	1	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
39th	45	1:24 PM	315	1:52 PM	316	Milimani	0:28:00	0:32:00		1:00:00	2	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
40th	46	1:55 PM	317	2:09 PM	318	Milimani	0:14:00	0:03:00		0:17:00	1	Kilimani	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
41st	46	2:17 PM	319	2:25 PM	320	Milimani	0:08:00	0:08:00		0:16:00	0	Kilimani	All weather road	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
42nd	46	2:29 PM	321	2:40 PM	322	Milimani	0:11:00	0:04:00		0:15:00	0	Hurlingham	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
43rd	47	2:44 PM	323	2:48 PM	324	Milimani	0:04:00	0:04:00		0:08:00	1	Hurlingham	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, dry and sunny weather, Scarce traffic, Organised staff
44th	49	2:58 PM	325	3:16 PM	326	Milimani	0:18:00	0:10:00		0:28:00	2	Hurlingham	Tarmac, No spills	Residential wastes in paper bags and plastic containers, Dry collection point, Tarmac road, no spills, Scarce traffic, Organised staff
Stalled	52	3:53 PM	327	3:54 PM	328	Milimani	0:01:00	0:37:00		0:38:00	3	Hurlingham	Mechanical problems	Mechanical problems
Stalled	54	3:58 PM	329	4:49 PM	330	Milimani	0:51:00	0:04:00		0:55:00	2	Kilimani	Mechanical problems	Mechanical problems
Garage	58	5:14 PM	331			Embakasi		0:25:00		0:25:00	4	Parking/ garage	All weather and dry	Truck spends the night with the garbage
							6:24:00	5:48:00	0:00:00	12:12:00	58			
							6:24:00	5:48:00	0:00:00	12:12:00	58			

Sat 9 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	5:13 AM	332	5:18 AM	333	CBD						Kijabe Street	All weather and wet	All weather and wet
Gas Station	1	5:25 AM	334	5:32 AM	335	CBD	0:07:00	0:07:00		0:14:00	1	Pop in petrol station	Tarmacked	Tarmacked
Dumpsite	1	6:06 AM	336	8:16 AM	337	Embakasi		0:34:00	2:10:00	2:44:00	0	Dandora	Muddy and slippery	Littered,Muddy and slippery
Stalled	9	9:04 AM	338	9:14 AM	339	Starehe	0:10:00	0:48:00		0:58:00	8	Pangani	Mechanical problems	Mechanical problem partly solved by driver
Repairs Garage	11	9:24 AM	340	13:49	341	Starehe	4:25:00	0:10:00		4:35:00	2	Kaburini Garage	Repaired here	All weather road, muddy. Vehicle repaired
Car wash	13	2:20 PM	342	16:34	343		2:14:00	0:31:00		2:45:00	2	Carwash	Muddy	All weathe road and muddy
Garage	15	4:42 PM	344			CBD		0:08:00		0:08:00	2	Kijabe Street	All weather	All weather and wet
							6:56:00	2:18:00	2:10:00	11:24:00	15			
							6:56:00	2:18:00	2:10:00	11:24:00	15			

4) KAB 899S

Mon 4 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	0	6:11 AM	1	7:02 AM	2	Milimani	0:51:00			0:51:00		Panafric Hotel	Garbage in a concrete room, Use of polythene bags, food, plastics and glass wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic, Raining	Garbage in a concrete room, Use of polythene bags, food, plastics and glass wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic, Raining
2nd	3.8	7:11 AM	3	7:22 AM	4	Milimani	0:11:00	0:09:00		0:20:00	3.8	Lenwood apartments	Garbage put outside the apartment Use of polythene bags	Garbage put outside the apartments, Use of polythene bags, residential wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic,
3rd	4.5	7:25 AM	5	7:43 AM	6	Milimani	0:18:00	0:03:00		0:21:00	0.7	Cedars restaurant	Garbage in a concrete room, Use of polythene bags, food, plastics and glass wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic,	Garbage in a concrete room, Use of polythene bags, food, plastics and glass wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic,
4th	4.6	7:45 AM	7	7:47 AM	8	Milimani	0:02:00	0:02:00		0:04:00	0.1	Parikh Sondhu, Lenana road	Garbage put outside a residentia Use of polythene bags	Garbage put outside a residential house, Use of polythene bags, food and plastics wastes, Calm staff with protective clothing but no gloves, Tarmack road, no traffic,
5th	10.4	8:25 AM	9	8:28 AM	10	CBD	0:03:00	0:38:00		0:41:00	5.8	Parliament building	Garbage put in Zoa Taka bin	Garbage put in Zoa Taka bin, use of an open sack and fork jembe to load, paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,
6th	10.9	8:51 AM	11	9:31 AM	12	CBD	0:40:00	0:23:00		1:03:00	0.5	Continental house	Garbage put in Zoa Taka bin	Garbage put in Zoa Taka bin, use of an open sack and fork jembe to load, paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,
7th	15.9	9:55 AM	13	10:21 AM	14	Industrial Area	0:26:00	0:24:00		0:50:00	5	Dt Dobie	Garbage put in a steel enclosed bin	Garbage put in a steel enclosed bin, use of an open sack and fork jembe to load, general public wastes and paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,
8th	29.7	11:01 AM	15	11:04 AM	16	Milimani	0:03:00	0:40:00		0:43:00	13.8	Riverfront. Old Kiambu road	Garbage put outside a house, Use of polythene bags	Garbage put outside a residential house, Use of polythene bags, general public wastes ie food. Calm staff with protective clothing but no gloves, Tarmack road, no traffic,
9th	33.2	11:14 AM	17	11:31 AM	18	Kasarani	0:17:00	0:10:00		0:27:00	3.5	Kenya Utalii Village, Thika road	Garbage in a concrete cubicle, Use of polythene bags	Garbage in a concrete cubicle, Use of polythene bags, use of an open sack and fork jembe to load, general public wastes and paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
10th	36.1	12:25 PM	19	12:44	20	Kasarani	0:19:00	0:54:00		1:13:00	2.9	KPLC training School, Thika road	Garbage in a concrete cubicle, Use of polythene bags	Garbage in a concrete cubicle, Use of polythene bags, use of an open sack and fork jembe to load, general public wastes and paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,
11th	36.3	12:50 PM	21	1:50 PM	22	Kasarani	1:00:00	0:06:00		1:06:00	0.2	Utalii College, Thika road	Garbage in an enclosed concrete cubicle, Use of polythene bags	Garbage in an enclosed concrete cubicle, Use of polythene bags, use of an open sack and fork jembe to load, general public wastes and paper wastes. Calm staff with protective clothing but no gloves, Tarmack road, minimal traffic,
Dumpsite	44.5	2:37 PM	23	6:06 PM	24	Embakasi		0:47:00	3:29:00	4:16:00	8.2	Dandora	Littered	Littered
Garage	54.8	7:05 PM	25	7:16 PM	26	Embakasi		0:59:00		0:59:00	10.3	Umoja	Parking	Parking of the truck which had just towed another truck which had broken down near the dumpsite
							4:10:00	5:15:00	3:29:00	12:54:00				
							4:10:00	5:15:00	3:29:00	12:54:00				

## Tue 5 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	5:28 AM	27	5:30 AM	28	Embakasi						Umoja	Leaving for work	Inspection of the vehicle, Checking tyres, Crew get in their protective gear, Access road is all weather
1st	11.6	5:55 AM	29	6:11 AM	30	CBD	0:16:00	0:25:00		0:41:00	11.6	The Bazar, Moi Avenue	Garbage in a basement cubicle at basement	Garbage in a basement cubicle at basement, use of brooms, cartons, papers, buckets, co-operative staff, tarmac road, Chilly weather
2nd	14.3	6:18 AM	31	7:00 AM	32	Milimani	0:42:00	0:07:00		0:49:00	2.7	Panafric Hotel	Minimal spills, Garbage put in polythene bags	Minimal spills, Garbage put in polythene bags, food wastes, co-operative staff, tarmac road, Cold and cloudy weather
3rd	16.7	7:14 AM	33	7:19 AM	34	CBD	0:05:00	0:14:00		0:19:00	2.4	Parliament building	Garbage put in Zoa Taka bin	Garbage put in Zoa Taka bin, mainly paper wastes, plastic bottles, Tarmac road, no traffic, cold and cloudy
Garage	28.3	7:54 AM	35	9:12 AM	36	Embakasi		0:35:00	1:18:00	1:53:00	11.6	Umoja	Off loading garbage	Off loading garbage. Tarmac road
							1:03:00	1:21:00	1:18:00	3:42:00	28.3			
							6:22:00	9:46:00	3:02:00	19:10:00	83.1			

Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	46.2	10:40 AM	37	11:26 AM	38	CBD	0:46:00	1:28:00		2:14:00	17.9	Uhuru park	Inspection of the vehicle	Inspection of the vehicle by CCN to facilitate issuance of licence
2nd	51	11:53 AM	39	12:02 PM	40	CBD	0:09:00	0:27:00		0:36:00	4.8	Uchumi Monrovia street	Garbage put in drums and sacks, minimal spills	Garbage put in drums and sacks, minimal spills, paper and carton wastes. Tarmac road



Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
3rd	56.3	12:43 PM	41	2:04 PM	42	CBD	1:21:00	0:41:00		2:02:00	5.3	Kenya Polytechnic University, Haille Sellasie Avenue	Garbage put in steel cubicle, spills and litter outside	Garbage put in steel cubicle, spills and litter outside, cartons, leaves, plastics and sawdust, Tarmack road, Heavy traffic, Sunny weather
4th	59.5	2:30 PM	43	2:46 PM	44	Makadara	0:16:00	0:26:00		0:42:00	3.2	Salgoo Holdings, Industrial area	Garbage put in central point incompound	Garbage put in central point in the compound, carton and industrial wastes, Tarmack road with pot holes, minimal traffic, Co-operative crew
Dumpsite	78.3	5:50 PM	47	7:34 PM	48	Embakasi		1:43:00	1:44:00	3:27:00	15.8	Dandora	No weight was taken	No weights taken, It was late
Garage	83.1	7:47 PM	49	7:52 PM	50	Embakasi	0:05:00	0:13:00		0:18:00	4.8	Garage	Parking	Parking
							5:19:00	8:25:00	1:44:00	15:28:00	54.8			

### Wed 6 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	0	5:53 AM	51	6:16 AM	52	CBD	0:23:00			0:23:00		The Bazar, Moi Avenue	Garbage put in a room at the basement, no spills	Garbage put in a room at the basement, no spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Chilly weather, Co-operative staff
2nd	1	6:21 AM	53	7:23 AM	54	CBD	1:02:00	0:05:00		1:07:00	1	Hornbill Bar and Restaurant	Garbage put in big steel drums with a lot of spills	Garbage put in big steel drums with a lot of spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff
3rd	2.5	7:42 AM	55	8:04 AM	56	CBD	0:22:00	0:19:00		0:41:00	1.5	Bilmas Hitol, TomMboya street	Garbage put in polythene bags with minimal spillages	Garbage put in polythene bags with minimal spillages, Carton, food, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff
4th	3	8:09 AM	57	8:16 AM	58	CBD	0:07:00	0:05:00		0:12:00	0.5	Serenget Inn, Tsavo road	Garbage put in drums, minimal spills	Garbage put in drums, minimal spills, Carton, food, ashes, plastics and general public wastes, Tarmack road, minimal traffic, Sunny weather, Co-operative staff
5th	3.3	8:20 AM	59	8:57 AM	60	CBD	0:37:00	0:04:00		0:41:00	0.3	Step up pub, Dubois road	Garbage put in drums and sacks, minimal spills	Garbage put in drums and sacks, minimal spills, foods, glass, plastics and paper wastes, Tarmack road, minimal traffic, Sunny weather, Co-operative staff
6th	3.5	9:01 AM	61	9:09 AM	62	CBD	0:08:00	0:04:00		0:12:00	0.2	Sommerset building, Latema road	Garbage put in drums, minimal spills	Garbage put in drums, minimal spills, Carton, food, plastics and general public wastes, Tarmack road, no traffic, Co-operative staff
7th	4.4	9:17 AM	63	9:20 AM	64	CBD	0:03:00	0:08:00		0:11:00	0.9	Bakers inn, River road	Garbage put in drums, no spills	Garbage put in drums, no spills, Carton, food, plastics and general public wastes, Tarmack road, no traffic, Sunny weather, Co-operative staff
8th	5.5	9:42 AM	65	9:49 AM	66	CBD	0:07:00	0:22:00		0:29:00	1.1	Peugot Auto Spares	Garbage put in a central place, no spills	Garbage put in a central place, no spills, Cartons and used brooms, Tarmack road, heavy traffic, Co-operative staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
9th	6.3	10:12 AM	67	10:13 AM	68	CBD	0:01:00	0:23:00		0:24:00	0.8	Kirinyaga flour mills, Tom Mboya street	Garbage put in sacks, minimal spills	Garbage put in sacks, minimal spills, Spoilt flour, Tarmack road, minimal traffic, Sunny weather, Co-operative staff
10th	7.4	10:31 AM	69	11:00 AM	70	CBD	0:29:00	0:18:00		0:47:00	1.1	The Paul Cookiemans, Luthuli avenue	Garbage put in drums and sacks, with spillages	Garbage put in drums and sacks, with spillages, egg shells, food and general public wastes, Tarmack road, heavy traffic, Sunny weather, Co-operative staff
11th	8	11:15 AM	71	11:22 AM	72	CBD	0:07:00	0:15:00		0:22:00	0.6	Woolmart Hotel, Timboroa lane	No garbage	No garbage
12th	9.3	11:31 AM	73	11:54 AM	74	CBD	0:23:00	0:09:00		0:32:00	1.3	Dongfang Development Company Limited	Garbage put in sacks no spills	Garbage put in sacks, no spills, polythene and worn out clothe wastes, Tarmack road, heavy traffic, Sunny weather, Co-operative staff
13th	10.4	12:19 PM	75	12:54 PM	76	CBD	0:35:00	0:25:00		1:00:00	1.1	Watene place Monrovia street	Garbage put in drums and sacks, no spills	Garbage put in drums and sacks, no spills. Tarmack road, heavy traffic, food, cartons, plastic bottle wastes, Sunny weather, Co-operative staff
14th	12	1:09 PM	77	1:38 PM	78	CBD	0:29:00	0:15:00		0:44:00	1.6	Parliament building	Garbage put in Zoa Taka bin, No spills	Garbage put in Zoa Taka bin, No spills, Tarmack road, minimal traffic, Paper, cartons, and plastic wastes, Sunny weather, Co-operative staff
15th	13.4	2:14 PM	79	2:21 PM	80	CBD	0:07:00	0:36:00		0:43:00	1.4	Bakers inn, Tom Mboya street	Garbage pit in bins, No litter	Garbage pit in bins, No litter, Tarmack road, heavy traffic, food plastics and carton wastes, Sunny weather, Co-operative staff
16th	17.5	3:31 PM	81	3:38 PM	82	Makadara	0:07:00	1:10:00		1:17:00	4.1	DT Dobie Industrial area	Garbage put in steel bins, No spillages	Garbage pit in steel bins, No spillages, Tarmack road, minimal traffic, Paper, cartons and industrial wastes, Sunny weather, Co-operative staff
Dumpsite	30	4:13 PM	83	5:47 PM	84	Embakasi		0:35:00	1:34:00	2:09:00	12.5	Dandora	Dumping	Dumping
Parking	31.6	5:56 PM	85	5:56 PM	86	Embakasi		0:09:00		0:09:00	1.6	Dandora phase 1	Parking	Checking tyres, Crew got out of their protective gear
							5:07:00	5:22:00	1:34:00	12:03:00	31.6			

Thu 7 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	0	6:01 AM	87	6:23 AM	88	CBD	0:22:00			0:22:00		The Bazar, Moi Avenue	Garbage put in small room at the basement of the building	Garbage put in small room at the basement of the building, no spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Chilly weather, Co-operative staff
2nd	0	6:26 AM	89	7:23 AM	90	CBD	0:57:00	0:03:00		1:00:00	0	ICEA Building	Garbage put in a concrete open cubicle, no spills	Garbage put in a concrete open cubicle, no spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Chilly weather, Co-operative staff, use of hoe and open sack to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
3rd	0	7:27 AM	91	7:33 AM	92	CBD	0:06:00	0:04:00		0:10:00	0	HFCK building	Garbage put in an open room, lots of spills	Garbage put in an open room, lots of spills, Food, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff, use of hoe and open sack to load
4th	3	7:54 AM	93	8:45 AM	94	Milimani	0:51:00	0:21:00		1:12:00	3	Panafric Hotel	Garbage put in polythene bags in concrete room	Garbage put in polythene bags in concrete room, Food, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff
5th	4	8:58 AM	95	9:04 AM	96	Milimani	0:06:00	0:13:00		0:19:00	1	Lenwood apartments	Garbage put outside the apartments, Use of polythene bags	Garbage put outside the apartments, Use of polythene bags, residential wastes, Tarmack road, No traffic, Co-operative staff
6th	9	9:21 AM	97	9:49 AM	98	Milimani	0:28:00	0:17:00		0:45:00	5	Massionette Kugeria, Ralph Bunche road	Garbage put in a concrete cubicle, no spills	Garbage put in a concrete cubicle, no spills, general public wastes, Tarmack road, Minimal traffic, Co-operative staff
7th	10	9:52 AM	99	10:06 AM	100	Milimani	0:14:00	0:03:00		0:17:00	1	Kugeria flats, 5th Ngong Avenue	Garbage put in Zoa Taka bin, No spills	Garbage put in Zoa Taka bin, No spills, residential wastes, Tarmack road, No traffic, Co-operative staff, use of hoe and open sack to load
8th	10	10:11 AM	101	11:21 AM	102	Milimani	1:10:00	0:05:00		1:15:00	0	Kamiti court flats, 5th Ngong Avenue	Garbage put in rectangular steel bins, No spillages	Garbage put in rectangular steel bins, No spillages, residential wastes, Tarmack road, No traffic, Co-operative staff, use of hoe and open sack to load
9th	11	11:25 AM	103	11:42 AM	104	Milimani	0:17:00	0:04:00		0:21:00	1	Kenya Bankers Sacco centre, 3rd Ngong avenue	Garbage put in a small cubicle, no spills	Garbage put in a small cubicle, no spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff, use of hoe and open sack to load
10th	13	11:50 AM	105	11:59 AM	106	Milimani	0:09:00	0:08:00		0:17:00	2	Kaparo Place, Chyulu road	Garbage put in polythene bags, minimal spillages	Garbage put in polythene bags, minimal spillages, empty cement bags, nails and paper wastes, Tarmack road, No traffic, Sunny weather,
11th	14	12:14 PM	107	12:59 PM	108	Milimani	0:45:00	0:15:00		1:00:00	1	Kenya Polytechnic ladies Hostels, Community	Garbage put in a cube steel bins, minimal spillages	Garbage put in a cube steel bins, minimal spillages, plastics, general public and paper wastes, Tarmack road, minimal traffic, Co-operative staff, use of hoe and open sack to load
12th	18	1:39 PM	109	2:41 PM	110	CBD	1:02:00	0:40:00		1:42:00	4	Hornbill Bar, Bakers inn, Ambassaduer Hotel, TomMboya street	Garbage put in steel drums, lots of spillages	Garbage put in steel drums, lots of spillages, foods, cartons and polythene wastes, Tarmack road, minimal heavy, Co-operative staff, use of hoe and open sack to load
13th	25	3:19 PM	111	3:26 PM	112	Milimani	0:07:00	0:38:00		0:45:00	7	Shelly Blue residential Kongoni lane, Muthaiga	Garbage put in polythene bags, minimal spillages	Garbage put in polythene bags, minimal spillages, Food and vegetation wastes, Tarmack road, No traffic, Co-operative staff, use of hoe and open sack to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	39	5:21 PM	113	6:01 PM	114	Embakasi		1:55:00	0:40:00	2:35:00	14	Dandora		No offloading due to the long que at dumpsite
Garage	47	6:17 PM	115	6:23 PM	116	Embakasi		0:16:00	0:06:00	0:22:00	8	Umoja		Off loading garbage.
							6:34:00	5:02:00	0:46:00	12:22:00	47			
							6:34:00	5:02:00	0:46:00	12:22:00	47			

### Fri 8 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	0	5:46 AM	117	5:56 AM	118	CBD	0:10:00			0:10:00		Eureka Hotel, Tom Mboya Hotel	Garbage put in drums at basement, lots of spillages	Garbage put in drums at basement, lots of spillages, Foods, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff
2nd	3	6:16 AM	119	6:35 AM	120	CBD	0:19:00	0:20:00		0:39:00	3	The Bazar, Moi Avenue	Garbage put in drums and sacks, no spills	Garbage put in drums and sacks, no spills, Carton, plastic and paper wastes, Tarmack road, No traffic, Co-operative staff
3rd	4	6:41 AM	121	7:10 AM	122	CBD	0:29:00	0:06:00		0:35:00	1	Sabina Joy, Moi avenue	Garbage put in bins and sacks, lots of spills	Garbage put in bins and sacks, lots of spills, Carton, plastic glass, and paper wastes, Tarmack road, Minimal traffic, Co-operative staff,
4th	5	7:30 AM	123	7:33 AM	124	CBD	0:03:00	0:20:00		0:23:00	1	Serenget Inn, Tsavo road	Garbage put in drums and sacks, no spills	Garbage put in drums and sacks, no spills, foods, plastics, and paper wastes, Tarmack road, No traffic, Co-operative staff,
5th	5	7:38 AM	125	8:22 AM	126	CBD	0:44:00	0:05:00		0:49:00	0	Step up pub, Dubois road	Garbage put in backside, lots of spills	Garbage put in backside, lots of spills, foods, plastics, and paper wastes, Tarmack road, traffic noted, Co-operative staff,
6th	5	8:23 AM	127	8:39 AM	128	CBD	0:16:00	0:01:00		0:17:00	0	Midview Hotel, Latema road	Garbage put in polythene bags and drums, minimal spillages	Garbage put in polythene bags and drums, minimal spillages, oods, plastics, and paper wastes, Tarmack road, traffic noted, Co-operative staff,
7th	6	8:46 AM	129	8:52 AM	130	CBD	0:06:00	0:07:00		0:13:00	1	Bakers inn, Tom Mboya street	No garbage	No garbage
8th	6	8:53 AM	131	9:04 AM	132	CBD	0:11:00	0:01:00		0:12:00	0	Lalji Mulji Jetha Mansion, Latema road	Garbage put in bins and concrete cubicles no spills	Garbage put in bins and concrete cubicles no spills, foods, plastics, and paper wastes, Tarmack road, traffic noted, Co-operative staff,
9th	8	9:19 AM	133	9:21 AM	134	CBD	0:02:00	0:15:00		0:17:00	2	Kirinyaga flour mills, Tom Mboya street	Garbage put in a sack, no spills	Garbage put in a sack, no spills, Spoilt flour, Tarmack road traffic noted, Co-operative staff
10th	9	9:48 AM	135	10:33 AM	136	CBD	0:45:00	0:27:00		1:12:00	1	Kenya Literature Bureau, Kijabe street	Garbage put in Zoa taka bin, Minimal spills	Garbage put in Zoa taka bin, Minimal spills, foods, plastics, and paper wastes, Tarmack road, traffic noted, Co-operative staff,
11th	14	10:43 AM	137	11:06 AM	138	CBD	0:23:00	0:10:00		0:33:00	5	KEMU, Monrovia street	Garbage put in an enclosed room at basement no spills	Garbage put in an enclosed room at basement no spills, plastics, polythene and paper wastes, Tarmack road, traffic noted, Co-operative staff,

