3.4 Solid Waste Amount Survey in the Thilafushi

3.4.1 Purpose

The Thilafushi receive wastes not only from Male' but also receive wastes transported directly from resort islands, Hulhule and several inhabited islands nearby and the wastes carried from these islands are not a few amount. The survey was conducted to investigate the amount and types of wastes transported directly by Dhoni or by Barges from all the islands entering to the Thilafushi disposal site for the intention to use the survey data as one of the important elements for drawing up the improvement plan for waste disposal.

Accordingly the survey was carried out to obtain the data show as follows.

- · Daily waste amount carried in to the Thilafushi except for MCPW Barge
- · Waste amount by island during the survey period
- Major types of wastes carried in to the Thilafushi

3.4.2 Survey Period

The survey was conducted from 8 July to 11 August, 1998 and took the data for 32 days.

3.4.3 Procedures of Survey

A surveyor was assigned to stay at Thilafushi from 6:00 to 18:00 hours every day to watch the Dhoni entering to the quay. The data was taken by the items for the name of the resort island, arrival & departure times, type of vessel, nos. of crew, type of wastes, and the dimension of waste heap loaded. Types of wastes and dimension of waste amount was made by sighting the waste and hearing from the boatman.

3.4.4 Survey Data
Summary of Amount of Waste Transported Directly to Thilafushi

				Unloading	Estimated			, B	ited by the
			Bost	Time (mis.)	Weight	numbers of	trip times by	y truck in T	hilafushi)
			Arrival	-	(ton/day)				
. 1			(boat)						
, i	Day	Month Day of				No. of Times	Estimated	Balance	Ratio to the
.		the				of Houling by	Weight		estimated
.]		Week				Truck in a day	(ton/day)	1	weight by
									Dhoni (%)
1	8	7 Wed	14	43	25.13	13	26.00		97
2	9	7 Thu	6		8.35	9	18.00		
3	10	7 Fri	7	34	9.84	8	16.00		
4	11	7 Sat	9	50	32.00	10	20.00		
5	12	7 Sun	7	44	13.42	9	18.00		
6	13	7 Mon	7	53			16.00		
7	14	7 Tue	3	26			4.00		
8	15	7 Wed	8				14.00		
9	16	7 Thu	13		15.68		20.00		
10	17	7 Fri	5		5.70		6.00		
11	18	7 Sat	8			5	10.00		
12	19	7 Sun	8			•		8	
13	20	7 Mon	11	ł .	24.10			24	
14	21	7 Tue	9		16.00	12	24.00		
15	22	7 Wed	9		22.85			23	
16	23	7 Thu	5					7	
17	25	7 Sat	11					23	
18	26	7 Sun	10		1			11	
19	27	7 Mon	7					19	
20	28	1	10		18.05			18	
21	29		7		l .			9	
22	30	L .	13					11	
23 24	31	Ľ	9					9	
24 25	3		15			B.		17	
26		9	13		1	14	28.00		
27			12	1				1	
28		4	13					1	
29 29			12	b .					
30			10			1			
31	10		9				10.00	'	'"
32			13					1]
Total		· · · · · · · · · · · · · · · · · · ·	302				334	95	1,389
	imum		15						+
Aver			9						
Mini			3						
		ading Weight (t		† 	1.50		 -	 	† <u>-</u>

Waste Amount Transported to Thilafushi by Island

Survey Period: 07/July/1998 - 11/August/98

Name of Island	Nos. of Times of	Waste Amount	Waste Amount per
	Transportation	(ton)	Time (ton)
Aarab	3	2.33	0.78
Abeeru	1 1	0.26	0.26
Allaarci	1	0.78	0.78
Ariadhoo	l i	4.86	
Bahadu	2	1.75	
Bandos	12	B	2.06
Banyan Tree	1	1	
Baros	6		ľ
Boduhithi	5		1
Embudhu fiaolhu	9	5	9
	4		1
Faanody Fihaathohi	1	0.73	1
	29		
Fullmoon Fun Island	8		
	1	l	l e
Gangebi	64	i	
Hulbule	3	E .	į.
lhuru	4		
Kanifinolhu	1	1	
Kudabitbi	20		
Kudaburaa			1
Kudaveli	2		4
Kuramathi	l -		1
Kurumba	38		
Lagoona	2		
Legun	1	1	
Makunudhoo	4	1	
Muuo	1	I.	
Nakackafushi	11		4
Paanode	1		
Paradise	6		
Rangali	3		ž.
Rannalhi	1		
samaradhiyarafushi		1.46	
Sawdaady]	0.26	
Taaj Lagoon	3		4
Tailanu		2.33	
Thari Village	1	0.39	
Thulhaagiri	12	1	
Vaadhoo	ic	1	
Vabbinfaru	21	4	4
Unknown	1	1.25	0.63
Total	302	453.57	1.50

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/3uly/1998 - 10/August/98

(Sheet No.:

Estimated	9	ght	~	0.57	0.10	0.97	1.3	0.39	1.79	4.86	3.40	2.19	2.58	0.57	1.66	1.81	2.92	25.13	0.81	0.24	1.53	0.97	3.24	1.56	8.35	1.46	0.78	1.19	0.87	0.81	2.98	1.75	9.84
ار ا	waste waste	volume weight		1.89	0.32	3.24	4.46	1.30	5.95	16.20	11.34	7.29	8.60	1.89	5.53	6.05	9.72	83.77	2.70	0.81	5.10	3.24	10.80	5.18	27.84	4.86	2.59	3.97	2:92	2.70	9.92	5.83	32.79
<u>।</u> ह				2	0.5	2	2.5	1.5	3.5	33	S	3	3.5	72	3.5	₹	5		2.5