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
12th	14	11:14 AM	139	11:16 AM	140	CBD	0:02:00	0:08:00		0:10:00	0	Watene place Monrovia street	Garbage put in polythene bags and drums, no spillages	Garbage put in polythene bags and drums, no spillages, foods, plastics, and paper wastes, Tarmack road, traffic noted, Co-operative staff,
13th	16	11:33 AM	141	11:36 AM	142	CBD	0:03:00	0:17:00		0:20:00	2	Bakers inn, Kenyatta Avenue	Garbage put in drums, minimum spills	Garbage put in drums, minimum spills, foods, plastics, cartons and paper wastes, Tarmack road, heavy traffic noted, co-operative staff,
14th	17	11:58 AM	143	12:31 PM	144	CBD	0:33:00	0:22:00		0:55:00	1	Bakers inn, Gaberone lane	Garbage put in drums, minimum spills	Garbage put in drums, minimum spills, foods, plastics, cartons, egg shells and paper wastes, Tarmack road, heavy traffic noted, Co-operative staff,
15th	17	12:35 PM	145	12:41 PM	146	CBD	0:06:00	0:04:00		0:10:00	0	Bakers inn, Haille Sellasie avenue	Garbage put in a bin no spills	Garbage put in drums, minimum spills, foods, plastics, cartons and paper wastes, Tarmack road, heavy traffic noted, Sunny, Co-operative staff,
16th	19	12:57 PM	147	1:02 PM	148	CBD	0:05:00	0:16:00		0:21:00	2	Bakers inn, River road	Garbage put in a bin no spills	Garbage put in a bin no spills, foods, plastics, cartons and paper wastes, Tarmack road, heavy traffic noted, Co-operative staff,
Dumpsite	39	2:22 PM	149	5:43 PM	150	Embakasi		1:20:00	3:21:00	4:41:00	20	Dandora	Dumping	Dumping
Garage	53	6:02 PM	151	6:10 PM	152	Embakasi		0:19:00		0:19:00	14	Umoja	Parking	Parking of the truck
							4:17:00	4:38:00	3:21:00	12:16:00	53			
							4:17:00	4:38:00	3:21:00	12:16:00	53			

Sat 9 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	5:47 AM	153	5:49 AM	154	Embakasi						Umoja	Inspection of the vehicle	
1st	3	6:07 AM	155	8:33 AM	156	Makadara	2:26:00	0:18:00		2:44:00	3	Buruburu, Mesora supermarket	Garbage put in a big drum, minimum spills	Garbage put in a big drum, minimum spills, general public wastes, Tarmack road, no traffic Co-operative staff, use of hoe and open sack to load
2nd	7	9:06 AM	157	9:08 AM	158	Makadara	0:02:00	0:33:00		0:35:00	4	Buruburu, phase 2, point 1	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic
3rd	8	9:18 AM	159	9:19 AM	160	Makadara	0:01:00	0:10:00		0:11:00	1	Buruburu, phase 2, point 2	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
4th	9	9:38 AM	161	9:41 AM	162	Makadara	0:03:00	0:19:00		0:22:00	1	Buruburu, phase 2, Nakwaipi court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
5th	10	9:54 AM	163	10:21 AM	164	Makadara	0:27:00	0:13:00		0:40:00	1	Buruburu shopping centre	Garbage put in Zoa taka bin, Minimal spills	Garbage put in Zoa taka bin, Minimal spills, plastics, glass and paper wastes, Tarmack road, minimal traffic, Co-operative staff, use of hoe and open sack to load
6th	11	10:29 AM	165	10:32 AM	166	Makadara	0:03:00	0:08:00		0:11:00	1	Buruburu, phase 3, Bumbani court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
7th	12	10:36 AM	167	10:47 AM	168	Makadara	0:11:00	0:04:00		0:15:00	1	Buruburu, phase 3 Kongwe court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
8th	13	10:59 AM	169	11:01 AM	170	Makadara	0:02:00	0:12:00		0:14:00	1	Buruburu, phase 3 Endau court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
9th	15	11:19 AM	171	11:20 AM	172	Makadara	0:01:00	0:18:00		0:19:00	2	Buruburu, phase 3 Magunga court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic
10th	15	11:28 AM	173	11:31 AM	174	Makadara	0:03:00	0:08:00		0:11:00	0	Buruburu, phase 4 Thura court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, co-operative staff
11th	17	11:44 AM	175	11:46 AM	176	Makadara	0:02:00	0:13:00		0:15:00	2	Buruburu, phase 4 Faida court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
12th	18	11:49 AM	177	11:51 AM	178	Makadara	0:02:00	0:03:00		0:05:00	1	Buruburu, phase 4 Logerinyo court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
13th	19	12:02 PM	179	12:04 PM	180	Makadara	0:02:00	0:11:00		0:13:00	1	Buruburu, phase 5 Sagam court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside residential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
14th	20	12:14 PM	181	12:21 PM	182	Makadara	0:07:00	0:10:00		0:17:00	1	Buruburu, phase 5 MaiMahiu court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside resudential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
15th	21	12:26 PM	183	12:44 PM	184	Makadara	0:18:00	0:05:00		0:23:00	1	Buruburu, phase 3 Olosolani court	Garbage put in polythene bags, no spillages	Garbage put in bins and polythene bags outside resudential houses, minimum spills, foods plastics and paper wastes, Tarmack road, no traffic, Co-operative staff
16th	24	1:01 PM	185	1:51 PM	186	Makadara	0:50:00	0:17:00		1:07:00	3	Jam rescue, Club venus	Garbage put in a concrete open cubicle, minimum spills	Garbage put in a concrete open cubicle, minimum spills. charcoal dust, plastics, cartons, glass, tarmack road, minimal traffic, sunny, use of hoe and open sack to load
Dumpsite	41	3:02 PM	187	6:08 PM	188	Embakasi		1:11:00	3:06:00	4:17:00	17	Dandora	Dumping	Dumping
Garage	63	6:23 PM	189	6:40 PM	190	Embakasi		0:15:00		0:15:00	22	Umoja	Parking	Parking
							4:40:00	4:48:00	3:06:00	12:34:00	63			
							4:40:00	4:48:00	3:06:00	12:34:00	63			

5) KAB 899S

Mon 11 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:47 AM	1	7:08 AM	2	Makadara						Enterprise road	All weather and wet	All weather and wet
1st	3	7:30 AM	3	7:47 AM	4	Makadara	0:17:00	0:22:00		0:39:00	3	Sumaria	Concrete and dry	Industrial garbage in ametal container and large paper bags, Concrete and dry, Traffic jam, Drippings collected, Crew wearing protective gear
2nd	4	7:57 AM	5	8:43 AM	6	Makadara	0:46:00	0:10:00		0:56:00	1	Hi Chem Industries	All weather and wet	All weather and wet, Industrial garbage in ametal container, cartons and paper bags, Traffic jam, Cloudy weather
3rd	5	8:49 AM	7	9:00 AM	8	Makadara	0:11:00	0:06:00		0:17:00	1	Jumbo Properties	dry	Not enough garbage for collection
4th	6	9:09 AM	9	9:40 AM	10	Makadara	0:31:00	0:09:00		0:40:00	1	DHL	Tarmacked and dry, Spills collected	Industrial garbage in ametal container, Concrete and dry, Traffic jam, Drippings collected, Crew self co-ordinating
5th	6	9:47 AM	11	10:14 AM	12	Makadara	0:27:00	0:07:00		0:34:00	0	Bakers and Bite	Tarmacked and dry, No Spills	Industrial garbage in nylon bags and metal container, Concrete and dry, Tarmack road, Traffic jam, Drippings collected, Crew self co-ordinating
6th	8	10:26 AM	13	10:59 AM	14	Makadara	0:33:00	0:12:00		0:45:00	2	Pembe flour Mills	Dry, Spills well collected	Industrial garbage in nylon bags and metal container, Rough road and flooded, Traffic jam,
7th	9	11:20 AM	15	11:29 AM	16	Makadara	0:09:00	0:21:00		0:30:00	1	Taita Marshals	Concrete and dry, Spills collected	Industrial garbage in polythene bags, Spills collected, Concrete road,
8th	12	11:55 AM	17	11:56 AM	18	Makadara	0:01:00	0:26:00		0:27:00	3	Dormans Coffee	Clean, no spills	Industrial garbage in metal container, sisal and paper bags, Tarmack road, Traffic jam, no spills, self cordinating staff,
9th	16	12:05 PM	19	12:53 PM	20	Makadara	0:48:00	0:09:00		0:57:00	4	Kenya Grange	Concrete and dry, No Spills	Industrial garbage in metal container, spills well collected
10th	22	2:19 PM	21	2:31 PM	22	Makadara	0:12:00	1:26:00		1:38:00	6	Bamburi road	Concrete and wet, Spills collected well	Concrete and wet, Industrial garbage and food wastes in metal container and smaller plastic container, spills well collected
11th	23	2:35 PM	23	3:14 PM	24	Makadara	0:39:00	0:04:00		0:43:00	1	Longhorn Warehouse	Concrete and dry, Spills collected	Concrete and dry, Spills collected, Industrial garbage in metal container, congested traffic, spills well collected,
12th	23	3:20 PM	25	4:02 PM	26	Makadara	0:42:00	0:06:00		0:48:00	0	Longhorn publishers	No spills	Concrete and dry, Spills collected, Industrial garbage in metal container, congested traffic, spills well collected,
Garage	28	5:16 PM	27			Makadara		1:14:00		1:14:00	5	Enterprise road	All weather and dry	All weather and dry
							5:16:00	4:52:00	0:00:00	10:08:00	28			
							5:16:00	4:52:00	0:00:00	10:08:00	28			



## Tue 12 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	11:00 AM	28	12:24 PM	29	Makadara			1:24:00	1:24:00		Enterprise road	All weather and dry and loose gravel	All weather and dry and loose gravel, some repairs done and on vehicle, off loading previous days garbage
1st	4	12:59 PM	30	1:01 PM	31	Makadara	0:02:00	0:35:00		0:37:00	4	Sudi	All weather and dry	Industrial garbage in large paper bags, Concrete and dry, Slow traffic, Sunny weather
2nd	5	1:07 PM	32	1:44 PM	33	Makadara	0:37:00	0:06:00		0:43:00	1	Chui Industries	Concrete and dry, No Spills	Industrial garbage in ametal container, Tarmac road, Traffic jam, Sunny weather,
Lunch break	6	1:49 PM	34	2:03 PM	35	Makadara	0:14:00	0:05:00		0:19:00	1	Lunch break	Crew taking lunch	Crew taking lunch
3rd	6	2:07 PM	36	2:30 PM	37	Makadara	0:23:00	0:04:00		0:27:00	0	Pembe flour Mills	Spills collected	Industrial garbage in nylon bags and metal container, Rough road and flooded
4th	7	2:40 PM	38	2:51 PM	39	Makadara	0:11:00	0:10:00		0:21:00	1	Bio deal	No garbage	No garbage
5th	8	2:57 PM	40	3:06 PM	41	Makadara	0:09:00	0:06:00		0:15:00	1	Bakers and Bite	Tarmacked and dry	Industrial garbage (bakery) in ametal container Tarmac road, Sunny weather, No spills, Self co-ordinating traffic
6th	9	3:11 PM	42	4:44 PM	43	Makadara	1:33:00	0:05:00		1:38:00	1	Cardburys	Concrete and dry, fence under construction	Industrial garbage in paper bags put in metal container, Cloudy weather, spills well collected, Moving traffic,
Garage	14	5:44 PM	44			Makadara		1:00:00		1:00:00	5	Enterprise road	Loose gravel partly and all weather	Partly all weather and partly loose gravel
							3:09:00	2:11:00	1:24:00	6:44:00	14			
							3:09:00	2:11:00	1:24:00	6:44:00	14			

## Wed 13 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:27 AM	45	7:58 AM	46	Makadara			1:31:00	1:31:00		Enterprise road	Partly loose gravel	All weather and dry and loose gravel, some repairs done and on vehicle, off loading previous days garbage
1st	3	8:19 AM	47	8:43 AM	48	Makadara	0:24:00	0:21:00		0:45:00	3	Sumaria	Concrete and dry, Spills collected	Industrial garbage in white paper bags and others in a metal container, Tarmacked road, traffic jam, Sunny weather
2nd	4	9:00 AM	49	9:20 AM	50	Makadara	0:20:00	0:17:00		0:37:00	1	Timsales	Concrete and dry, Spills collected	Industrial garbage in a metal container in polythene bags, Tarmacked road, traffic jam, Sunny weather, Self co-ordinating staff
3rd	5	9:24 AM	51	9:25 AM	52	Makadara	0:01:00	0:04:00		0:05:00	1	Farm electronics	No spills	Industrial garbage in paper bags
4th	5	9:30 AM	53	10:01 AM	54	Makadara	0:31:00	0:05:00		0:36:00	0	Manufactures and Suppliers	Tarmacked and spills collected	Industrial garbage in a metal container in nylon bags, Tarmacked road, traffic jam, Sunny weather, Self coordinating staff

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
5th	6	10:10 AM	55	11:03 AM	56	Makadara	0:53:00	0:09:00		1:02:00	1	Bakers and Bite	Tarmacked and spills collected	Industrial garbage (bakery) in paper bags, nylon bags and sisal bags in a metal container, Tarmac road, Sunny weather, No spills, congested traffic
6th	8	11:18 AM	57	12:24 PM	58	Makadara	1:06:00	0:15:00		1:21:00	2	KWAL	Spills collected	Industrial garbage and twigs in a metal container in nylon bags, Tarmacked road, traffic jam Sunny and cloudy weather,
7th	8	12:28 PM	59	1:21 PM	60	Makadara	0:53:00	0:04:00		0:57:00	0	KWAL 2	Spills collected	Industrial garbage and compound wastes in a metal container in nylon bags, Tarmacked road, traffic jam, Sunny and cloudy weather,
Gas station	10	1:48 PM	61	2:04 PM	62	Makadara	0:16:00	0:27:00		0:43:00	2	Total Petrol Enterprises	Presssure checking and fuelling	Presssure checking and fuelling
Garage	13	2:15 PM	63			Makadara		0:11:00		0:11:00	3	Enterprise road	Partly all weather and partly loose gravel	Partly all weather and partly loose gravel
							4:24:00	1:53:00	1:31:00	7:48:00	13			
							4:24:00	1:53:00	1:31:00	7:48:00	13			

Thu 14 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	8:19 AM	64	8:30 AM	65	Makadara				0:00:00		Enterprise road	Partly all weather and partly loose gravel	Partly all weather and partly loose gravel, Fuelling done here
1st	6	8:47 AM	66	8:48 AM	67	Makadara	0:01:00	0:17:00		0:18:00	6	Butere road	Tarmacked and dry No garbage	No garbage
2nd	8	8:58 AM	68	9:49 AM	69	Makadara	0:51:00	0:10:00		1:01:00	2	Nakumatt Mega	Tarmacked and dry, Spills collected	Industrial garbage and food wastes in a metal container, Tarmacked road, traffic jam, Sunny and cloudy weather, Self co-ordinating staff
3rd	9	10:02 AM	70	10:16 AM	71	Makadara	0:14:00	0:13:00		0:27:00	1	Stantech	Loose gravel, Spills well collected	Industrial garbage, use of polythene shet to load in a metal container, Loose gravel road, traffic jam, Sunny and cloudy weather, Self co-ordinating staff
4th	10	10:24 AM	72	10:36 AM	73	Makadara	0:12:00	0:08:00		0:20:00	1	Matter Hospital	Spills collected	Medical waste and ashes, in metal drums, Loose gravel road, traffic jam, Sunny and cloudy weather, Self co-ordinating staff
5th	10	10:38 AM	74	11:05 AM	75	Makadara	0:27:00	0:02:00		0:29:00	0	Matter Hospital	Green field, Drippings collected	Medical waste in metal drums, Loose gravel road, traffic jam, Sunny and cloudy weather, Self co-ordinating staff
6th	13	11:19 AM	76	12:12 PM	77	Makadara	0:53:00	0:14:00		1:07:00	3	H-Young &Co	Concrete and dry, No Spills	Industrial garbage in a metal container, Use of crane to load, Sunny and cloudy weather, Self co-ordinating staff
Lunch break	16	12:31 PM	78	12:47 PM	79	Makadara	0:16:00	0:19:00		0:35:00	3	Kampala road	Lunch break	Crew taking lunch
7th	17	12:52 PM	80	1:23 PM	81	Makadara	0:31:00	0:05:00		0:36:00	1	FAW motors	Dry, Spills well collected	Industrial garbage in a metal container and paper bags, Sunny and cloudy weather

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
8th	18	1:31 PM	82	3:19 PM	83	Makadara	1:48:00	0:08:00		1:56:00	1	Kalu Works	Tarmacked	Industrial garbage in a metal container and paper bags, Sunny and cloudy weather, congested traffic Use of a nylon sheet to load., self co-ordinating staff
Garage	23	4:37 PM	84			Makadara		1:18:00		1:18:00	5	Enterprise road	Dumping	Dumping
							5:13:00	2:54:00	0:00:00	8:07:00	23			
							5:13:00	2:54:00	0:00:00	8:07:00	23			

### Fri 15 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:21 AM	85	6:33 AM	86	Makadara				0:00:00		Enterprise road	Partly all weather and partly loose gravel, cloudy weather	Partly all weather and partly loose gravel, cloudy weather
1st	3	6:55 AM	87	7:26 AM	88	Makadara	0:31:00	0:22:00		0:53:00	3	Sumaria	Concrete and dry, Spills swept	Industrial garbage in large paper bags and others in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce, Sunny weather
2nd	5	7:36 AM	89	7:51 AM	90	Makadara	0:15:00	0:10:00		0:25:00	2	Jumbo Properties	No garbage	No garbage
3rd	6	7:58 AM	91	8:39 AM	92	Makadara	0:41:00	0:07:00		0:48:00	1	Cardburys	Tarmacked and dry, Spills collected	Industrial garbage in paper bags and others in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce traffic, Sunny weather
4th	6	8:44 AM	93	8:52 AM	94	Makadara	0:08:00	0:05:00		0:13:00	0	Umati Ltd	All weather and dry, No spills	Industrial garbage in plastic containers and others in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce traffic
5th	7	9:00 AM	95	11:13 AM	96	Makadara	2:13:00	0:08:00		2:21:00	1	DHL	Concrete and dry, Spills swept	Industrial garbage in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce traffic, Cloudy weather, Self coordinating staff
Garage	12	12:13 PM	97	12:23 PM	98	Makadara		1:00:00	0:10:00	1:10:00	5	Enterprise road	Dumping	Dumping ground in the company's yard, then later loaded into a bigger truck to be taken to Dandora, Loading done by a conveyor belt
							3:48:00	1:52:00	0:10:00	5:50:00	12			

Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
1st	19	1:00 PM	99	1:15 PM	100	Makadara	0:15:00	0:37:00		0:52:00	7	Biodeal	Tarmacked and dry, No Spills	Industrial garbage in large paper bags and others in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce
2nd	20	1:15 PM	101	1:29 PM	102	Makadara	0:14:00	0:00:00		0:14:00	1	Polyflex	Tarmacked and wet, Spills well swept	Industrial garbage in paper bags and others in a metal container, Use of a nylon sheet to load. Tarmacked road, Scarce traffic, Sunny weather
4th	23	3:19	105	4:31 PM	106	Makadara	1:12:00	0:22:00		1:34:00	2	Nestle	No spills	Industrial garbage in

Location - Trip 2	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
		PM												large paper bags in metal contains, Use of a nylon sheet to load. Tarmacked road, Scarce. Photos dis allowed
5th	26	4:44 PM	107	5:19 PM	108	Makadara		0:13:00	0:35:00	0:48:00	3	Enterprise road	All weather	Off loading personal valuables gathered from garbage
Garage	29	5:40 PM	109			Makadara		0:21:00		0:21:00	3	Enterprise road	Partly all weather and partly loose gravel	Partly all weather and partly loose gravel
							2:50:00	1:52:00	0:35:00	5:17:00	17			
							6:38:00	3:44:00	0:45:00	11:07:00	17			

### Sat 16 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:55 AM	110	7:30 AM	111	Makadara			0:35:00	0:35:00		Enterprise road	Partly all weather and partly loose gravel	All weather and dry and loose gravel, off loading previous days garbage
1st	6	8:02 AM	112	8:48 AM	113	Makadara	0:46:00	0:32:00		1:18:00	6	Pembe flour Mills	Dry, Spills well collected	Industrial garbage in nylon bags and metal container, All weather road, scarce traffic
2nd	8	8:56 AM	114	9:25 AM	115	Makadara	0:29:00	0:08:00		0:37:00	2	Bakers and Bite, Nanyuki road	Murum, Dry, Spills well collected	Industrial garbage (bakery) in ametal container, Tarmac road, No spills, Self co-ordinating traffic
3rd	13	9:47 AM	116	10:35 AM	117	Makadara	0:48:00	0:22:00		1:10:00	5	Proctor and Allan	All weather and Dry, Spills well collected	Industrial garbage in nylon bags and metal container, All weather road, scarce traffic. Use of a nylon sheet to load
4th	13	10:39 AM	118	11:11 AM	119	Makadara	0:32:00	0:04:00		0:36:00	0	Bamburi road	Concrete and wet, Spills swept	Hotel wstes in nylon bags and paperbags put in metal container, Tarmacked road, scarce traffic. Self cordinating staff
5th	15	11:16 AM	120	12:12 PM	121	Makadara	0:56:00	0:05:00		1:01:00	2	Bakers and Bite 2	Dry, Spills well collected	Industrial garbage in ametal container in paper bags, Tarmac road, No spills, Self co-ordinating traffic
6th	15	12:13 PM	122	12:43 PM	123	Makadara	0:30:00	0:01:00		0:31:00	0	Pembe maize meals	Dry, Spills well collected	Industrial garbage in nylon bags and metal container, All weather road, scarce traffic
Garage	19	1:16 PM	124			Makadara		0:33:00		0:33:00	4			
							4:01:00	1:45:00	0:35:00	6:21:00	19			
							4:01:00	1:45:00	0:35:00	6:21:00	19			

6) KAM 906 Z

Tue 12 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:26 AM	1	6:36 AM	2	Embakasi						Pipeline estate, Outering road	Iron sheet housing, Inspection of vehicle	Iron sheet housing, Inspection of vehicle,
1st	4.7	6:48 AM	3	7:20 AM	4	Embakasi	0:32:00	0:12:00		0:44:00	4.7	Vegpro,JKI Airport	Garbage in metal cubicles. No drippings or Spills	Garbage in metal cubicles. No drippings or Spills, Use of crates and plastic bags, vegetable wastes, Composed staff, Tarmack road, Fast traffic, Chilly weather
2nd	5.5	7:29 AM	5	8:08 AM	6	Embakasi	0:39:00	0:09:00		0:48:00	0.8	Flower Processing (K) Ltd, JKI Airport	Garbage in metal cubicles. No drippings or Spills	Garbage in metal cubicles. No drippings or Spills, Use of open sack ,vegetable and flower wastes, Composed staff, Tarmack road, Scarce traffic, Chilly weather
3rd	19.6	8:41 AM	7	9:28 AM	8	Embakasi	0:47:00	0:33:00		1:20:00	14.1	Sanpac, Mlolongo	Garbage on the ground in a shed No drippings or Spills	Garbage on the ground in a shed .No drippings or Spills, Polythene wastes, Composed staff, Tarmack road, Fast traffic, Sunny weather
4th	26.5	9:45 AM	9	10:10 AM	10	Embakasi	0:25:00	0:17:00		0:42:00	6.9	Alpha Centre	Garbage in bins and plastic bags, no drippings or Spills	Garbage in bins and plastic bags, no drippings or Spills, Industrial wastes, Composed staff, Tarmack road, Fast traffic, Sunny weather
5th	31.6	11:00 AM	11	11:33 AM	12	Embakasi	0:33:00	0:50:00		1:23:00	5.1	Tarpo, Enterprise road C	Garbage in metal cubicle. No drippings or Spills	Garbage in metal cubicle. No drippings or Spills, Use of hands to load, paper and canvas wastes, Composed staff, Tarmack road, Congested traffic, Sunny weather
6th	37	12:07 PM	13	12:09 PM	14	Embakasi	0:02:00	0:34:00		0:36:00	5.4	Team Magic, Enterprise road A	No collection	No collection as there was not sufficient garbage for collection
7th	40.1	12:22 PM	15	12:46 PM	16	Embakasi	0:24:00	0:13:00		0:37:00	3.1	Auto Express,Mom basa road	Garbage in stone built room. No drippings or Spills	Garbage in stone built room. No drippings or Spillspaper wastes, Composed staff, Rough then Tarmack road, Slow traffic then fast, Sunny weather
Dumpsite	54.2	1:36 PM	17	4:52 PM	18	Embakasi		0:50:00	3:16:00	4:06:00	14.1	Dandora	Littered, Short que during offloading	Littered, Short que during offloading, Tarmacked road, congested traffic, then fast, Sunny weather
Garage	78.1	5:27 PM	19	5:29 PM	20	Embakasi		0:35:00		0:35:00	23.9	Pipeline estate, Outering road	Iron sheet housing, Parking of vehicle	Iron sheet housing, Parking of vehicle, Congested traffic, Tarmack road
							3:22:00	4:13:00	3:16:00	10:51:00	78.1			

Wed 13 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:30 AM	21	6:43 AM	22	Embakasi						Pipeline estate, Outering road	Iron sheet housing, Inspection of vehicle	Iron sheet housing, Inspection of vehicle
1st	0.2	6:51 AM	23	7:03 AM	24	Embakasi	0:12:00	0:08:00		0:20:00	0.2	Total petrol station, Outering road	Garbage in drums, No drippings or Spills	Garbage in bins drums, No drippings or Spills, paper wstes, Composed staff, Tarmack road, Congested traffic
2nd	4.4	7:27 AM	25	8:43 AM	26	Embakasi	1:16:00	0:24:00		1:40:00	4.2	Palm oil Industries, Mombasa road	Garbage on the ground. No drippings or Spills	Garbage on the ground No drippings or Spills, paper wstes and plastics, Composed staff, Tarmack road, Congested traffic
3rd	12.6	9:28 AM	27	9:43 AM	28	Embakasi	0:15:00	0:45:00		1:00:00	8.2	College of Insurance, South C	Garbage in stone built room. No drippings or Spills	Garbage in stone built room. No drippings or Spills, Residential and food wastes, Composed staff, Tarmack road then rough road, Fast traffic,
4th	14.6	9:51 AM	29	9:57 AM	30	Ind. Area	0:06:00	0:08:00		0:14:00	2	Fursys Ltd, Mombasa road	Garbage in carton and polythene. No drippings or Spills	Garbage in carton and polythene. No drippings or Spills, paper wastes, Composed staff, Tarmack Congested traffic, Sunny weather
5th	22.2	10:21 AM	31	10:27 AM	32	Ind. Area	0:06:00	0:24:00		0:30:00	7.6	Comhard Limited, Changamwe road	Garbage in metal drums, No drippings or Spills	Garbage in metal drums, No drippings or Spills, Industrial wastes, Composed staff, Tarmack road, Congested traffic
6th	22.4	10:36 AM	33	1:00 PM	34	Ind. Area	2:24:00	0:09:00		2:33:00	0.2	Elliot's (K) Limited	Garbage in sacks in a stone built room. No drippings or Spills	Garbage in sacks in a stone built room. No drippings or Spills, food wastes, Composed staff, Tarmack road, Congested traffic
7th	23.4	1:21 PM	35	1:24 PM	36	Ind. Area	0:03:00	0:21:00		0:24:00	1	MMI, Funzi road	No collection	No Collection, as there was no garbage
8th	23.9	1:27 PM	37	1:33 PM	38	Ind. Area	0:06:00	0:03:00		0:09:00	0.5	Standard Chartered Bank, Funzi road	Garbage in sacks. No drippings or Spills	Garbage in sacks. No drippings or Spills, Composed staff, Tarmack road, Congested traffic
Garage	33.5	2:16 PM	39	2:24 PM	40	Embakasi		0:43:00	0:08:00	0:51:00	9.6	Pipeline estate, Outering road	Garbage offloaded here	Garbage offloaded here as it was not much
							4:28:00	3:05:00	0:08:00	7:41:00	33.5			
							4:28:00	3:05:00	0:08:00	7:41:00	33.5			

Thu 14 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:38 AM	41	6:42 AM	42	Embakasi						Pipeline estate, Outering road	Iron sheet housing, Inspection of vehicle	Iron sheet housing, Inspection of vehicle
1st	4.3	6:51 AM	43	7:21 AM	44	Embakasi	0:30:00	0:09:00		0:39:00	4.3	Vegpro, JKI Airport	Garbage in metal cubicles. No drippings or Spills	Garbage in metal cubicles. No drippings or Spills, Use of crates and plastic bags, vegetable wastes, Composed staff, Tarmack road, Fast traffic
2nd	4.9	7:50 AM	45	8:02 AM	46	Embakasi	0:12:00	0:29:00		0:41:00	0.6	Signon Freight Canteen, JKI Airport	Garbage in drum, No drippings or Spills	Garbage in drum, No drippings or Spills, Lifting by hand, food wastes, Composed staff, Tarmack road, Congested

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
3rd	5.5	8:08 AM	47	8:33 AM	48	Embakasi	0:25:00	0:06:00		0:31:00	0.6	Schenker, JKI Airport	Garbage in metal cubicles. No drippings or Spills	Garbage in metal cubicles. No drippings or Spills, Paper wastes, Use pen sack and polythene bags to load, paper, Composed staff, Tarmack road, Scarce traffic, Chilly weather
4th	5.8	8:37 AM	49	8:47 AM	50	Embakasi	0:10:00	0:04:00		0:14:00	0.3	Flower Processing (K) Ltd, JKI Airport	Garbage in metal cubicles. No collection	Garbage in metal cubicles. No Collection as the garbage was not sufficient
5th	11.3	9:00 AM	51	9:09 AM	52	Embakasi	0:09:00	0:13:00		0:22:00	5.5	Alpha Centre	Garbage in bins and on ground, no drippings or Spills	Garbage in bins and on ground, Industrial wastes, no drippings or Spills, Composed staff, Tarmack road, Fast traffic, Chilly weather
6th	17.8	9:57 AM	53	10:27 AM	54	Embakasi	0:30:00	0:48:00		1:18:00	6.5	Fedha estate, Outering road	Garbage in plastic bags and bins outside houses, no drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Congested traffic, Chilly weather
7th	20.7	10:35 AM	55	11:14 AM	56	Embakasi	0:39:00	0:08:00		0:47:00	2.9	Avenue Park 2, Outering road	Garbage in plastic bags and bins outside houses, no drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Congested traffic, Chilly weather
Dumpsite	29.3	11:41 AM	57	3:30 PM	58	Embakasi		0:27:00	3:49:00	4:16:00	8.6	Dandora	Littered, Short que at weigh bridge	Littered, Short que at weigh bridge and during offloading, tarmack road, congested traffic, Sunny weather
Garage	53.6	4:04 PM	59	4:11 PM	60	Embakasi		0:34:00		0:34:00	24.3	Pipeline estate, Outering road	Iron sheet housing, Parking of vehicle, Congested traffic, Tarmack road	Iron sheet housing, Parking of vehicle, Congested traffic, Tarmack road
							2:35:00	2:58:00	3:49:00	9:22:00	53.6			
							2:35:00	2:58:00	3:49:00	9:22:00	53.6			

Fri 15 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:10 AM	61	6:39 AM	62	Embakasi						Pipeline estate, Outering road	Inspection of vehicle	Iron sheet housing, Inspection of vehicle
1st	0.6	6:44 AM	63	7:47 AM	64	Embakasi	1:03:00	0:05:00		1:08:00	0.6	Avenue Park 1, Outering road	Garbage in plastic bags and bins outside residential houses, no drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Congested traffic, Chilly weather
2nd	9.8	8:34 AM	65	9:27 AM	66	Embakasi	0:53:00	0:47:00		1:40:00	9.2	Rosewood Furnitures, Mombasa road	Garbage in metal cubicle and drum.	Garbage in metal cubicle and drum. No drippings or Spills, paper and wood wastes, Composed

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
													No Spills	staff, Tarmack road, Congested traffic
3rd	10.7	9:33 AM	67	9:50 AM	68	Embakasi	0:17:00	0:06:00		0:23:00	0.9	Auto Express, Mombasa road	Garbage in stone built room. No drippings or Spills	Garbage in stone built room. No drippings or Spills, paper and rubber tyre wastes, Composed staff, Tarmack road, Fast traffic, Very Chilly weather with eclipse
4th	13.8	10:24 AM	69	10:33 AM	70	Embakasi	0:09:00	0:34:00		0:43:00	3.1	College of Insurance, South C	Garbage in stone built room. No drippings or Spills	Garbage in stone built room. No drippings or Spills, Residential and food wastes, Composed staff, Tarmack road then rough road, Fast traffic, Sunny weather
5th	15.4	10:40 AM	71	11:04 AM	72	Embakasi	0:24:00	0:07:00		0:31:00	1.6	Innsor Bellevue, Mombasa road	Garbage in metal cubicle. No drippings or Spills	Garbage in metal cubicle. No drippings or Spills, Food wastes and paper wrappers, Composed staff, Tarmack road, Fast traffic, Sunny weather
6th	16.8	11:10 AM	73	11:12 AM	74	Embakasi	0:02:00	0:06:00		0:08:00	1.4	Laillac, South C	Garbage in plastic bags residential houses, no drippings or Spills	Garbage in plastic bags residential houses, no drippings or Spills, Composed staff, Tarmack road, Congested traffic, Sunny weather
7th	21.1	11:30 AM	75	12:05 PM	76	Makadara	0:35:00	0:18:00		0:53:00	4.3	Innsor Lusaka road	Garbage in metal cubicle. No drippings or Spills	Garbage in metal cubicle. No drippings or Spills, Food wastes and paper wrappers, Composed staff, Tarmack road, Fast traffic, Sunny weather
8th	21.8	12:10 PM	77	1:14 PM	78	Makadara	1:04:00	0:05:00		1:09:00	0.7	East Africa Cables, Addis Ababa road	Garbage in metal cubicle. No drippings or Spills	Garbage in metal cubicle. No drippings or Spills, General public wastes, collected using an open sack, Composed staff, Tarmack rough road, Congested traffic, Sunny weather
Dumpsite	34.4	2:02 PM	79	3:32 PM	80	Embakasi		0:48:00	1:30:00	2:18:00	12.6	Dandora	Littered, Long que	Littered, Long que at weigh bridge
Garage	46.4	4:07 PM	81	4:10 PM	82	Embakasi		0:35:00		0:35:00	12	Pipeline estate, Outering road	Iron sheet housing, Parking of vehicle,	Iron sheet housing, Parking of vehicle, Tarmack road, Congested traffic, Sunny weather
							4:27:00	3:31:00	1:30:00	9:28:00	46.4			
							4:27:00	3:31:00	1:30:00	9:28:00	46.4			

Mon 18 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:27 AM	83	6:37 AM	84	Embakasi						Pipeline estate, Outering road	Iron sheet housing, Inspection of vehicle	Iron sheet housing, Inspection of vehicle
1st	4.3	6:56 AM	85	7:49 AM	86	Embakasi	0:53:00	0:19:00		1:12:00	4.3	Vegpro, JKI Airport	Garbage in metal cubicles. No drippings or Spills	Garbage in metal cubicles. No drippings or Spills, Use of crates and plastic bags, vegetable wastes, Composed staff, Tarmack road, Congested traffic,
2nd	10.7	8:04 AM	87	8:27 AM	88	Embakasi	0:23:00	0:15:00		0:38:00	6.4	Alpha Centre, Mombasa road	Garbage in wooden box, No spills or drippings	Garbage in wooden box, No spills or drippings, Polythene wastes, Composed staff, Tarmack road, Fast traffic



Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
3rd	17.4	9:01 AM	89	9:21 AM	90	Embakasi	0:20:00	0:34:00		0:54:00	6.7	Riara Girls High School, Mombasa road	Garbage in metal drums, No drippings or Spills	Garbage in metal drums, No drippings or Spills, Residential wastes, Composed staff, Tarmack road, Congested traffic, Chilly weather
4th	23.7	9:59 AM	91	10:31 AM	92	Embakasi	0:32:00	0:38:00		1:10:00	6.3	Tarpo, Enterprise road C	Garbage in metal cubicle. No drippings or Spills	Garbage in metal cubicle. No drippings or Spills, Use of an open cut sack to load, paper and canvas wastes, Composed staff, Tarmack road, Congested traffic, Sunny weather
Dumpsite	46.4	1:07 PM	93	5:23 PM	94	Embakasi		2:36:00	4:16:00	6:52:00	22.7	Dandora	Littered, Foul smell	Littered, Foul smell, Sunny weather, armacked road, Congested traffic
Garage	65.7	6:13 PM	95	6:25 PM	96	Embakasi		0:50:00		0:50:00	19.3	Pipeline estate, Outering road	Iron sheet housing, Parking of vehicle,	Iron sheet housing, Parking of vehicle, Tarmack road, Congested traffic, Sunset
							2:08:00	5:12:00	4:16:00	11:36:00	65.7			
							2:08:00	5:12:00	4:16:00	11:36:00	65.7			

### Wed 20 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:46 AM	97	8:52 AM	98	Embakasi						Pipeline estate, Outering road	Crew loading garbage from the yard onto truck	Crew loading garbage from the yard onto truck to take to dumpsite
Dumpsite	15.6	10:30 AM	99	2:35 PM	100	Embakasi		1:38:00	4:05:00	5:43:00	15.6	Dandora	Long que during offloading	Tarmack road, Congested traffic, Sunny weather, Long que during offloading
1st	30.5	3:05 PM	101	3:12 PM	102	Kiambu	0:07:00	0:30:00		0:37:00	14.9	Woodvale grove, New Runda	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, No drippings or Spills, residential wastes, Composed staff, Tarmack road, Fast traffic, Sunny weather
2nd	31.3	3:14 PM	103	3:18 PM	104	Kiambu	0:04:00	0:02:00		0:06:00	0.8	Garden Drive, New Runda	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, No drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
3rd	32.9	3:25 PM	105	3:26 PM	106	Kiambu	0:01:00	0:07:00		0:08:00	1.6	Cactus lane, New Runda	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
4th	33.8	3:31 PM	107	3:33 PM	108	Kiambu	0:02:00	0:05:00		0:07:00	0.9	Boabab Close, New Runda	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
5th	41	4:09 PM	109	4:44 PM	110	Kiambu	0:35:00	0:36:00		1:11:00	7.2	Old Runda	Garbage in plastic	Garbage in plastic bags and bins outside

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
													bags and bins outside No drippings or Spills	residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
6th	48.3	4:49 PM	111	4:51 PM	112	Kiambu	0:02:00	0:05:00		0:07:00	7.3	Lord Eroll restaurant, Ruaka road	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins in a room, no drippings or Spills, food, plastics and paper wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
7th	49.6	4:55 PM	113	4:57 PM	114	Kiambu	0:02:00	0:04:00		0:06:00	1.3	Ruaka Grove	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
8th	50.5	5:03 PM	115	5:06 PM	116	Kiambu	0:03:00	0:06:00		0:09:00	0.9	Mimosa Vale	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
9th	51.1	5:24 PM	117	5:41 PM	118	Kiambu	0:17:00	0:18:00		0:35:00	0.6	Mimosa Ridge	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
10th	55.7	5:45 PM	119	5:47 PM	120	Kiambu	0:02:00	0:04:00		0:06:00	4.6	The Cyads	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunny weather
11th	57.7	6:00 PM	121	6:02 PM	122	Kiambu	0:02:00	0:13:00		0:15:00	2	Runda Ridge	Garbage in plastic bags and bins outside No drippings or Spills	Garbage in plastic bags and bins outside residential houses, no drippings or Spills, residential wastes, Composed staff, Tarmack road, Scarce traffic, Sunset
Garage	89.5	8:10 PM	123	8:16 PM	124	Embakasi		2:08:00		2:08:00	31.8	Pipeline estate, Outering road	Iron sheet housing, Parking of vehicle,	Iron sheet housing, Parking of vehicle, Tarmack road, Moderate traffic, Sunset
							1:17:00	5:56:00	4:05:00	11:18:00	89.5			
							1:17:00	5:56:00	4:05:00	11:18:00	89.5			

7) KWD 632

Mon 11 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:41 AM	1	6:52 AM	2	Makadara						BuruBuru police Canteen	Inspection of vehicle	Chilly weather
1st	2	7:50 AM	3	7:55 AM	4	Milimani	0:05:00	0:58:00			2	CCN Westlands, Parklands Division	Picking CCN supervisor	Picking CCN supervisor who was directing the crew on collection points locations
2nd	6	8:53 AM	5	8:57 AM	6	Milimani	0:04:00	0:58:00			4	Mpaka road	Garbage put in CCN bins, Spillages noted	Garbage put in CCN bins, Spillages noted, general public wastes, tarmac road, no traffic, Use of an open sack and fork hoe to load, 2 crew with protective gear, 4 without, No gloves
3rd	6	9:06 AM	7	9:12 AM	8	Milimani	0:06:00	0:09:00			0	Shell petrol station, Ringroad westlands	Garbage put next to the station	Garbage put next to the station, general public wastes, tarmac road with traffic, Use of an open sack and fork hoe to load, 2 crew with protective gear, 4 without, No gloves
4th	13	9:33 AM	9	9:50 AM	10	Milimani	0:17:00	0:21:00			7	Kangemi Kijiji 1	Garbage put in polythene bags and sacks	Garbage put in polythene bags and sacks, general public wastes, tarmac road with traffic, Use of an open sack and fork hoe to load, 2 crew with protective gear, 4 without, No gloves
5th	14	9:55 AM	11	10:35 AM	12	Milimani	0:40:00	0:05:00			1	Kangemi Kijiji 2	Garbage put in polythene bags and sacks, Spillages noted	Garbage put in polythene bags and sacks, general public wastes, tarmac road with traffic, Use of an open sack and fork hoe to load, 2 crew with protective gear, 4 without, No gloves
6th	18	11:56 AM	13	2:18 PM	14	Milimani	2:22:00	1:21:00			4	Kangemi Kijiji 3	Garbage put on roadside lots of Spillages noted	Garbage put on roadside lots of Spillages noted, general public wastes, all weather road with traffic, Use of an open sack and fork hoe to load, 2 crew with protective gear, 4 without, No gloves
Repairs garage	37	5:44 PM	15	5:48 PM	16	Kasarani		3:26:00			19	Kariobangi North, next to Equity Bank	Parking	Truck did not go to the dumpsite because there was traffic and had a lot of breakdowns on the way, Tarmac road with no traffic
							3:34:00	7:18:00	0	10:52:00	37			
							3:34:00	7:18:00	0	10:52:00	37			

Tue 12 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Repairs garage	0	6:51 AM	17	10:20 AM	18	Kasarani				0:00:00		Kariobangi North, next to Equity Bank	Inspection of vehicle	Had spent the night with previous day's garbage, Truck had mechanical problems so it spent a lot of time at garage,

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	8	10:36 AM	19	1:17 PM	20	Embakasi		0:16:00	2:41:00	2:57:00	8	Dandora	Dumping	Dumping
Repairs garage	15	2:23 PM	21	2:25 PM	22	Kasarani		1:06:00		1:06:00	7	Kariobangi North, next to Equity Bank	Parking	Parking due to its mechanical problems, Sunny
							0:00:00	1:22:00	2:41:00	4:03:00	15			
							0:00:00	1:22:00	2:41:00	4:03:00	15			

### Fri 15 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Repairs garage	0	6:31 AM	23	7:30 AM	24	Kasarani						Kariobangi North, next to Equity Bank	Inspection of vehicle	Truck took a lot of time here as some other trucks had blocked its way out
1st	20	8:59 AM	25	9:14 AM	26	Milimani	0:15:00	1:29:00			20	Kangemi point 1	Garbage put in a concrete cubicle, No spillages	Garbage put in a concrete cubicle, No spillages
2nd	21	9:22 AM	27	9:39 AM	28	Milimani	0:17:00	0:08:00			1	Kangemi point 2	Garbage put in a central point at the roadside, lots of spills	Garbage put in a central point at the roadside, lots of spills, fruit wastes, tarmac road with minimal traffic, Chilly weather, Use of an open sack and fork hoe to load
3rd	21	9:42 AM	29	10:04 AM	30	Milimani	0:22:00	0:03:00			0	Kangemi point 3	Garbage in a central point at the roadside, lots of spills	Garbage put in a central point at the roadside, lots of spills, general public wastes, tarmac road with minimal traffic, Chilly weather, Use of an open sack and fork hoe to load
4th	21	10:35 AM	31	10:51 AM	32	Milimani	0:16:00	0:31:00			0	Kangemi point 4	Garbage put in a central point in an iron sheet structure	Garbage put in a central point in an iron sheet structure, general public wastes, all weather road next to a tarmac road, Sunny weather, Use of an open sack and fork hoe to load
5th	21	10:53 AM	33	11:04 AM	34	Milimani	0:11:00	0:02:00			0	Kangemi point 5	Garbage put in a central point at the roadside	Garbage put in a central point at the roadside, general public wastes, all weather road next to a tarmac road, Sunny weather, Use of an open sack and fork hoe to load
6th	22	11:07 AM	35	11:22 AM	36	Milimani	0:15:00	0:03:00			1	Kangemi point 6	Garbage put in a central point at the roadside	Garbage put in a central point at the roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
7th	23	11:25 AM	37	11:32 AM	38	Milimani	0:07:00	0:03:00			1	Kangemi point 7	Garbage put in a central point at the roadside	Garbage put in a central point at the roadside, general public wastes, tarmac road with no traffic use of open sack and fork hoe to load
8th	23	11:35 AM	39	11:41 AM	40	Milimani	0:06:00	0:03:00			0	Kangemi point 8	Garbage put in a central point at the roadside	Garbage put in a central point at the roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
9th	29	12:00 PM	41	1:37 PM	42	Milimani	1:37:00	0:19:00			6	Kabete shopping centre	Garbage put in a central point at the roadside	Garbage put in a central point at the roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
10th	60	1:42 PM	43	1:56 PM	44	Milimani	0:14:00	0:05:00			31	Kangemi point 9, opposite Shell petrol station	Garbage put outside a residential house and next to the road	Garbage put outside a residential house and next to the road, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
11th	61	1:59 PM	45	2:10 PM	46	Milimani	0:11:00	0:03:00			1	Kangemi point 10, Sodom area	Garbage put outside a residential house and next to the road	Garbage put outside a residential house and next to the road, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
12th	62	2:18 PM	47	2:21 PM	48	Milimani	0:03:00	0:08:00			1	Kangemi point 11, Sodom area	Garbage put outside a residential house and next to the road	Garbage put outside a residential house and next to the road, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
13th	62	2:23 PM	49	2:38 PM	50	Milimani	0:15:00	0:02:00			0	Kangemi point 12, Sodom area	Garbage put outside a residential house and next to the road	Garbage put outside a residential house and next to the road, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
Dumpsite	92	5:52 PM	51	6:53 PM	52	Embakasi		3:14:00	1:01:00		30	Dandora	Dumping	Truck broke down on the way but it was repaired, Heavy traffic
Garage	97	7:22 PM	53	7:27 PM	54	Makadara		0:29:00			5	BuruBuru police Canteen	Parking	Heavy traffic
							4:09:00	6:42:00	1:01:00	11:52:00	97			
							4:09:00	6:42:00	1:01:00	11:52:00	97			

### Sat 16 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:14 AM	55	6:53 AM	56	Makadara						BuruBuru police Canteen	Parking	Parking, Tarmack road, Chilly
1st	1	7:43 AM	57	7:53 AM	58	Milimani	0:10:00	0:50:00		1:00:00	1	CCN Westlands, Parklands Division	Picking CCN supervisor	Picking CCN supervisor, Tarmack road
2nd	3	8:04 AM	59	8:09 AM	60	Milimani	0:05:00	0:11:00		0:16:00	2	Mpaka road	Garbage put in CCN bins, No spillages	Garbage put in CCN bins, No spillages, general public wastes, tarmac road with no traffic, Chilly weather
3rd	4	8:15 AM	61	8:21 AM	62	Milimani	0:06:00	0:06:00		0:12:00	1	Shell petrol station, Ringroad westlands	Garbage put in central point next to the station	Garbage put in central point next to the station, general public wastes, tarmac road with minimal traffic, Chilly weather, Use of an open sack and fork hoe to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
4th	12	9:12 AM	63	9:20 AM	64	Milimani	0:08:00	0:51:00		0:59:00	8	Kangemi point 1	Garbage put in sacks, drums and polythene bags, Spills noted	Garbage put in sacks, drums and polythene bags, Spills noted, vegetable wastes, tarmac road with minimal traffic, Chilly weather,
5th	20	10:26 AM	65	10:36 AM	66	Milimani	0:10:00	1:06:00		1:16:00	8	Kangemi point 2	Garbage put in polythene bags outside residential, lots of Spills noted	Garbage put in polythene bags outside residential, lots of Spills noted, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
6th	21	10:40 AM	67	10:45 AM	68	Milimani	0:05:00	0:04:00		0:09:00	1	Kangemi point 3	Garbage put in central point at roadside, lots of spillages	Garbage put in central point at roadside, lots of Spills noted, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
7th	22	10:50 AM	69	10:53 AM	70	Milimani	0:03:00	0:05:00		0:08:00	1	Kangemi point 4	Garbage put in central point at roadside, lots of spillages	Garbage put in central point at roadside, lots of Spills noted, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
8th	22	10:54 AM	71	11:08 AM	72	Milimani	0:14:00	0:01:00		0:15:00	0	Kabete shopping centre	Garbage put in central point at roadside, lots of spillages	Garbage put in central point at roadside, lots of spillages, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
9th	22	11:12 AM	73	11:18 AM	74	Milimani	0:06:00	0:04:00		0:10:00	0	Kabete Technical School	Garbage put in central point next to the school, lots of spillages	Garbage put in central point next to the school, lots of spillages, food wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
10th	23	11:29 AM	75	11:37 AM	76	Milimani	0:08:00	0:11:00		0:19:00	1	Kangemi point 5	Garbage put in polythene bags outside residential	Garbage put in polythene bags outside residential, food wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
11th	24	11:41 AM	77	11:51 AM	78	Milimani	0:10:00	0:04:00		0:14:00	1	Kangemi point 6, Dam	Garbage put in central point at roadside	Garbage put in central point at roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
12th	25	11:54 AM	79	12:10 PM	80	Milimani	0:16:00	0:03:00		0:19:00	1	Kangemi point 7	Garbage put in central point at roadside	Garbage put in central point at roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
13th	25	12:26 PM	81	12:39 PM	82	Milimani	0:13:00	0:16:00		0:29:00	0	Kangemi point 8	Garbage put in central point inside a residential compound	Garbage put in central point inside a residential compound, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
14th	26	12:54 PM	83	12:56 PM	84	Milimani	0:02:00	0:15:00		0:17:00	1	Kangemi point 9, Sodom area	Garbage put in central point outside a residential	Garbage put in central point outside a residential, eneral public wastes, tarmac road with no traffic, Sunny weather
15th	26	13:20	85	1:36 PM	86	Milimani	0:16:00	0:24:00		0:40:00	0	Kangemi point 10, Sodom area	Garbage put in central point inside a residential compound	Garbage put in central point inside a residential compound, general public wastes, no traffic, Sunny weather
16th	27	1:40 PM	87	2:03 PM	88	Milimani	0:23:00	0:04:00		0:27:00	1	Kangemi point 11, Sodom area	Garbage put in central point outside a residential	Garbage put in central point outside a residential, eneral public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
Dumpsite	51	4:10 PM	89	6:32 PM	90	Embakasi		2:07:00	2:22:00	4:29:00	24	Dandora	Dumping	Dumping
Repairs garage	66	8:08 PM	91	8:10 PM	92	Kasarani		1:36:00		1:36:00	15	Kariobangi North, next to Equity Bank	Parking	Truck first went to Buruburu, then the crwe later decided to park at their Kariobangi North Garage because it had a mechanical problem. Heavy traffic
							2:35:00	8:18:00	2:22:00	13:15:00	66			
							2:35:00	8:18:00	2:22:00	13:15:00	66			

### Mon 18 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Repairs garage	0	6:19 AM	93	6:33 AM	94	Kasarani						Kariobangi North, next to Equity Bank	Inspection of vehicle	Inspection of vehicle. Chilly, Tarmac road, minimal traffic
1st	11	7:21 AM	95	7:38 AM	96	Milimani	0:17:00	0:48:00		1:05:00	11	Parkwest, Mpaka road	Garbage put in large buckets. No spillages	Garbage put in large buckets, residential wastes, No spillages, tarmac road with minimal traffic, Sunny weather,
2nd	13	7:45 AM	97	7:48 AM	98	Milimani	0:03:00	0:07:00		0:10:00	2	Mpaka road	Garbage put in bins and some at roadside, Lots of spillages	Garbage put in bins and some at roadside, Lots of spillages, general public wastes, tarmac road with minimal traffic, Sunny weather, Use of an open sack and fork hoe to load
3rd	13	8:00 AM	99	8:04 AM	100	Milimani	0:04:00	0:12:00		0:16:00	0	Shell petrol station, Ringroad westlands	Garbage put in central point next to the station	Garbage put in central point next to the station, general public wastes, tarmac road with minimal traffic, Chilly weather, Use of an open sack and fork hoe to load
4th	22	8:56 AM	101	12:35 PM	102	Milimani	3:39:00	0:52:00		4:31:00	9	Mountain View	Garbage put in an enclosed cubicle	Garbage put in an enclosed cubicle, residential wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
5th	24	12:44 PM	103	1:34 PM	104	Milimani	0:50:00	0:09:00		0:59:00	2	Kangemi point 1	Garbage put in central point outside a residential	Garbage put in central point outside a residential, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
6th	24	1:39 PM	105	2:17 PM	106	Milimani	0:38:00	0:05:00		0:43:00	0	Kangemi point 2	Garbage in polythene bags, put in central point outside a residential Minimal spillages	Garbage in polythene bags, put in central point outside a residential, Minimal spillages, residential and general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
Dumpsite	25	4:43 PM	107	7:23 PM	108	Embakasi		2:26:00	2:40:00	5:06:00	1	Dandora	Dumping	ruck experienced mechanical problems on the way, Heavy traffic, Sunny, Garbage tonnage not taken as it was late
Garage	45	7:41 PM	109	7:51 PM	110	Makadara		0:18:00		0:18:00	20	Buru Buru police Canteen	Parking	Parking
							5:31:00	4:57:00	2:40:00	13:08:00	45			
							5:31:00	4:57:00	2:40:00	13:08:00	45			

Tue 19 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:42 AM	111	6:44 AM	112	Makadara						Buru Buru police Canteen	Parking	Parking
1st	13	7:54 AM	113	8:11 AM	114	Milimani	0:17:00	1:10:00		1:27:00	13	Grandways Building, Unga lane	Garbage put in a steel box-like bin, No spillages	Garbage put in a steel box-like bin, No spillages, general public wastes ,tarmac road with minimal traffic, Chilly and drizzling weather, Use of an open sack and fork hoe to load
2nd	15	8:31 AM	115	8:38 AM	116	Milimani	0:07:00	0:20:00		0:27:00	2	Shell petrol station, Ringroad westlands	Garbage put in central point next to the station	Garbage put in central point next to the station, general public wastes, tarmac road with heavy traffic, Chilly and drizzling weather, Use of an open sack and fork hoe to load
3rd	22	9:10 AM	117	9:18 AM	118	Milimani	0:08:00	0:32:00		0:40:00	7	Kangemi point 1	Garbage put in an open concrete cubicle, Minimal spillages	Garbage put in an open concrete cubicle, Minimal spillages, general public wastes, tarmac road with heavy traffic, Chilly weather, Use of an open sack and fork hoe to load
4th	22	9:23 AM	119	9:30 AM	120	Milimani	0:07:00	0:05:00		0:12:00	0	Kangemi point 2	Garbage put in central point at roadside	Garbage put in central point at roadside, general public wastes, tarmac road with no traffic, Chilly weather, Use of an open sack and fork hoe to load
5th	23	9:37 AM	121	10:13 AM	122	Milimani	0:36:00	0:07:00		0:43:00	1	Kangemi point 3	Garbage put in central point next to the market at roadside	Garbage put in central point next to the market at roadside, general public wastes ,tarmac road with no traffic, Chilly weather, Use of an open sack and fork hoe to load
6th	23	10:15 AM	123	10:39 AM	124	Milimani	0:24:00	0:02:00		0:26:00	0	Kangemi point 4	Garbage put in central point outside a residential	Garbage put in central point outside a residential, residential and general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load



Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
7th	42	11:45 AM	125	11:50 AM	126	Milimani	0:05:00	1:06:00		1:11:00	19	Kangemi point 5	Garbage put in central point in a residential at roadside	Garbage put in central point outside a residential, residential and general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
8th	43	11:51 AM	127	12:00 PM	128	Milimani	0:09:00	0:01:00		0:10:00	1	Kangemi point 6, Next to Triton petrol station	Garbage put in central point in a residential at roadside	Garbage put in central point outside a residential, residential and general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
9th	43	12:03 PM	129	12:26 PM	130	Milimani	0:23:00	0:03:00		0:26:00	0	Kabete shopping centre	Garbage put in central point at roadside	Garbage put in central point at roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
10th	43	12:30 PM	131	12:40 PM	132	Milimani	0:10:00	0:04:00		0:14:00	0	Kabete Technical School	Garbage put in central point next to the school	Garbage put in central point next to the school, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
11th	45	12:53 PM	133	1:00 PM	134	Milimani	0:07:00	0:13:00		0:20:00	2	Kangemi point 7, opposite Total petrol station	Garbage put in central point at roadside	Garbage put in central point at roadside, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
12th	46	1:31 PM	135	1:46 PM	136	Milimani	0:15:00	0:31:00		0:46:00	1	Kangemi point 8, Sodom area	Garbage put in central point outside a hotel	Garbage put in central point outside a hotel, general public wastes, tarmac road with no traffic, Sunny weather, Use of an open sack and fork hoe to load
Stalled	73	6:48 PM	137	6:54 PM	138	Milimani		5:02:00		5:02:00	27	Kangemi point 9, next to ABC place	Truck break down	Truck broke down and had to stay here, Mechanic was out reach.
							2:48:00	9:16:00	0:00:00	12:04:00	73			
							2:48:00	9:16:00	0:00:00	12:04:00	73			

## 8) KAC 088J

Mon 11 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	1	6:25 AM	2	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Inspection of Vehicle Cold and Cloudy weather
1st	3.2	6:38 AM	3	6:40 AM	4	Westlands	0:02:00	0:13:00		0:15:00	3.2	CCN Westlands, Division Office	Getting directions from CCN supervisor	Getting directions from CCN supervisor,
2nd	11.8	7:00 AM	5	7:28 AM	6	Westlands	0:28:00	0:20:00		0:48:00	8.6	Kangemi market, Waiyaki way	Garbage on bare ground	Garbage on bare ground, Cold and Cloudy weather
3rd	12.2	7:34 AM	7	7:58 AM	8	Westlands	0:24:00	0:06:00		0:30:00	0.4	Waiyaki way Supermarket, Waiyaki way	Garbage on bare ground	Garbage on bare ground, collected by sacks, spills noted, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
4th	12.6	8:00 AM	9	8:25 AM	10	Westlands	0:25:00	0:02:00		0:27:00	0.4	Mugaka posho mill, Waiyaki way	Garbage on bare ground, next to a residential area	Garbage on bare ground, collected by sacks, spills noted, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
5th	12.8	8:27 AM	11	8:46 AM	12	Westlands	0:19:00	0:02:00		0:21:00	0.2	Orange shop, Waiyaki way	Garbage on bare ground	Garbage on bare ground, collected by sacks, spills noted, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
6th	13.1	8:48 AM	13	8:51 AM	14	Westlands	0:03:00	0:02:00		0:05:00	0.3	Kangemi Fly over, Waiyaki way	Garbage in plastic bags	Garbage in plastic bags, collected by sacks, spills noted, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
7th	13.3	8:56 AM	15	9:46 AM	16	Westlands	0:50:00	0:05:00		0:55:00	0.2	2002 Dairies, Waiyaki way	Garbage in an enclosed structure	Garbage in an enclosed structure, spills noted, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
8th	13.5	9:48 AM	17	10:59 AM	18	Westlands	1:11:00	0:02:00		1:13:00	0.2	Kiosks, Waiyaki way	Garbage on bare ground near kiosk	Garbage on bare ground near kiosk, general public wastes and food wastes, orderly staff, dry road, no traffic jam, Cold and Cloudy weather
9th	13.9	11:00 AM	19	12:01 PM	20	Westlands	1:01:00	0:01:00		1:02:00	0.4	Malaika shops, Waiyaki way	Garbage on bare ground near road	Garbage on bare ground near road, general public wastes and food wastes, orderly staff, wet road, no traffic jam, Cold and Cloudy weather
Dumpsite	31.2	12:50 PM	21	12:56 PM	22	Embakasi		0:49:00	0:06:00	0:55:00	17.3	Dandora	Garbage in heap	Garbage in heap, muddy road, congested traffic, warm and cloudy weather
Garage	39.9	1:37 PM	23	1:40 PM	24	Starehe		0:41:00		0:41:00	8.7	Pangani Shopping Centre	Parking	Parking
							4:43:00	2:23:00	0:06:00	7:12:00	39.9			
							4:43:00	2:23:00	0:06:00	7:12:00	39.9			

Tue 12 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:15 AM	25	7:40 AM	26	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Inspection of Vehicle, Cold and Cloudy weather
1st	3.1	7:52 AM	27	8:03 AM	28	Westlands	0:11:00	0:12:00		0:23:00	3.1	CCN Westland, Division Office	Garbage in plastic bins and plastic bags	Garbage in plastic bags and on bare ground, no spills, general public wastes and food wastes, orderly staff, dry road, no traffic jam, warm and sunny weathe
2nd	4.2	8:11 AM	29	8:16 AM	29	Westlands	0:05:00	0:08:00		0:13:00	1.1	Peppers restaurant, Parklands road	Garbage in drums and in plastic bags on concrete	Garbage in drums and in plastic bags on concrete, no spills, general public wastes and food wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
3rd	4.8	8:19 AM	30	8:24 AM	31	Westlands	0:05:00	0:03:00		0:08:00	0.6	Mpaka road	Garbage in roadside bins on pavement	Garbage in roadside bins on pavement, no spills, general public wastes and food wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
4th	5.2	8:25 AM	32	8:30 AM	33	Westlands	0:05:00	0:01:00		0:06:00	0.4	Stonebic College, Chiromo road	Garbage in roadside bins on pavement	Garbage in roadside bins on pavement, no spills, general public wastes and food wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
5th	5.7	8:34 AM	34	8:36 AM	35	Westlands	0:02:00	0:04:00		0:06:00	0.5	Barclays bank, Westlands	Garbage in roadside bins on pavement	Garbage in roadside bins on pavement, no spills, general public wastes and food wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
6th	11.7	8:46 AM	36	9:28 AM	37	Westlands	0:42:00	0:10:00		0:52:00	6	Blue gate, Waiyaki Way	Garbage in plastic bags and on bare ground	Garbage in plastic bags and on bare ground loaded using sacks, spills noted, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
7th	12.5	9:31 AM	38	10:32 AM	39	Westlands	1:01:00	0:03:00		1:04:00	0.8	Kirimbuini Bar	Garbage in plastic bags and on bare ground	Garbage in plastic bags and on bare ground loaded using sacks, spills noted, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
8th	12.7	10:34 AM	40	11:15 AM	41	Westlands	0:41:00	0:02:00		0:43:00	0.2	Highway milk, Waiyaki way	Garbage in plastic bags and on bare ground	Garbage in plastic bags and on bare ground loaded using sacks, spills noted, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
9th	13.1	11:19 AM	42	11:47 AM	43	Westlands	0:28:00	0:04:00		0:32:00	0.4	Sugar board post, Waiyaki way	Garbage in plastic bags and on bare ground	Garbage in plastic bags and on bare ground loaded using sacks, spills noted, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
10th	13.7	11:50 AM	44	12:18 PM	45	Westlands	0:28:00	0:03:00		0:31:00	0.6	Highway laundry, Waiyaki way	Garbage in plastic bags and on bare ground	Garbage in plastic bags and on bare ground loaded using sacks, spills noted, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
11th	14.1	12:21 PM	46	12:49 PM	47	Westlands	0:28:00	0:03:00		0:31:00	0.4	Baraka Filling station,	Garbage in plastic bags and	Garbage in plastic bags and on bare ground loaded using sacks, spills noted,

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
												Waiyaki way	on bare ground	general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
12th	14.3	12:53 PM	48	1:58 PM	49	Westlands	1:05:00	0:04:00		1:09:00	0.2	Vibros Stores, Waiyaki way	Garbage in heap on bare ground	Garbage in heap on bare ground, spills on roadside, general public wastes, orderly staff, dry road, no traffic jam, warm and sunny weather
Dumpsite	35.8	2:51 PM	50	3:44 PM	51	Westlands		0:53:00	0:53:00	1:46:00	21.5	Dandora	Muddy and garbage in a heap	Muddy and garbage in a heap, warm and sunny weather
Garage	43.2	4:18 PM	52	4:21 PM	53	Starehe		0:34:00		0:34:00	7.4	Pangani Shopping Centre	Parking	Parking, warm and sunny
							5:21:00	2:24:00	0:53:00	8:38:00	43.2			
							5:21:00	2:24:00	0:53:00	8:38:00	43.2			

Wed 13 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	54	6:05 AM	55	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Inspection of Vehicle, clear sky
1st	4.4	6:16 AM	56	6:19 AM	57	Westlands	0:03:00	0:11:00		0:14:00	4.4	Peppers restaurant, Parklands road	Garbage in drums and in plastic containers	Garbage in drums and in plastic containers, no drippings, general public wastes, orderly staff, dry road, no traffic jam, sunny weather
2nd	4.8	6:21 AM	58	6:24 AM	59	Westlands	0:03:00	0:02:00		0:05:00	0.4	Mpaka road	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no spills, general public wastes, orderly staff, dry road, no traffic jam
3rd	5.1	6:24 AM	60	6:28 AM	61	Westlands	0:04:00	0:00:00		0:04:00	0.3	Stonebic College, Chiromo road	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no spills, general public wastes, orderly staff, dry road, no traffic jam, sunny weather
4th	5.6	6:30 AM	62	6:40 AM	63	Westlands	0:10:00	0:02:00		0:12:00	0.5	Westlands market	Garbage in sisal bags and other containers	Garbage in sisal bags and other containers, general public and food wastes, orderly staff, dry road, no traffic jam, sunny weather
5th	5.8	6:42 AM	64	6:44 AM	65	Westlands	0:02:00	0:02:00		0:04:00	0.2	Barclays bank, Westlands	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no spills, general public wastes, orderly staff, dry road, no traffic jam, sunny weather
6th	12.4	6:57 AM	66	7:39 AM	67	Westlands	0:42:00	0:13:00		0:55:00	6.6	Kangemi market, Waiyaki way	Garbage in sisal bags and other containers	Garbage in sisal bags and other containers, no spills, general public and perisables wastes, orderly staff, dry road, no traffic jam, sunny weather
7th	14.5	7:44 AM	68	8:05 AM	69	Westlands	0:21:00	0:05:00		0:26:00	2.1	Vibros Stores, Waiyaki way	Garbage on bare ground	Garbage on bare ground, carried by sacks, no spills, general public wastes, orderly staff, dry road, no traffic jam, sunny weather
8th	14.7	8:07 AM	70	8:40 AM	71	Westlands	0:33:00	0:02:00		0:35:00	0.2	Majoe self selection, Waiyaki way	Garbage on bare ground	Garbage on bare ground, no spills, general public wastes, orderly staff, dry road, no traffic jam, sunny weather

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Dumpsite	40.1	9:39 AM	72	12:39 PM	73	Embakasi		0:59:00	3:00:00	3:59:00	25.4	Dandora	Dumping	Poor road network, muddy, vehicles in que, muddy road, sunny weather, Repair of truck's punctured tyre
Garage	47.8	1:09 PM	74	1:12 PM	75	Starehe		0:30:00		0:30:00	7.7	Pangani Shopping Centre	Parking	Sunny and cloudy
							1:58:00	2:06:00	3:00:00	7:04:00	47.8			
							1:58:00	2:06:00	3:00:00	7:04:00	47.8			

### Fri 15 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	5:50 AM	76	6:58 AM	77	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Inspection of Vehicle
1st	3	7:13 AM	78	7:19 AM	79	Westlands	0:06:00	0:15:00		0:21:00	3	CCN Westlands, Division Office	Garbage in plastic bins and plastic bags	Garbage in plastic bins and plastic bags, no drippings, general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy weather
2nd	4.6	7:27 AM	80	7:30 AM	81	Westlands	0:03:00	0:08:00		0:11:00	1.6	Peppers restaurant, Parklands road	Garbage in drums and in plastic bins	Garbage in drums and in plastic bins, no drippings, Food and general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy weather
3rd	4.8	7:33 AM	82	7:40 AM	83	Westlands	0:07:00	0:03:00		0:10:00	0.2	Mpaka road	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no spills, general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy
4th	5.2	7:42 AM	84	7:45 AM	85	Westlands	0:03:00	0:02:00		0:05:00	0.4	Stonebic College, Chiromo road	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no drippings, general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy weather
5th	5.6	7:47 AM	86	7:52 AM	87	Westlands	0:05:00	0:02:00		0:07:00	0.4	Shell Petrol station, Westlands	Garbage on bare ground	Garbage on bare ground, spills noted, general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy
6th	5.8	7:55 AM	88	7:59 AM	89	Westlands	0:04:00	0:03:00		0:07:00	0.2	Barclays bank, Westlands	Garbage in roadside bins and on pavement	Garbage in roadside bins and on pavement, no drippings, general public wastes, orderly staff, dry road, no traffic jam, cold and cloudy weather
7th	12.4	8:22 AM	90	1:49 PM	91	Westlands	5:27:00	0:23:00		5:50:00	6.6	Kangemi market, Waiyaki way	Garbage in a heap, sack and plastic bags	Garbage in a heap, sacks and plastic bags, spills noted, Vegetable wastes, orderly staff, dry road, congested traffic cold and cloudy weather
Dumpsite	31.9	2:45 PM	92	3:57 PM	93	Embakasi		0:56:00	1:12:00	2:08:00	19.5	Dandora	Garbage in a heap	Congestion of trucks, bad road, Hot and sunny weather
Garage	39.9	4:50 PM	94	4:55 PM	95	Starehe		0:53:00		0:53:00	8	Pangani Shopping Centre	Parking	Hot and sunny
							5:55:00	2:45:00	1:12:00	9:52:00	39.9			
							5:55:00	2:45:00	1:12:00	9:52:00	39.9			

Sat 16 Jan 2010

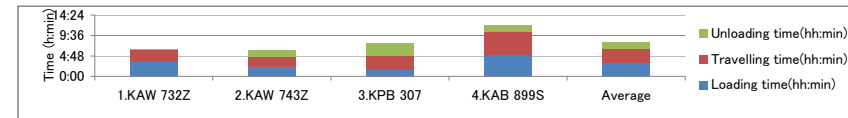
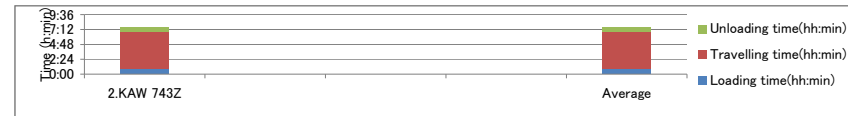
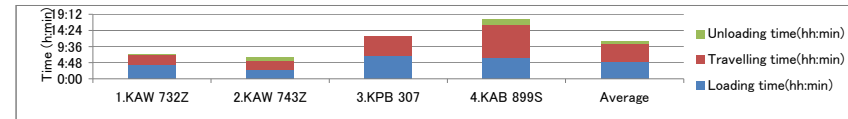
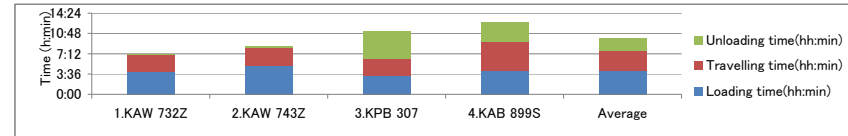
Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	96	6:53 AM	97	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Inspection of Vehicle, dry road, no traffic jam, cold and cloudy weather
1st	1.9	7:00 AM	98	7:08 AM	99	Starehe	0:08:00	0:07:00		0:15:00	1.9	Shell Petrol station, Kariakor	Refuelling of truck	Refuelling of truck, dry road, no traffic jam, cold and cloudy weather
2nd	5.4	7:17 AM	100	7:54 AM	101	Westlands	0:37:00	0:09:00		0:46:00	3.5	CCN Westlands Division Office	Getting directions from CCN supervisor	Getting directions from CCN supervisor, ry road, no traffic jam, old and cloudy weather
3rd	15.6	8:38 AM	102	12:02 PM	103	Westlands	3:24:00	0:44:00		4:08:00	10.2	Calvary Gracious Church, Kangemi estate	Garbage in sacks on bare ground	Garbage in sacks on bare ground, drippings and spills noted, Household and general public wastes, orderly staff, murrum but accessible road, no traffic jam, Sunny and cloudy weather
4th	16.3	12:05 PM	104	12:08 PM	105	Westlands	0:03:00	0:03:00		0:06:00	0.7	The Baptist way Church, Kangemi estate	Garbage in sacks and plastic bag on ground	Garbage in sacks and plastic bags on on bare ground, drippings and spills noted, Household and general public wastes, orderly staff, murrum but accessible road, no traffic jam, Sunny and hot weather
5th	18.2	12:22 PM	106	1:16 PM	107	Westlands	0:54:00	0:14:00		1:08:00	1.9	Kabete PCEA Church, Kangemi estate	Garbage in sacks and on bare ground	Garbage in sacks and plastic bags on on bare ground, drippings and spills noted, Household and general public wastes, orderly staff, murrum but accessible road, no traffic jam,
Dumpsite	39.1	2:18 PM	108	3:40 PM	109	Embakasi		1:02:00	1:22:00	2:24:00	20.9	Dandora	Dumping	Dumping, muddy, Congestion of trucks causing delay, muddy road hence difficult access,
Garage	47	6:38 PM	110	6:40 PM	111	Embakasi		2:58:00		2:58:00	7.9	Pangani Shopping Centre	Parking	Dry road and tarmacked, no traffic jam
							5:06:00	5:17:00	1:22:00	11:45:00	47			
							5:06:00	5:17:00	1:22:00	11:45:00	47			

Mon 18 Jan 2010

Location - Trip 1	Odometer	Arrival Time	Way point at arrival	Departure Time	Way point at departure	Division /Region	Loading Time (min)	Traveling time (min)	Unloading time (min)	Total Trip Time	Total trip (km)	Name of collection point	Status of collection point	Observation
Garage	0	6:00 AM	112	6:44 AM	113	Starehe						Pangani Shopping Centre	Inspection of Vehicle	Clear sky, No traffic jam
Crew Collection	3	6:59 AM	114	7:01 AM	115	Westlands	0:02:00	0:15:00		0:17:00	3	CCN Westlands, Division Office	Getting directions from CCN supervisor	Getting directions from CCN supervisor, No traffic jam. warm and sunny
1st	12	7:23 AM	116	2:15 PM	117	Westlands	6:52:00	0:22:00		7:14:00	9	Kangemi market	Garbage in a heap inside market	Garbage in a heap inside market, spillages, General public wastes and vegetable wastes, orderly staff, dry road, no traffic jam,
Dumpsite	31.9	3:12 PM	118	3:58 PM	119	Embakasi		0:57:00	0:46:00	1:43:00	19.9	Dandora	Muddy and difficult to access	Muddy and difficult to access, Sunny and hot weather
Garage	39.8	4:23 PM	120	4:26 PM	121	Starehe		0:25:00		0:25:00	7.9	Pangani Shopping Centre	Parking	Parking, Sunny and hot weather, no traffic jam
							6:54:00	1:59:00	0:46:00	9:39:00	39.8			
							6:54:00	1:59:00	0:46:00	9:39:00	39.8			

## (5) Loading, Unloading and Traveling Time

LOADING AND TRAVELING TIME							
	1st trip	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	Average	total
4-Jan-10	Loading time(hh:min)	3:58	5:04	3:21	4:10	4:08	16:33
	Travelling time(hh:min)	3:08	3:13	2:59	5:15	3:38	14:35
	Unloading time(hh:min)	0:09	0:15	4:48	3:29	2:10	7:08
	Total trip time(min)	4:35	5:12	6:68	7:74	597.25	2389
	Loaded waste Amount(ton)	4.55	3.92	3.01	3.45	3.73	14.93
	Collected amount per hour(ton/hr)	0.83	0.46	0.27	0.27	0.41	1.65
	No. of collection point	9	6	30	11	14	56
5-Jan-10	1st trip	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	Average	total
	Loading time(hh:min)	4:11	2:45	6:52	6:22	5:02	20:10
	Travelling time(hh:min)	2:59	2:39	5:54	9:46	5:19	21:18
	Unloading time(hh:min)	0:08	0:57	0:00	1:44	0:42	2:49
	Total trip time(min)	4:38	3:81	7:66	9:28	628.25	2513
	Loaded waste Amount(ton)	4.86	3.86	0.00	0.00	4.36	8.72
	Collected amount per hour(ton/hr)	0.67	0.61	0.00	0.00	0.64	1.27
	No. of collection point	10	11	53	8	20.5	82
	2nd trip	2.KAW 743Z				Average	total
	Loading time(hh:min)	0:47				0:47	0:47
	Travelling time(hh:min)	6:09				6:09	6:09
	Unloading time(hh:min)	0:42				0:42	0:42
	Total trip time(min)	4:58				4:58	4:58
	Loaded waste Amount(ton)	3.60				3.60	3.60
	Collected amount per hour(ton/hr)	0.47				0.47	0.47
	No. of collection point	4				4	4
8-Jan-10	1st trip	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	Average	total
	Loading time(hh:min)	3:28	2:13	1:34	5:07	3:05	10:48
	Travelling time(hh:min)	2:53	2:27	3:26	5:22	3:32	14:08
	Unloading time(hh:min)	0:08	1:35	2:49	1:34	1:31	6:06
	Total trip time(min)	3:89	3:75	4:69	7:23	4:69	19:56
	Loaded waste Amount(ton)	3.45	3.12	0.00	3.55	2.53	10.12
	Collected amount per hour(ton/hr)	0.53	0.50	3.55	0.29	1.22	4.88
	No. of collection point	6	9	4	16	11.67	35

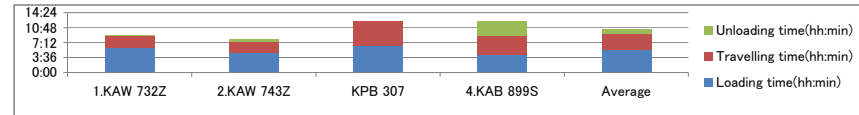
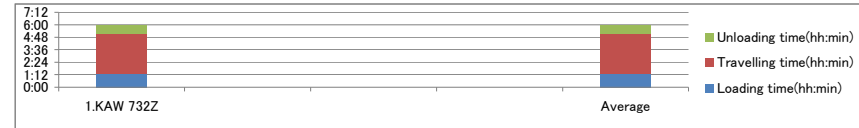
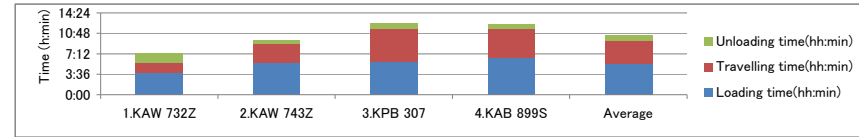
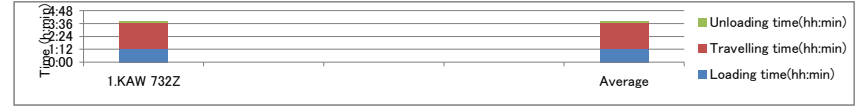


2nd trip	1.KAW 732Z				Average	total
Loading time(hh:min)	1:14				1:14	1:14
Travelling time(hh:min)	2:27				2:27	2:27
Unloading time(hh:min)	0:08				0:08	0:08
Total trip time(min)	229				114.5	229
Loaded waste Amount(ton)	3.14				3.14	3.14
Collected amount per hour(ton/hr)	0.82				0.82	0.82
No. of collection point	3				1.5	3

7-Jan-10 1st trip	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	Average	total
Loading time(hh:min)	3:53	5:43	5:47	6:34	5:29	21:57
Travelling time(hh:min)	1:43	3:12	5:46	5:02	3:55	15:43
Unloading time(hh:min)	1:38	0:40	0:58	0:46	1:00	4:02
Total trip time(min)	434	575	751	742	625.5	2502
Loaded waste Amount(ton)	3.58	5.90	4.68	0.00	4.72	14.16
Collected amount per hour(ton/hr)	0.49	0.62	0.37	0.00	0.49	1.48
No. of collection point	8	1	20	13	14	42

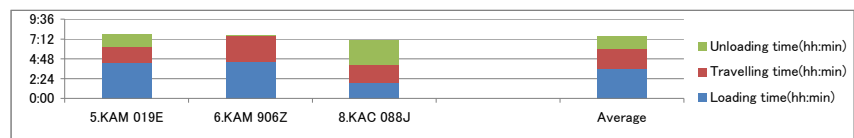
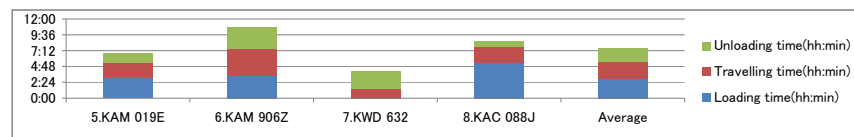
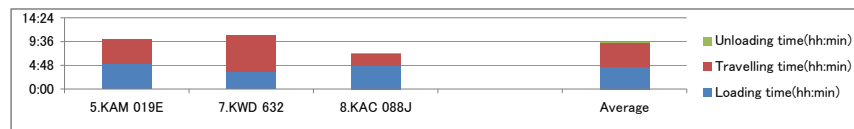
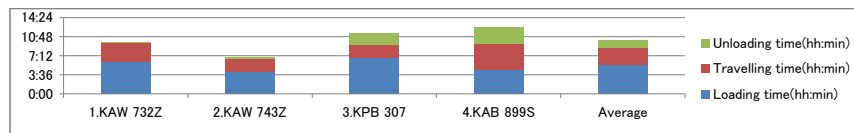
2nd trip	1.KAW 732Z				Average	total
Loading time(hh:min)	1:17				1:17	1:17
Travelling time(hh:min)	3:52				3:52	3:52
Unloading time(hh:min)	0:47				0:47	0:47
Total trip time(min)	356				356	356
Loaded waste Amount(ton)	2.63				2.63	2.63
Collected amount per hour(ton/hr)	0.44				0.44	0.44
No. of collection point	0:00				2	2

8-Jan-10 1st trip	1.KAW 732Z	2.KAW 743Z	KPB 307	4.KAB 899S	Average	total
Loading time(hh:min)	6:04	4:52	6:24	4:17	5:24	21:37
Travelling time(hh:min)	2:45	2:34	5:48	4:38	3:56	15:45
Unloading time(hh:min)	0:10	0:36	0:00	3:21	1:01	4:07
Total trip time(min)	539	482	732	736	622.25	2489
Loaded waste Amount(ton)	4.49	4.87	0.00	2.71	4.02	12.07
Collected amount per hour(ton/hr)	0.50	0.61	0.00	0.22	0.44	1.33
No. of collection point	8	2	44	16	17.5	70





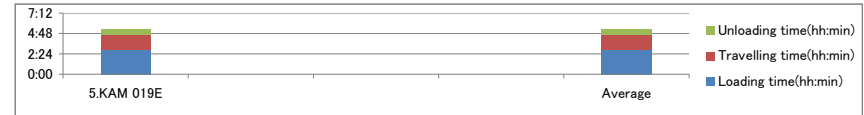
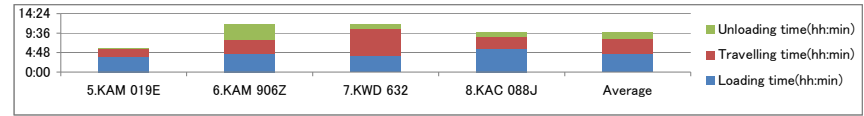
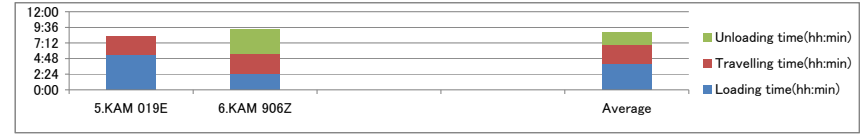
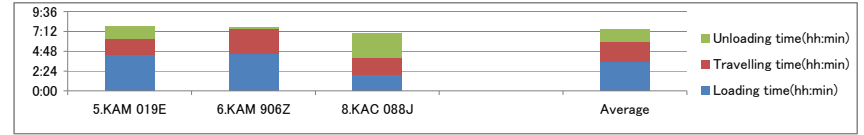
9-Jan-10	1st trip	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	Average	total
	Loading time(hh:min)	6:05	4:11	6:56	4:40	5:28	21:52
	Travelling time(hh:min)	3:40	2:27	2:18	4:48	3:18	13:13
	Unloading time(hh:min)	0:06	0:18	2:10	3:06	1:25	5:40
	Total trip time(min)	591	416	684	754	611.25	2445
	Loaded waste Amount(ton)	3.84	5.27	0.35	3.56	3.26	13.02
	Collected amount per hour(ton/hr)	0.39	0.76	4.04	0.28	0.45	1.78
	No. of collection point	4	3	0	16	5.75	23
11-Jan-10	1st trip	5.KAM 019E	7.KWD 632	8.KAC 088J		Average	total
	Loading time(hh:min)	5:16	3:34	4:43		4:31	13:33
	Travelling time(hh:min)	4:52	7:18	2:23		4:51	14:33
	Unloading time(hh:min)	0:00	0:00	0:06		0:02	0:06
	Total trip time(min)	608	652	432		564	1692
	Loaded waste Amount(ton)	0.00	0.00	5.39		5.39	5.39
	Collected amount per hour(ton/hr)	0.00	0.00	0.75		0.75	0.75
	No. of collection point	12	6	9		9	27
12-Jan-10	1st trip	5.KAM 019E	6.KAM 906Z	7.KWD 632	8.KAC 088J	Average	total
	Loading time(hh:min)	3:09	3:22	0:00	5:21	2:58	11:52
	Travelling time(hh:min)	2:11	4:13	1:22	2:24	2:32	10:10
	Unloading time(hh:min)	1:24	3:16	2:41	0:53	2:03	8:14
	Total trip time(min)	404	651	243	518	454	1816
	Loaded waste Amount(ton)	0.00	3.58	10.15	5.79	9.76	19.52
	Collected amount per hour(ton/hr)	0.00	0.33	2.51	0.67	1.17	3.51
	No. of collection point	7	7	0	12	8.67	26
13-Jan-10	1st trip	5.KAM 019E	6.KAM 906Z	8.KAC 088J		Average	total
	Loading time(hh:min)	4:24	4:28	1:58		3:36	10:50
	Travelling time(hh:min)	1:53	3:05	2:06		2:21	7:04
	Unloading time(hh:min)	1:31	0:08	3:00		1:33	4:39
	Total trip time(min)	468	461	424		451.00	1353
	Loaded waste Amount(ton)	0.00	0.00	5.96		5.96	5.96
	Collected amount per hour(ton/hr)	0.00	0.00	0.84		0.84	0.84
	No. of collection point	8	8	8		8	24



13-Jan-10	1st trip	5.KAM 019E	6.KAM 906Z	8.KAC 088J		Average	total
	Loading time(hh:min)	4:24	4:28	1:58		3:36	10:50
	Travelling time(hh:min)	1:53	3:05	2:06		2:21	7:04
	Unloading time(hh:min)	1:31	0:08	3:00		1:33	4:39
	Total trip time(min)	468	461	424		451.00	1353
	Loaded waste Amount(ton)	0.00	0.00	5.96		5.96	5.96
	Collected amount per hour(ton/hr)	0.00	0.00	0.84		0.84	0.84
	No. of collection point	8	8	8		8	24

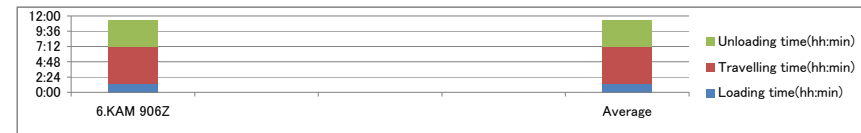
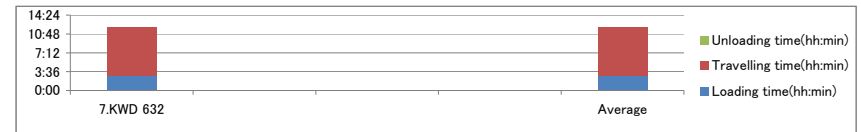
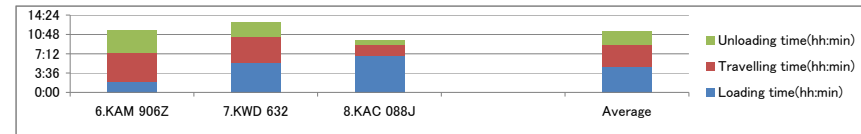
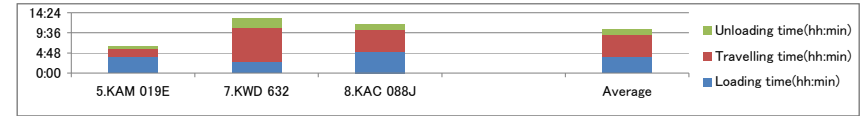
14-Jan-10	1st trip	5.KAM 019E	6.KAM 906Z			Average	total
	Loading time(hh:min)	5:24	2:35			3:59	7:59
	Travelling time(hh:min)	2:54	2:58			2:56	5:52
	Unloading time(hh:min)	0:00	3:49			1:54	3:49
	Total trip time(min)	498	562			530	1060
	Loaded waste Amount(ton)	0.00	7.62			7.62	7.62
	Collected amount per hour(ton/hr)	0.00	0.81			0.81	0.81
	No. of collection point	9	7			8	16

15-Jan-10	1st trip	5.KAM 019E	6.KAM 906Z	7.KWD 632	8.KAC 088J	Average	total
	Loading time(hh:min)	3:48	4:27	4:09	5:55	4:34	18:19
	Travelling time(hh:min)	1:52	3:31	6:42	2:45	3:42	14:50
	Unloading time(hh:min)	0:10	3:49	1:01	1:12	1:33	6:12
	Total trip time(min)	350	707	712	592	590.25	2361
	Loaded waste Amount(ton)	0.00	8.05	6.89	8.05	7.60	22.79
	Collected amount per hour(ton/hr)	0.00	0.68	0.56	0.82	0.69	2.06
	No. of collection point	5	8	13	7	8.25	33
	2nd trip	5.KAM 019E				Average	total
	Loading time(hh:min)	2:50				2:50	3:25
	Travelling time(hh:min)	1:52				1:52	1:52
	Unloading time(hh:min)	0:35				0:35	0:00
	Total trip time(min)	317				317	317
	Loaded waste Amount(ton)	0.00				0.00	0.00
	Collected amount per hour(ton/hr)	0.00				0.00	0.00
	No. of collection point	5				5	5



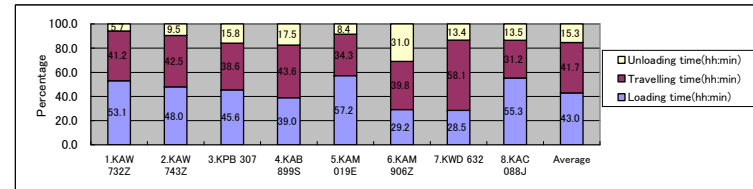
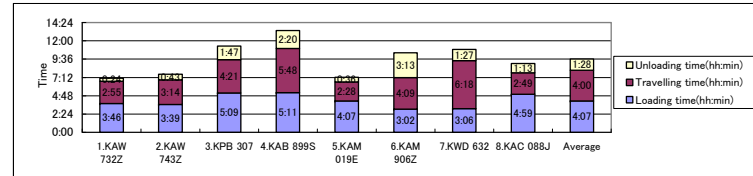
18-Jan-10	1st trip	5.KAM 019E	7.KWD 632	8.KAC 088J	Average	total
	Loading time(hh:min)	4:01	2:35	5:06	3:54	11:42
	Travelling time(hh:min)	1:45	8:18	5:17	5:06	15:20
	Unloading time(hh:min)	0:35	2:22	1:22	1:26	4:19
	Total trip time(min)	381	795	705	627	1881
	Loaded waste Amount(ton)	0.00	7.02	7.15	4.72	14.17
	Collected amount per hour(ton/hr)	0.00	0.53	0.61	0.57	1.14
	No. of collection point	6	16	5	9	27
18-Jan-10	1st trip	6.KAM 906Z	7.KWD 632	8.KAC 088J	Average	total
	Loading time(hh:min)	2:08	5:31	6:54	4:51	14:33
	Travelling time(hh:min)	5:12	4:57	1:59	4:02	12:08
	Unloading time(hh:min)	4:16	2:40	0:46	2:34	7:42
	Total trip time(min)	696	788	579	687.67	2063
	Loaded waste Amount(ton)	2.35	0.00	9.52	5.94	11.87
	Collected amount per hour(ton/hr)	0.20	0.00	0.99	0.59	1.19
	No. of collection point	4	6	2	4	12
19-Jan-10	1st trip	7.KWD 632			Average	total
	Loading time(hh:min)	2:48			2:48	2:48
	Travelling time(hh:min)	9:16			9:16	9:16
	Unloading time(hh:min)	0:00			0:00	0:00
	Total trip time(min)	724			724	724
	Loaded waste Amount(ton)	0.00			0.00	0.00
	Collected amount per hour(ton/hr)	0.00			0.00	0.00
	No. of collection point	12			12	12

20-Jan-10	1st trip	6.KAM 906Z			Average	total
	Loading time(hh:min)	1:17			1:17	1:17
	Travelling time(hh:min)	5:56			5:56	5:56
	Unloading time(hh:min)	4:05			4:05	4:05
	Total trip time(min)	678			678	678
	Loaded waste Amount(ton)	6.78			6.78	6.78
	Collected amount per hour(ton/hr)	0.60			0.60	0.60
	No. of collection point	10			10	10



	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	5.KAM 019E	6.KAM 906Z	7.KWD 632	8.KAC 088J	Average
Loading time(hh:min)	3:46	3:39	5:09	5:11	4:07	3:02	3:06	4:59	4:07
Travelling time(hh:min)	2:55	3:14	4:21	5:48	2:28	4:09	6:18	2:49	4:00
Unloading time(hh:min)	0:24	0:43	1:47	2:20	0:36	3:13	1:27	1:13	1:28
Total trip time(min)	4:26	4:57	6:78	7:76	4:32	6:26	6:52	5:42	5:74
Loaded waste Amount(ton)	3.82	4.36	1.34	2.21	0.00	4.73	3.98	6.98	3.43
Collected amount per hour(ton/hr)	0.56	0.57	1.37	0.18	0.00	0.44	0.60	0.78	0.56
No. of collection point	6.3	5.1	25.2	13.3	7.4	7.3	8.8	7.2	10.1

	1.KAW 732Z	2.KAW 743Z	3.KPB 307	4.KAB 899S	5.KAM 019E	6.KAM 906Z	7.KWD 632	8.KAC 088J	Average
Loading time(hh:min)	3:46	3:39	5:09	5:11	4:07	3:02	3:06	4:59	4:07
Travelling time(hh:min)	2:55	3:14	4:21	5:48	2:28	4:09	6:18	2:49	4:00
Unloading time(hh:min)	0:24	0:43	1:47	2:20	0:36	3:13	1:27	1:13	1:28
Total	7:06	7:37	11:18	13:20	7:12	10:25	10:52	9:01	9:36
Loading time(hh:min)	53.1	48.0	45.6	39.0	57.2	29.2	28.5	55.3	43.0
Travelling time(hh:min)	41.2	42.5	38.6	43.6	34.3	39.8	58.1	31.2	41.7
Unloading time(hh:min)	5.7	9.5	15.8	17.5	8.4	31.0	13.4	13.5	15.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total trip time(min)	426	457	678	776	432	626	652	542	574
Loaded waste Amount(ton)	3.82	4.36	1.34	2.21	0.00	4.73	3.98	6.98	3.43
Collected amount per hour(ton/hr)	0.56	0.57	1.37	0.18	0.00	0.44	0.60	0.78	0.56
No. of collection point	6.3	5.1	25.2	13.3	7.4	7.3	8.8	7.2	10.1



## (6) Waste Collection Amount per Trip

**Monday,4 Jan,2010**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	4.5	3.92	3.01	3.45	3.72
Collected waste amount(kg)	4500	3920	3010	3450	3720.00
Mileage(km)	85.3	48	31	54.8	54.78
Loading time(mm)	238	304	201	250	248.25
Traveling time(mm)	188	193	179	315	218.75
Unloading time(mm)	9	15	288	209	130.25
Total time(mm)	435	512	668	774	597.25
Collected waste amount per:					
loading time(kg/hr)	1134	774	899	828	908.66
transportation time(kg/hr)	1436	1219	1009	657	1080.23
total time (kg/hr)	621	459	270	267	404.47
total time per km (kg/hr/km)	7	10	9	5	7.61
Collected amount ratio to average per:					
loading time(%)	125	85	99	91	100.00
traveling time(%)	133	113	93	61	100.00
total time(%)	153	114	67	66	100.00
total time per km (%)	96	126	115	64	100.00

**Tuesday,5 Jan,2010 trip 1**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	4.86	3.86	n/a	n/a	4.36
Collected waste amount(kg)	4860	3860	n/a	n/a	4360.00
Mileage(km)	31.3	23.9	55	83.1	48.33
Loading time(mm)	251	165	412	382	302.50
Traveling time(mm)	179	159	354	586	319.50
Unloading time(mm)	8	57	0	182	61.75
Total time(mm)	438	381	766	1150	683.75
Collected waste amount per:					
loading time(kg/hr)	1162	1404	n/a	n/a	1282.69
transportation time(kg/hr)	1629	1457	n/a	n/a	1542.83
total time (kg/hr)	666	608	n/a	n/a	636.81
total time per km (kg/hr/km)	21	25	n/a	n/a	23.35
Collected amount ratio to average per:					
loading time(%)	91	109	n/a	n/a	100.00
traveling time(%)	106	94	n/a	n/a	100.00
total time(%)	105	95	n/a	n/a	100.00
total time per km (%)	91	109	n/a	n/a	100.00

**Tuesday,5 Jan,2010 trip 2**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	0	7.46		n/a	3.73
Collected waste amount(kg)	0	7460		n/a	3730.00
Mileage(km)	0	78.4		83.1	53.83
Loading time(mm)	251	212		382	281.67
Traveling time(mm)	179	528		586	431.00
Unloading time(mm)	8	99		182	96.33
Total time(mm)	438	839		1150	809.00
Collected waste amount per:					
loading time(kg/hr)	0	2111		n/a	1055.66
transportation time(kg/hr)	0	848		n/a	423.86
total time (kg/hr)	0	533		n/a	266.75
total time per km (kg/hr/km)	0	7		n/a	3.40
Collected amount ratio to average per:					
loading time(%)	0	200		n/a	100.00
traveling time(%)	0	200		n/a	100.00
total time(%)	0	200		n/a	100.00
total time per km (%)	0	200		n/a	100.00

**Wednesday,6 Jan,2010 trip 1**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	3.45	3.12	4	3.55	3.42
Collected waste amount(kg)	3450	3120	3552	3550	3418.00
Mileage(km)	17.8	42.5	40	31.6	32.98
Loading time(mm)	208	133	94	307	185.50
Traveling time(mm)	173	147	206	322	212.00
Unloading time(mm)	8	95	169	94	91.50
Total time(mm)	389	375	469	723	489.00
Collected waste amount per:					
loading time(kg/hr)	995	1408	2267	694	1340.94
transportation time(kg/hr)	1197	1273	1035	661	1041.51
total time (kg/hr)	532	499	454	295	445.09
total time per km (kg/hr/km)	30	12	11	9	15.58
Collected amount ratio to average per:					
loading time(%)	74	105	169	52	100.00
traveling time(%)	115	122	99	64	100.00
total time(%)	120	112	102	66	100.00
total time per km (%)	192	75	73	60	100.00

**Wednesday,6 Jan,2010 trip 2**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	3.14				3.14
Collected waste amount(kg)	3140				3140.00
Mileage(km)	36.6				36.60
Loading time(mm)	74				74.00
Traveling time(mm)	147				147.00
Unloading time(mm)	8				8.00
Total time(mm)	229				229.00
Collected waste amount per:					
loading time(kg/hr)	2546				2545.95
transportation time(kg/hr)	1282				1281.63
total time (kg/hr)	823				822.71
total time per km (kg/hr/km)	22				22.48
Collected amount ratio to average per:					
loading time(%)	100				100.00
traveling time(%)	100				100.00
total time(%)	100				100.00
total time per km (%)	100				100.00

**Thursday,7 Jan,2010 trip 1**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	3.58	5.9	4.68	n/a	4.72
Collected waste amount(kg)	3580	5900	4680	n/a	4720.00
Mileage(km)	6.7	57.2	38	47	37.23
Loading time(mm)	233	343	347	394	329.25
Traveling time(mm)	103	192	346	302	235.75
Unloading time(mm)	98	40	58	46	60.50
Total time(mm)	434	575	751	742	625.50
Collected waste amount per:					
loading time(kg/hr)	922	1032	809	n/a	921.06
transportation time(kg/hr)	2085	1844	812	n/a	1580.25
total time (kg/hr)	495	616	374	n/a	494.83
total time per km (kg/hr/km)	74	11	10	n/a	31.49
Collected amount ratio to average per:					
loading time(%)	100	112	88	n/a	100.00
traveling time(%)	132	117	51	n/a	100.00
total time(%)	100	124	76	n/a	100.00
total time per km (%)	235	34	31	n/a	100.00

**Thursday,7 Jan,2010 trip 2**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	2.63				2.63
Collected waste amount(kg)	2630				2630.00
Mileage(km)	44.2				44.20
Loading time(mm)	77				77.00
Traveling time(mm)	232				232.00
Unloading time(mm)	47				47.00
Total time(mm)	356				356.00
Collected waste amount per:					
loading time(kg/hr)	2049				2049.35
transportation time(kg/hr)	680				680.17
total time (kg/hr)	443				443.26
total time per km (kg/hr/km)	10				10.03
Collected amount ratio to average per:					
loading time(%)	100				100.00
traveling time(%)	100				100.00
total time(%)	100				100.00
total time per km (%)	100				100.00

**Friday,8 Jan,2010**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	4.49	4.87	n/a	2.71	4.02
Collected waste amount(kg)	4490	4870	n/a	2710	4023.33
Mileage(km)	30	29.7	58	53	42.68
Loading time(mm)	364	292	384	257	324.25
Traveling time(mm)	165	154	348	278	236.25
Unloading time(mm)	10	36	0	201	61.75
Total time(mm)	539	482	732	736	622.25
Collected waste amount per:					
loading time(kg/hr)	740	1001	n/a	633	791.16
transportation time(kg/hr)	1633	1897	n/a	585	1371.67
total time (kg/hr)	500	606	n/a	221	442.32
total time per km (kg/hr/km)	17	20	n/a	4	13.75
Collected amount ratio to average per:					
loading time(%)	94	126	n/a	80	100.00
traveling time(%)	119	138	n/a	43	100.00
total time(%)	113	137	n/a	50	100.00
total time per km (%)	121	148	n/a	30	100.00



**Saturday,9 Jan,2010**

Vehicle no	KAW 732Z	KAW 743Z	KPB 307	KAD 899S	Average
Collected waste amount(ton)	3.84	5.27	4.04	3.56	4.18
Collected waste amount(kg)	3840	5270	4040	3560	4177.50
Mileage(km)	53	28.8	15	63	39.95
Loading time(mm)	365	251	416	280	328.00
Traveling time(mm)	220	147	18	288	168.25
Unloading time(mm)	6	18	130	186	85.00
Total time(mm)	591	416	684	754	611.25
Collected waste amount per:					
loading time(kg/hr)	631	1260	583	763	809.14
transportation time(kg/hr)	1047	2151	13467	742	4351.66
total time (kg/hr)	390	760	354	283	446.90
total time per km (kg/hr/km)	7	26	24	4	15.47
Collected amount ratio to average per:					
loading time(%)	78	156	72	94	100.00
traveling time(%)	24	49	309	17	100.00
total time(%)	87	170	79	63	100.00
total time per km (%)	48	171	153	29	100.00

**Monday,11 Jan,2010**

Vehicle no	KAM 019E	KAM 906Z	KWD 632	KAC 088J	Average
Collected waste amount(ton)	n/a		n/a	5.39	5.39
Collected waste amount(kg)	n/a		n/a	5390	5390.00
Mileage(km)	28		37	39.9	34.97
Loading time(mm)	316		214	283	271.00
Traveling time(mm)	292		438	143	291.00
Unloading time(mm)	0		0	6	2.00
Total time(mm)	608		652	432	564.00
Collected waste amount per:					
loading time(kg/hr)	n/a		n/a	1143	1142.76
transportation time(kg/hr)	n/a		n/a	2262	2261.54
total time (kg/hr)	n/a		n/a	749	748.61
total time per km (kg/hr/km)	n/a		n/a	19	18.76
Collected amount ratio to average per:					
loading time(%)	n/a		n/a	100	100.00
traveling time(%)	n/a		n/a	100	100.00
total time(%)	n/a		n/a	100	100.00
total time per km (%)	n/a		n/a	100	100.00

**Tuesday,12 Jan,2010**

Vehicle no	KAM 019E	KAM 906Z	KWD 632	KAC 088J	Average
Collected waste amount(ton)	n/a	3.58	10.15	5.79	6.51
Collected waste amount(kg)	n/a	3580	10150	5790	6506.67
Mileage(km)	14	78.1	15	43.2	37.58
Loading time(mm)	189	202	0	321	178.00
Traveling time(mm)	131	253	82	144	152.50
Unloading time(mm)	84	196	161	53	123.50
Total time(mm)	404	651	243	518	454.00
Collected waste amount per:					
loading time(kg/hr)	n/a	1063	0	1082	715.20
transportation time(kg/hr)	n/a	849	7427	2413	3562.78
total time (kg/hr)	n/a	330	2506	671	1168.93
total time per km (kg/hr/km)	n/a	4	167	16	62.28
Collected amount ratio to average per:					
loading time(%)	n/a	149	0	151	100.00
traveling time(%)	n/a	24	208	68	100.00
total time(%)	n/a	28	214	57	100.00
total time per km (%)	n/a	7	268	25	100.00

**Wednesday,13 Jan,2010**

Vehicle no	KAM 019E	KAM 906Z	KWD 632	KAC 088J	Average
Collected waste amount(ton)	n/a	n/a		5.96	5.96
Collected waste amount(kg)	n/a	n/a		5960	5960.00
Mileage(km)	13	33.5		47.8	31.43
Loading time(mm)	264	268		118	216.67
Traveling time(mm)	113	185		126	141.33
Unloading time(mm)	91	8		180	93.00
Total time(mm)	468	461		424	451.00
Collected waste amount per:					
loading time(kg/hr)	n/a	n/a		3031	3030.51
transportation time(kg/hr)	n/a	n/a		2838	2838.10
total time (kg/hr)	n/a	n/a		843	843.40
total time per km (kg/hr/km)	n/a	n/a		18	17.64
Collected amount ratio to average per:					
loading time(%)	n/a	n/a		100	100.00
traveling time(%)	n/a	n/a		100	100.00
total time(%)	n/a	n/a		100	100.00
total time per km (%)	n/a	n/a		100	100.00

**Thursday,14 Jan,2010**

Vehicle no	KAM 019E	KAM 906Z	KWD 632	KAC 088J	Average
Collected waste amount(ton)	n/a	7.62			7.62
Collected waste amount(kg)	n/a	7620			7620.00
Mileage(km)	23	53.6			38.30
Loading time(mm)	324	155			239.50
Traveling time(mm)	174	178			176.00
Unloading time(mm)	0	229			114.50
Total time(mm)	498	562			530.00
Collected waste amount per:					
loading time(kg/hr)	n/a	2950			2949.68
transportation time(kg/hr)	n/a	2569			2568.54
total time (kg/hr)	n/a	814			813.52
total time per km (kg/hr/km)	n/a	15			15.18
Collected amount ratio to average per:					
loading time(%)	n/a	100			100.00
traveling time(%)	n/a	100			100.00
total time(%)	n/a	100			100.00
total time per km (%)	n/a	100			100.00

**Friday,15 Jan,2010**

Vehicle no	KAM 019E	KAM 906Z	KWD 632	KAC 088J	Average
Collected waste amount(ton)	n/a	8.05	6.69	8.05	7.60
Collected waste amount(kg)	n/a	8050	6690	8050	7596.67
Mileage(km)	12	46.4	97	39.9	48.83
Loading time(mm)	228	267	249	355	274.75
Traveling time(mm)	112	211	402	165	222.50
Unloading time(mm)	10	229	61	72	93.00
Total time(mm)	350	707	712	712	620.25
Collected waste amount per:					
loading time(kg/hr)	n/a	1809	1612	1361	1593.87
transportation time(kg/hr)	n/a	2289	999	2927	2071.63
total time (kg/hr)	n/a	683	564	678	641.77
total time per km (kg/hr/km)	n/a	15	6	17	12.51
Collected amount ratio to average per:					
loading time(%)	n/a	113	101	85	100.00
traveling time(%)	n/a	110	48	141	100.00
total time(%)	n/a	106	88	106	100.00
total time per km (%)	n/a	118	46	136	100.00

**Saturday,16 Jan,2010**

<b>Vehicle no</b>	<b>KAM 019E</b>	<b>KAM 906Z</b>	<b>KWD 632</b>	<b>KAC 088J</b>	<b>Average</b>
Collected waste amount(ton)	n/a		7.02	7.15	7.09
Collected waste amount(kg)	n/a		7020	7150	7085.00
Mileage(km)	19		66	47	44.00
Loading time(mm)	241		155	306	234.00
Traveling time(mm)	105		498	317	306.67
Unloading time(mm)	35		142	82	86.33
Total time(mm)	381		795	705	627.00
Collected waste amount per:					
loading time(kg/hr)	n/a		2717	1402	2059.69
transportation time(kg/hr)	n/a		846	1353	1099.55
total time (kg/hr)	n/a		530	609	569.16
total time per km (kg/hr/km)	n/a		8	13	10.49
Collected amount ratio to average per:					
loading time(%)	n/a		132	68	100.00
traveling time(%)	n/a		77	123	100.00
total time(%)	n/a		93	107	100.00
total time per km (%)	n/a		77	123	100.00

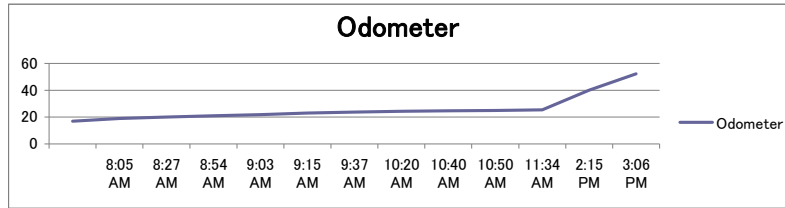
## (7) Records of Odometer

### 1) KAW 732Z

KAW 732Z

Location	Arrival	
Trip1	Time	Odometer
Garage		17
Crew		
Collection	8:05 AM	19
1st	8:27 AM	20
2nd	8:54 AM	21
3rd	9:03 AM	21.9
4th	9:15 AM	23
5th	9:37 AM	23.7
6th	10:20 AM	24.3
7th	10:40 AM	24.6
8th	10:50 AM	25
9th	11:34 AM	25.3
Dumpsite	2:15 PM	40.2
Garage	3:06 PM	52.3

4-January,2010

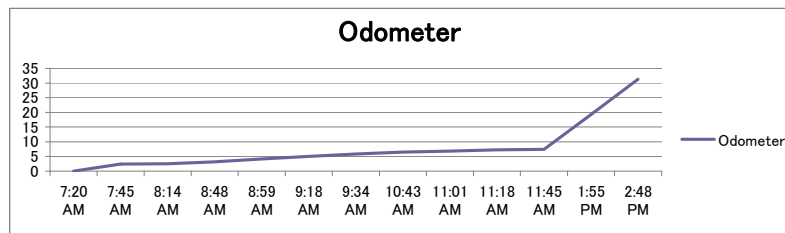


Track No 1

KAW 732Z

Location	Arrival	
Trip1	Time	Odometer
Garage	7:20 AM	0
1st	7:45 AM	2.4
2nd	8:14 AM	2.5
3rd	8:48 AM	3.2
4th	8:59 AM	4.2
5th	9:18 AM	5
6th	9:34 AM	5.8
7th	10:43 AM	6.5
8th	11:01 AM	6.8
9th	11:18 AM	7.3
10th	11:45 AM	7.4
Dumpsite	1:55 PM	19.3
Garage	2:48 PM	31.3

5-January,2010

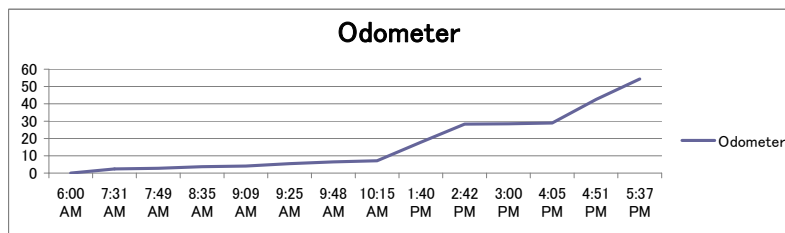


Track No 1

KAW 732Z

Location	Arrival	
Trip1	Time	Odometer
Garage	6:00 AM	0
Crew		
Collection	7:31 AM	2.5
1st	7:49 AM	2.8
2nd	8:35 AM	3.7
3rd	9:09 AM	4.1
4th	9:25 AM	5.5
5th	9:48 AM	6.5
6th	10:15 AM	7.2
Dumpsite	1:40 PM	17.8
1st	2:42 PM	28.3
2nd	3:00 PM	28.5
3rd	4:05 PM	28.9
Dumpsite	4:51 PM	42.5
Garage	5:37 PM	54.4

6-January,2010



Track No 1 KAW 732Z

Location Trip1	Arrival Time	Odometer
Garage	6:00 AM	0
1st	7:02 AM	2.2
2nd	8:13 AM	3.10
3rd	8:24 AM	3.5
4th	8:39 AM	3.8
5th	8:48 AM	4.8
6th	9:02 AM	5
7th	9:30 AM	5.9
8th	9:55 AM	6.7
Dumpsite	12:24 PM	19.1
1st	3:08 PM	34.5
2nd	4:10 PM	35.7
3rd	4:31 PM	37.2
Dumpsite	6:02 PM	50.7
Garage	7:58 PM	63.3

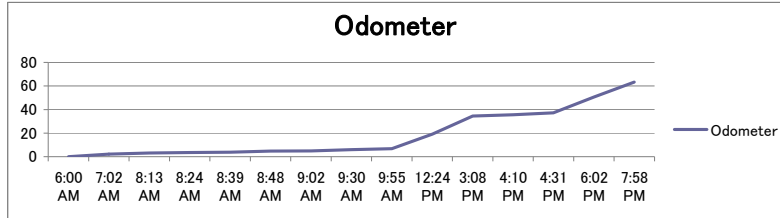
Track No 1 KAW 732Z

Location Trip1	Arrival Time	Odometer
Garage	6:50 AM	0
1st	7:15 AM	2.2
2nd	7:57 AM	2.9
3rd	8:21 AM	4.4
4th	8:42 AM	5.1
5th	9:50 AM	5.3
6th	10:12 AM	5.5
7th	10:38 AM	5.8
8th	11:07 AM	5.9
Dumpsite	3:20 PM	16.9
Garage	4:00 PM	30

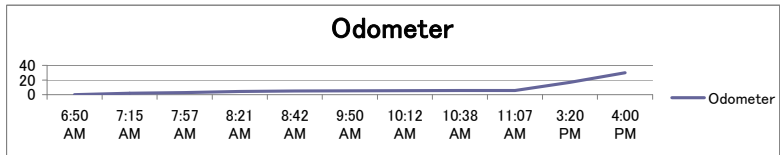
Track No 1 KAW 732Z

Location Trip1	Arrival Time	Odometer
Garage	6:50 AM	0
1st	8:19 AM	2.5
2nd	9:24 AM	8.7
3rd	9:51 AM	16.1
4th	10:26 AM	20.1
Dumpsite	5:08 PM	40.2
Garage	6:00 PM	53

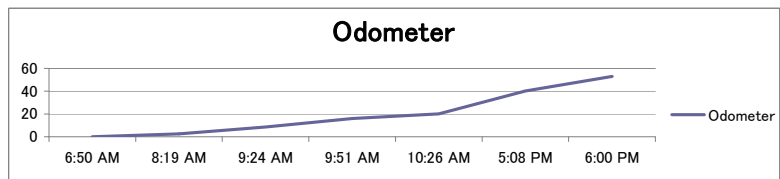
7-January,2010



8-January,2010



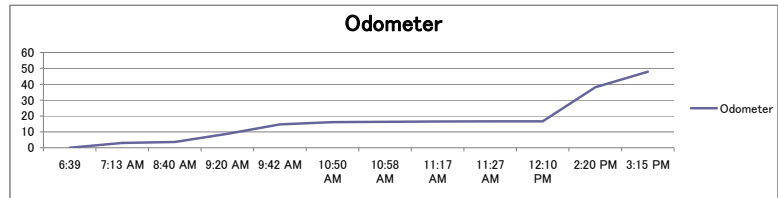
9-January,2010



## 2) KAW 743Z

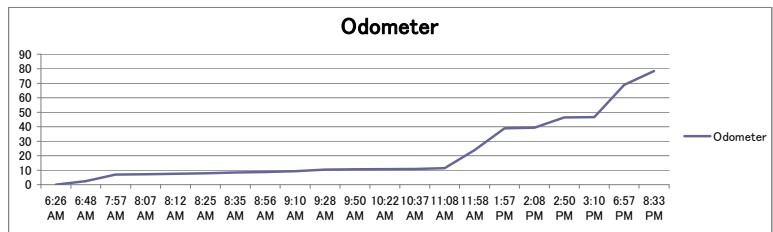
Truck no 2		KAW 743Z	
Date	Location	Arrival	Odometer
4-Jan	Garage	6:39	0
	Route assignment point	7:13 AM	3
	Gas Station	8:40 AM	3.6
	Collection point		
	allocation	9:20 AM	8.8
	1st	9:42 AM	14.8
	2nd	10:50 AM	16.1
	3rd	10:58 AM	16.3
	4th	11:17 AM	16.5
	5th	11:27 AM	16.6
	6th	12:10 PM	16.7
	Dumpsite	2:20 PM	38.1
	Garage	3:15 PM	48

4-January,2010



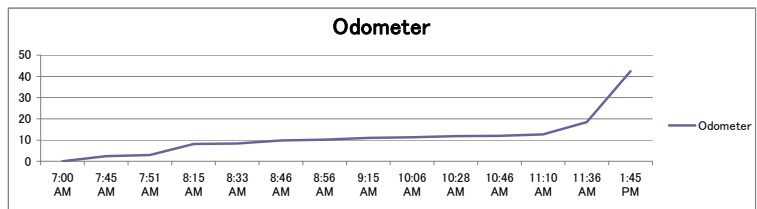
Truck no 2		KAW 743Z	
Date	Location	Arrival	Odometer
5-Jan	Garage	6:26 AM	0
	Route assignment point	6:48 AM	2.5
	Collection point		
	allocation	7:57 AM	7
	1st	8:07 AM	7.2
	2nd	8:12 AM	7.5
	3rd	8:25 AM	7.8
	4th	8:35 AM	8.4
	5th	8:56 AM	8.7
	6th	9:10 AM	9.3
	7th	9:28 AM	10.4
	8th	9:50 AM	10.6
	9th	10:22 AM	10.7
	10th	10:37 AM	10.8
	11th	11:08 AM	11.5
	Dumpsite	11:58 AM	23.9
	1st	1:57 PM	38.8
	2nd	2:08 PM	39.4
	3rd	2:50 PM	46.4
	4th	3:10 PM	46.7
	Dumpsite	6:57 PM	68.8
	Garage	8:33 PM	78.4

5-January,2010



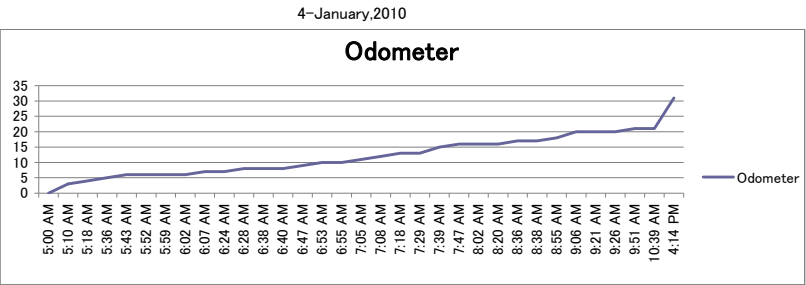
Truck no 2		KAW 743Z	
Date	Location	Arrival	Odometer
6-Jan	Garage	7:00 AM	0
	Route assignment point	7:45 AM	2.4
	Gas Station	7:51 AM	3
	1st	8:15 AM	8.2
	2nd	8:33 AM	8.4
	3rd	8:46 AM	9.8
	4th	8:56 AM	10.2
	5th	9:15 AM	11
	6th	10:06 AM	11.3
	7th	10:28 AM	11.8
	8th	10:46 AM	12
	9th	11:10 AM	12.7
	Dumpsite	11:36 AM	18.5
	Garage	1:45 PM	42.5

6-January,2010



3) KPB 307

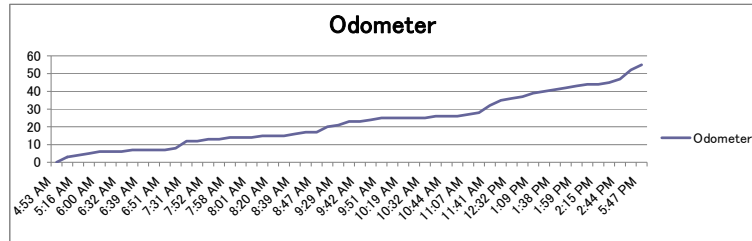
Truck no 3		KPB 307
Location	Arrival	Odometer
Trip 1	Time	
Garage	5:00 AM	0
Gas Station	5:10 AM	3
1st	5:18 AM	4
2nd	5:36 AM	5
3rd	5:43 AM	6
4th	5:52 AM	6
5th	5:59 AM	6
6th	6:02 AM	6
8th	6:07 AM	7
9th	6:24 AM	7
10th	6:28 AM	8
11th	6:38 AM	8
12th	6:40 AM	8
13th	6:47 AM	9
14th	6:53 AM	10
15th	6:55 AM	10
16th	7:05 AM	11
17th	7:08 AM	12
18th	7:18 AM	13
19th	7:29 AM	13
20th	7:39 AM	15
21st	7:47 AM	16
22nd	8:02 AM	16
23rd	8:20 AM	16
24th	8:36 AM	17
25th	8:38 AM	17
26th	8:55 AM	18
27th	9:06 AM	20
28th	9:21 AM	20
29th	9:26 AM	20
30th	9:51 AM	21
Dumpsite	10:39 AM	21
Garage	4:14 PM	31





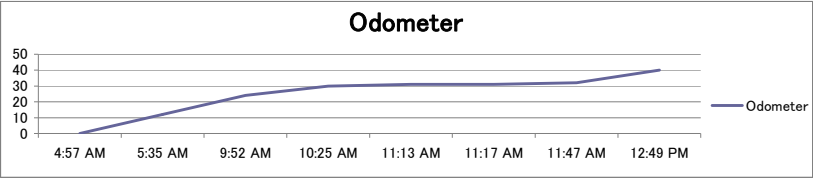
Truck no 3		KPB 307
Location	Arrival Time	Odometer
Trin 1		
Garage	4:53 AM	0
Gas Station	5:06 AM	3
1st	5:16 AM	4
2nd	5:54 AM	5
3rd	6:00 AM	6
4th	6:09 AM	6
5th	6:32 AM	6
6th	6:34 AM	7
8th	6:39 AM	7
9th	6:48 AM	7
10th	6:51 AM	7
11th	7:13 AM	8
12th	7:31 AM	12
13th	7:42 AM	12
14th	7:52 AM	13
15th	7:55 AM	13
16th	7:58 AM	14
17th	7:59 AM	14
18th	8:01 AM	14
19th	8:10 AM	15
20th	8:20 AM	15
21st	8:23 AM	15
22nd	8:39 AM	16
23rd	8:43 AM	17
24th	8:47 AM	17
25th	8:58 AM	20
26th	9:29 AM	21
27th	9:31 AM	23
28th	9:42 AM	23
29th	9:49 AM	24
30th	9:51 AM	25
31st	10:11 AM	25
32nd	10:19 AM	25
33rd	10:24 AM	25
34th	10:32 AM	25
35th	10:38 AM	26
36th	10:44 AM	26
37th	10:54 AM	26
38th	11:07 AM	27
39th	11:19 AM	28
40th	11:41 AM	32
41st	11:53 AM	35
42nd	12:32 PM	36
43rd	12:45 PM	37
44th	1:09 PM	39
45th	1:20 PM	40
46th	1:38 PM	41
47th	1:45 PM	42
48th	1:59 PM	43
49th	2:09 PM	44
50th	2:15 PM	44
51st	2:20 PM	45
52nd	2:44 PM	47
53rd	4:34 PM	52
Garage	5:47 PM	55

5-January,2010



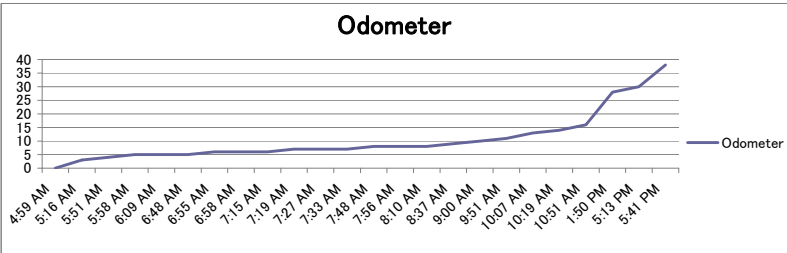
Truck no 3		KPB 307
Location	Arrival Time	Odometer
Truck 1		
Garage	4:57 AM	0
Dumposite	5:35 AM	12
Gas Station	9:52 AM	24
1st	10:25 AM	30
2nd	11:13 AM	31
3rd	11:17 AM	31
4th	11:47 AM	32
Garage	12:49 PM	40

6-January,2010



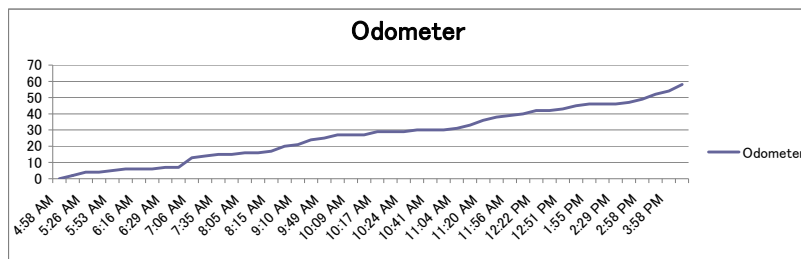
Truck no 3		KPB 307
Location	Arrival Time	Odometer
Truck 1		
Garage	4:59 AM	0
1st	5:16 AM	3
2nd	5:51 AM	4
3rd	5:58 AM	5
4th	6:09 AM	5
5th	6:48 AM	5
6th	6:55 AM	6
8th	6:58 AM	6
9th	7:15 AM	6
10th	7:19 AM	7
11th	7:27 AM	7
12th	7:33 AM	7
Gas Station	7:48 AM	8
13th	7:56 AM	8
14th	8:10 AM	8
15th	8:37 AM	9
16th	9:00 AM	10
17th	9:51 AM	11
18th	10:07 AM	13
19th	10:19 AM	14
20th	10:51 AM	16
Dumposite	1:50 PM	28
Gas Station	5:13 PM	30
Garage	5:41 PM	38

7-January,2010

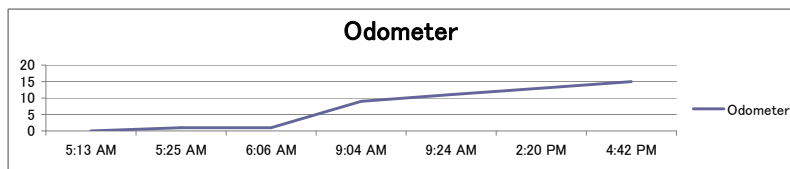


Truck no 3		KPB 307
Location	Arrival Time	Odometer
Trin 1		
Garage	4:58 AM	0
Gas Station	5:07 AM	2
1st	5:26 AM	4
2nd	5:46 AM	4
3rd	5:53 AM	5
4th	6:06 AM	6
5th	6:16 AM	6
6th	6:20 AM	6
8th	6:29 AM	7
9th	6:44 AM	7
10th	7:06 AM	13
11th	7:28 AM	14
12th	7:35 AM	15
13th	7:54 AM	15
14th	8:05 AM	16
15th	8:11 AM	16
16th	8:15 AM	17
17th	8:47 AM	20
18th	9:10 AM	21
19th	9:44 AM	24
20th	9:49 AM	25
21st	9:58 AM	27
22nd	10:09 AM	27
23rd	10:15 AM	27
24th	10:17 AM	29
25th	10:20 AM	29
26th	10:24 AM	29
27th	10:28 AM	30
28th	10:41 AM	30
29th	10:51 AM	30
30th	11:04 AM	31
31st	11:09 AM	33
32nd	11:20 AM	36
33rd	11:31 AM	38
34th	11:56 AM	39
35th	12:04 PM	40
36th	12:22 PM	42
37th	12:33 PM	42
38th	12:51 PM	43
39th	1:24 PM	45
40th	1:55 PM	46
41st	2:17 PM	46
42nd	2:29 PM	46
43rd	2:44 PM	47
44th	2:58 PM	49
Stalled	3:53 PM	52
Stalled	3:58 PM	54
Garage	5:14 PM	58
Truck no 3		KPB 307
Location	Arrival Time	Odometer
Trin 1		
Garage	5:13 AM	0
Gas Station	5:25 AM	1
Dumpsite	6:06 AM	1
Stalled	9:04 AM	9
Repairs	9:24 AM	11
Garage		
Car wash	2:20 PM	13
Garage	4:42 PM	15

8-January,2010



9-January,2010

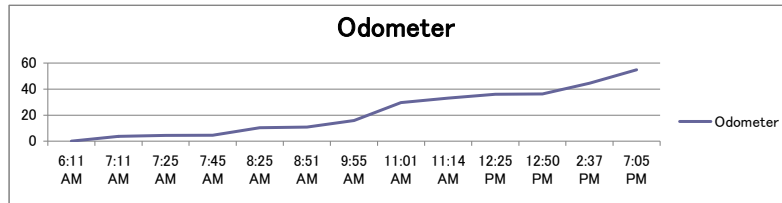


#### 4) KAB 899S

Truck no 4 KAB 899S

Location Trip 1	Arrival Time	Odometer
1st	6:11 AM	0
2nd	7:11 AM	3.8
3rd	7:25 AM	4.5
4th	7:45 AM	4.6
5th	8:25 AM	10.4
6th	8:51 AM	10.9
7th	9:55 AM	15.9
8th	11:01 AM	29.7
9th	11:14 AM	33.2
10th	12:25 PM	36.1
11th	12:50 PM	36.3
Dumpsite	2:37 PM	44.5
Garage	7:05 PM	54.8

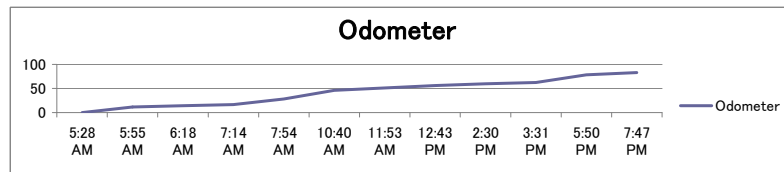
4-January,2010



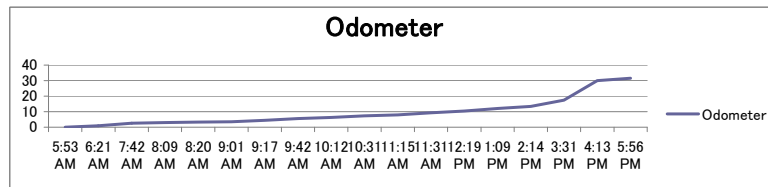
Truck no 4 KAB 899S

Location Trip 1	Arrival Time	Odometer
Garage	5:28 AM	0
1st	5:55 AM	11.6
2nd	6:18 AM	14.3
3rd	7:14 AM	16.7
Garage	7:54 AM	28.3
4th	10:40 AM	46.2
5th	11:53 AM	51
6th	12:43 PM	56.3
7th	2:30 PM	59.5
8th	3:31 PM	62.5
Dumpsite	5:50 PM	78.3
Garage	7:47 PM	83.1

5-January,2010



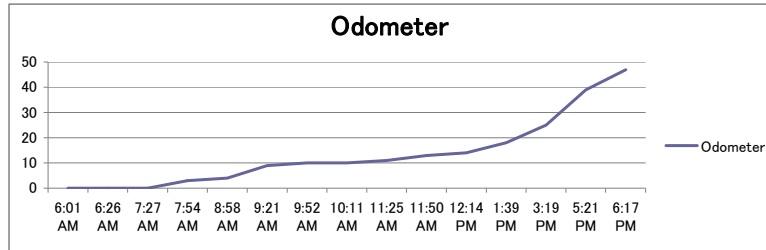
6-January,2010



Truck no 4 KAB 8995

Location Trip 1	Arrival Time	Odometer
1st	6:01 AM	0
2nd	6:26 AM	0
3rd	7:27 AM	0
4th	7:54 AM	3
5th	8:58 AM	4
6th	9:21 AM	9
7th	9:52 AM	10
8th	10:11 AM	10
9th	11:25 AM	11
10th	11:50 AM	13
11th	12:14 PM	14
12th	1:39 PM	18
13th	3:19 PM	25
Dumpsite	5:21 PM	39
Garage	6:17 PM	47

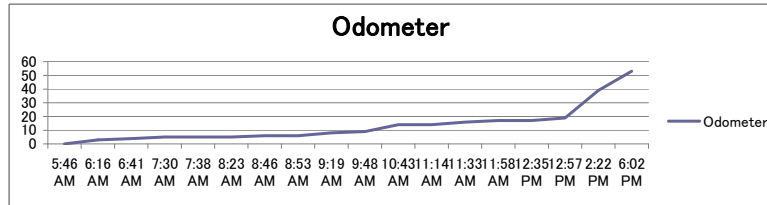
7-January,2010



Truck no 4 KAB 8995

Location Trip 1	Arrival Time	Odometer
1st	5:46 AM	0
2nd	6:16 AM	3
3rd	6:41 AM	4
4th	7:30 AM	5
5th	7:38 AM	5
6th	8:23 AM	5
7th	8:46 AM	6
8th	8:53 AM	6
9th	9:19 AM	8
10th	9:48 AM	9
11th	10:43 AM	14
12th	11:14 AM	14
13th	11:33 AM	16
14th	11:58 AM	17
15th	12:35 PM	17
16th	12:57 PM	19
Dumpsite	2:22 PM	39
Garage	6:02 PM	53

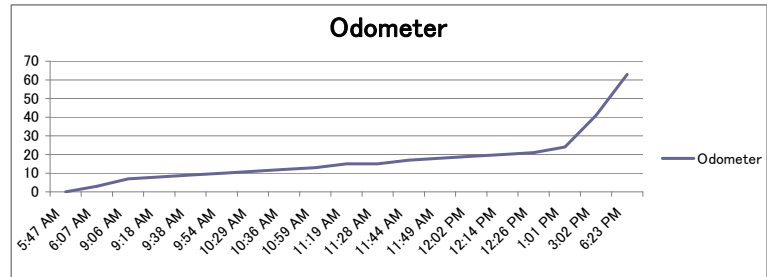
8-January,2010



Truck no 4 KAB 8995

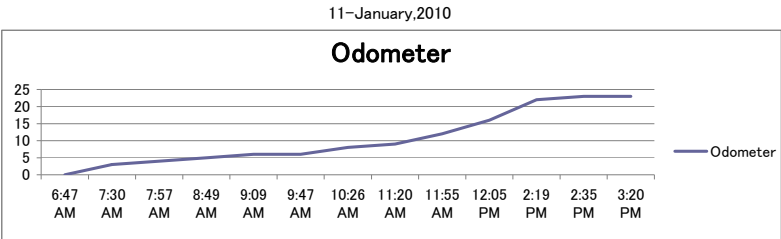
Location Trip 1	Arrival Time	Odometer
Garage	5:47 AM	0
1st	6:07 AM	3
2nd	9:06 AM	7
3rd	9:18 AM	8
4th	9:38 AM	9
5th	9:54 AM	10
6th	10:29 AM	11
7th	10:36 AM	12
8th	10:59 AM	13
9th	11:19 AM	15
10th	11:28 AM	15
11th	11:44 AM	17
12th	11:49 AM	18
13th	12:02 PM	19
14th	12:14 PM	20
15th	12:26 PM	21
16th	1:01 PM	24
Dumpsite	3:02 PM	41
Garage	6:23 PM	63

9-January, 2010

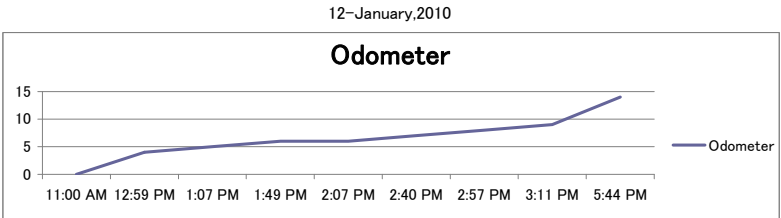


5) KAM 019E

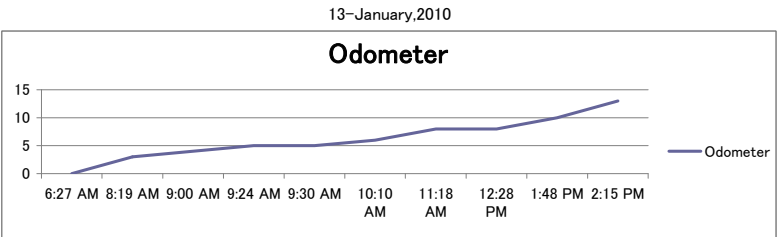
Truck 5 KAM 019 E		
Location Trip 1	Arrival Time	Odometer
Garage	6:47 AM	0
1st	7:30 AM	3
2nd	7:57 AM	4
3rd	8:49 AM	5
4th	9:09 AM	6
5th	9:47 AM	6
6th	10:26 AM	8
7th	11:20 AM	9
8th	11:55 AM	12
9th	12:05 PM	16
10th	2:19 PM	22
11th	2:35 PM	23
12th	3:20 PM	23
Garage	5:16 PM	28



Truck 5 KAM 019 E		
Location Trip 1	Arrival Time	Odometer
Garage	11:00 AM	0
1st	12:59 PM	4
2nd	1:07 PM	5
3rd	1:49 PM	6
4th	2:07 PM	6
5th	2:40 PM	7
6th	2:57 PM	8
7th	3:11 PM	9
Garage	5:44 PM	14



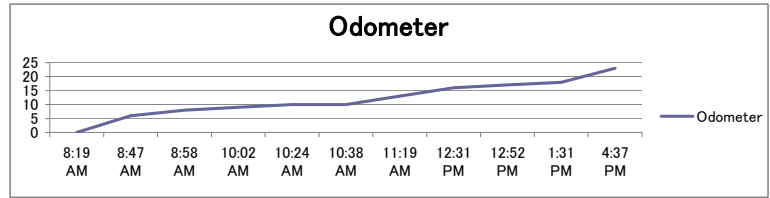
Truck 5 KAM 019 E		
Location Trip 1	Arrival Time	Odometer
Garage	6:27 AM	0
1st	8:19 AM	3
2nd	9:00 AM	4
3rd	9:24 AM	5
4th	9:30 AM	5
5th	10:10 AM	6
6th	11:18 AM	8
7th	12:28 PM	8
8th	1:48 PM	10
Garage	2:15 PM	13



Truck 5 KAM 019 E

Location Trip 1	Arrival Time	Odometer
Garage	8:19 AM	0
1st	8:47 AM	6
2nd	8:58 AM	8
3rd	10:02 AM	9
4th	10:24 AM	10
5th	10:38 AM	10
6th	11:19 AM	13
7th	12:31 PM	16
8th	12:52 PM	17
9th	1:31 PM	18
Garage	4:37 PM	23

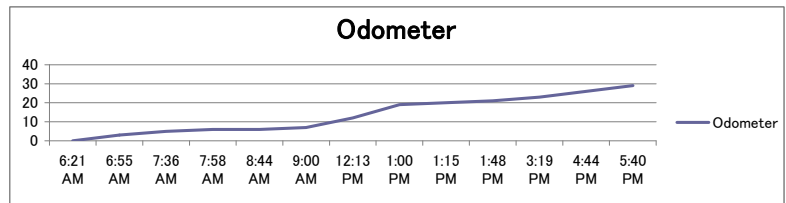
14-January,2010



Truck 5 KAM 019 E

Location Trip 1	Arrival Time	Odometer
Garage	6:21 AM	0
1st	6:55 AM	3
2nd	7:36 AM	5
3rd	7:58 AM	6
4th	8:44 AM	6
5th	9:00 AM	7
Garage	12:13 PM	12
1st	1:00 PM	19
2nd	1:15 PM	20
3rd	1:48 PM	21
4th	3:19 PM	23
5th	4:44 PM	26
Garage	5:40 PM	29

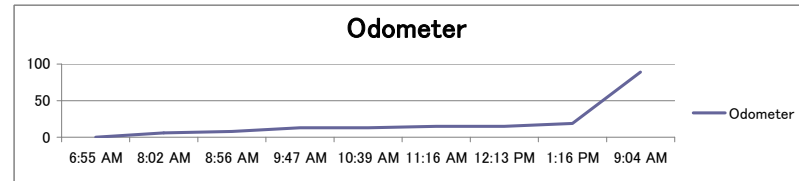
15-January,2010



Truck 5 KAM 019 E

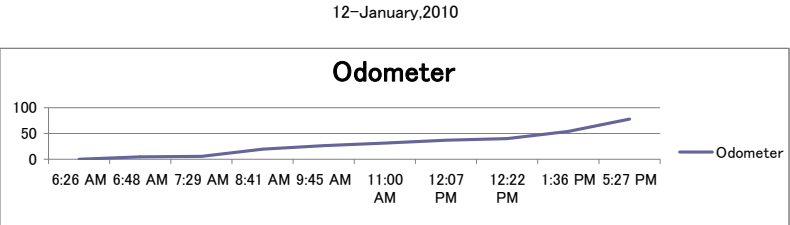
Location Trip 1	Arrival Time	Odometer
Garage	6:55 AM	0
1st	8:02 AM	6
2nd	8:56 AM	8
3rd	9:47 AM	13
4th	10:39 AM	13
5th	11:16 AM	15
6th	12:13 PM	15
Garage	1:16 PM	19
	9:04 AM	89

16-January,2010

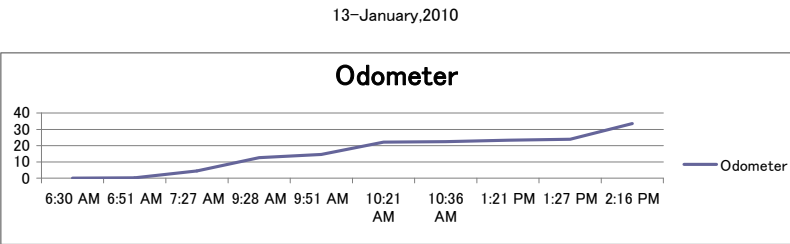


6) KAM 906Z

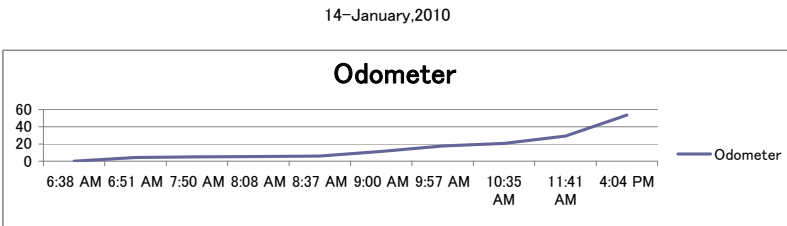
Truck no 6		KAM 906Z
Location Trip 1	Arrival Time	Odometer
Garage	6:26 AM	0
1st	6:48 AM	4.7
2nd	7:29 AM	5.5
3rd	8:41 AM	19.6
4th	9:45 AM	26.5
5th	11:00 AM	31.6
6th	12:07 PM	37
7th	12:22 PM	40.1
Dumpsite	1:36 PM	54.2
Garage	5:27 PM	78.1



Truck no 6		KAM 906Z
Location Trip 1	Arrival Time	Odometer
Garage	6:30 AM	0
1st	6:51 AM	0.2
2nd	7:27 AM	4.4
3rd	9:28 AM	12.6
4th	9:51 AM	14.6
5th	10:21 AM	22.2
6th	10:36 AM	22.4
7th	1:21 PM	23.4
8th	1:27 PM	23.9
Garage	2:16 PM	33.5



Truck no 6		KAM 906Z
Location Trip 1	Arrival Time	Odometer
Garage	6:38 AM	0
1st	6:51 AM	4.3
2nd	7:50 AM	4.9
3rd	8:08 AM	5.5
4th	8:37 AM	5.8
5th	9:00 AM	11.3
6th	9:57 AM	17.8
7th	10:35 AM	20.7
Dumpsite	11:41 AM	29.3
Garage	4:04 PM	53.6

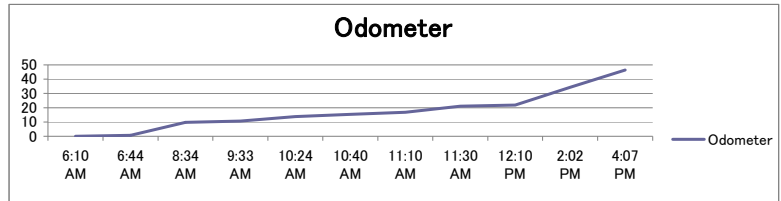




Truck no 6 KAM 906Z

Location Trip 1	Arrival Time	Odometer
Garage	6:10 AM	0
1st	6:44 AM	0.6
2nd	8:34 AM	9.8
3rd	9:33 AM	10.7
4th	10:24 AM	13.8
5th	10:40 AM	15.4
6th	11:10 AM	16.8
7th	11:30 AM	21.1
8th	12:10 PM	21.8
Dumpsite	2:02 PM	34.4
Garage	4:07 PM	46.4

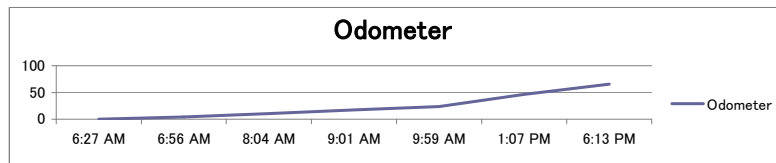
15-January,2010



Truck no 6 KAM 906Z

Location Trip 1	Arrival Time	Odometer
Garage	6:27 AM	0
1st	6:56 AM	4.3
2nd	8:04 AM	10.7
3rd	9:01 AM	17.4
4th	9:59 AM	23.7
Dumpsite	1:07 PM	46.4
Garage	6:13 PM	65.7

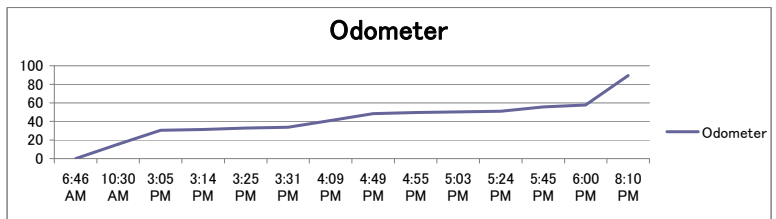
18-January,2010



Truck no 6 KAM 906Z

Location Trip 1	Arrival Time	Odometer
Garage	6:46 AM	0
Dumpsite	10:30 AM	15.6
1st	3:05 PM	30.5
2nd	3:14 PM	31.3
3rd	3:25 PM	32.9
4th	3:31 PM	33.8
5th	4:09 PM	41
6th	4:49 PM	48.3
7th	4:55 PM	49.6
8th	5:03 PM	50.5
9th	5:24 PM	51.1
10th	5:45 PM	55.7
11th	6:00 PM	57.7
Garage	8:10 PM	89.5

20-January,2010



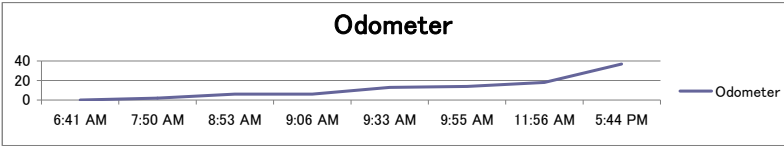
7) KWD 632

Truck 7 KWD 632		
Location	Arrival	Odometer
Trip 1	Time	
Garage	6:41 AM	0
1st	7:50 AM	2
2nd	8:53 AM	6
3rd	9:06 AM	6
4th	9:33 AM	13
5th	9:55 AM	14
6th	11:56 AM	18
Repairs garage	5:44 PM	37

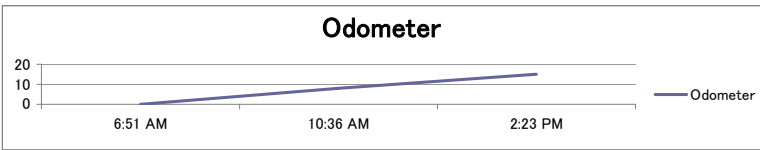
Truck 7 KWD 632		
Location	Arrival	Odometer
Trip 1	Time	
Repairs garage	6:51 AM	0
Dumpsite	10:36 AM	8
Repairs garage	2:23 PM	15

Truck 7 KWD 632		
Location	Arrival	Odometer
Trip 1	Time	
Repairs garage	6:31 AM	0
1st	8:59 AM	20
2nd	9:22 AM	21
3rd	9:42 AM	21
4th	10:35 AM	21
5th	10:53 AM	21
6th	11:07 AM	22
7th	11:25 AM	23
8th	11:35 AM	23
9th	12:00 PM	29
10th	1:42 PM	60
11th	1:59 PM	61
12th	2:18 PM	62
13th	2:23 PM	62
Dumpsite	5:52 PM	92
Garage	7:22 PM	97

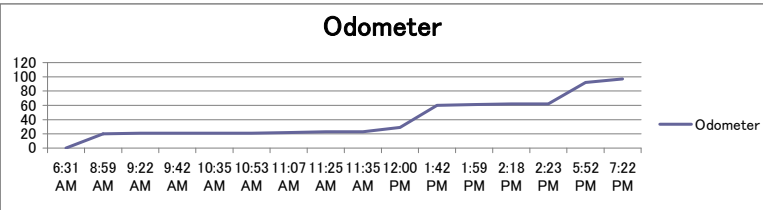
11-January,2010



12-January,2010

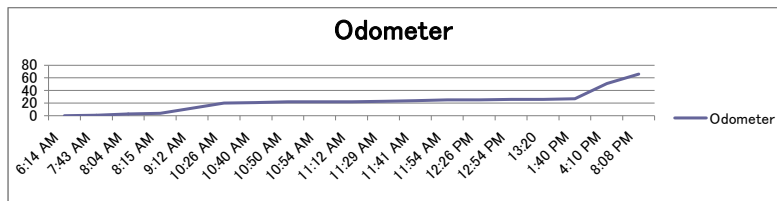


15-January,2010



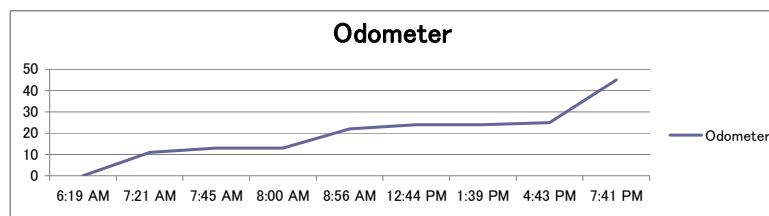
Truck 7		KWD 632
Location Trip 1	Arrival Time	Odometer
Garage	6:14 AM	0
1st	7:43 AM	1
2nd	8:04 AM	3
3rd	8:15 AM	4
4th	9:12 AM	12
5th	10:26 AM	20
6th	10:40 AM	21
7th	10:50 AM	22
8th	10:54 AM	22
9th	11:12 AM	22
10th	11:29 AM	23
11th	11:41 AM	24
12th	11:54 AM	25
13th	12:26 PM	25
14th	12:54 PM	26
15th	13:20	26
16th	1:40 PM	27
Dumpsite	4:10 PM	51
Repairs garage	8:08 PM	66

16-January,2010



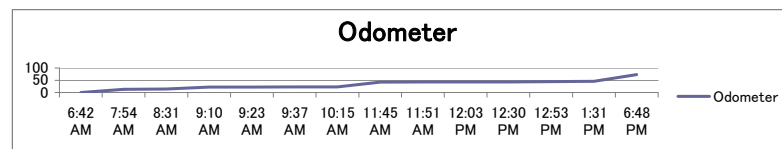
Truck 7		KWD 632
Location Trip 1	Arrival Time	Odometer
Repairs garage	6:19 AM	0
1st	7:21 AM	11
2nd	7:45 AM	13
3rd	8:00 AM	13
4th	8:56 AM	22
5th	12:44 PM	24
6th	1:39 PM	24
Dumpsite	4:43 PM	25
Garage	7:41 PM	45

18-January,2010



Truck 7		KWD 632
Location Trip 1	Arrival Time	Odometer
Garage	6:42 AM	0
1st	7:54 AM	13
2nd	8:31 AM	15
3rd	9:10 AM	22
4th	9:23 AM	22
5th	9:37 AM	23
6th	10:15 AM	23
7th	11:45 AM	42
8th	11:51 AM	43
9th	12:03 PM	43
10th	12:30 PM	43
11th	12:53 PM	45
12th	1:31 PM	46
Stalled	6:48 PM	73

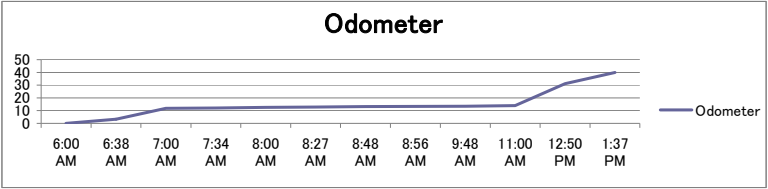
19-January,2010



8) KAC 088J

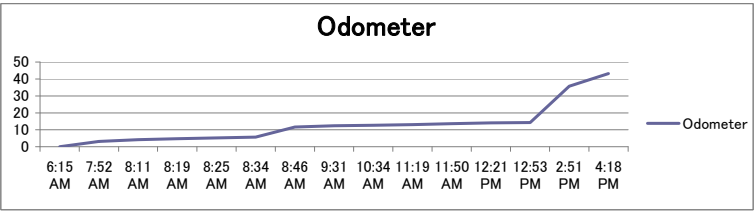
KAC 088J		
Location Trip 1	Arrival Time	Odometer
Garage	6:00 AM	0
1st	6:38 AM	3.2
2nd	7:00 AM	11.8
3rd	7:34 AM	12.2
4th	8:00 AM	12.6
5th	8:27 AM	12.8
6th	8:48 AM	13.1
7th	8:56 AM	13.3
8th	9:48 AM	13.5
9th	11:00 AM	13.9
Dumpsite	12:50 PM	31.2
Garage	1:37 PM	39.9

11-January,2010



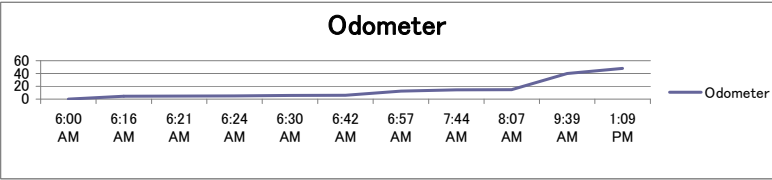
KAC 088J		
Location Trip 1	Arrival Time	Odometer
Garage	6:15 AM	0
1st	7:52 AM	3.1
2nd	8:11 AM	4.2
3rd	8:19 AM	4.8
4th	8:25 AM	5.2
5th	8:34 AM	5.7
6th	8:46 AM	11.7
7th	9:31 AM	12.5
8th	10:34 AM	12.7
9th	11:19 AM	13.1
10th	11:50 AM	13.7
11th	12:21 PM	14.1
12th	12:53 PM	14.3
Dumpsite	2:51 PM	35.8
Garage	4:18 PM	43.2

12-January,2010



KAC 088J		
Location Trip 1	Arrival Time	Odometer
Garage	6:00 AM	0
1st	6:16 AM	4.4
2nd	6:21 AM	4.8
3rd	6:24 AM	5.1
4th	6:30 AM	5.6
5th	6:42 AM	5.8
6th	6:57 AM	12.4
7th	7:44 AM	14.5
8th	8:07 AM	14.7
Dumpsite	9:39 AM	40.1
Garage	1:09 PM	47.8

13-January,2010

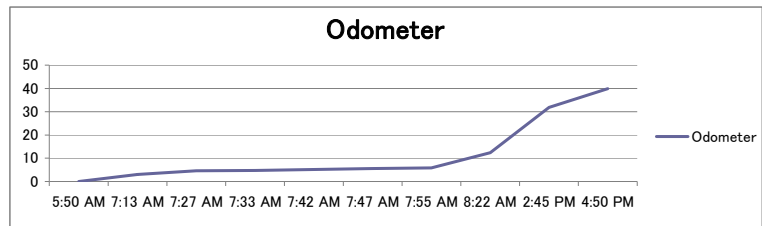


KAC O88J		
Location Trip 1	Arrival Time	Odometer
Garage	5:50 AM	0
1st	7:13 AM	3
2nd	7:27 AM	4.6
3rd	7:33 AM	4.8
4th	7:42 AM	5.2
5th	7:47 AM	5.6
6th	7:55 AM	5.8
7th	8:22 AM	12.4
Dumpsite	2:45 PM	31.9
Garage	4:50 PM	39.9

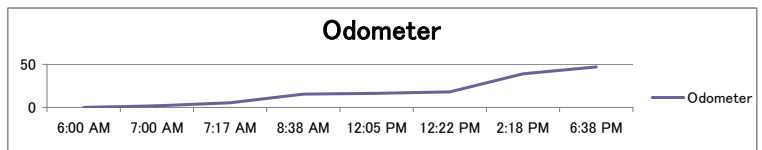
KAC O88J		
Location Trip 1	Arrival Time	Odometer
Garage	6:00 AM	0
1st	7:00 AM	1.9
2nd	7:17 AM	5.4
3rd	8:38 AM	15.6
4th	12:05 PM	16.3
5th	12:22 PM	18.2
Dumpsite	2:18 PM	39.1
Garage	6:38 PM	47

KAC O88J		
Location Trip 1	Arrival Time	Odometer
Garage	6:00 AM	0
1st	6:59 AM	3
2nd	7:23 AM	12
Dumpsite	3:12 PM	31.9
Garage	4:23 PM	39.8

15-January,2010



16-January,2010



18-January,2010

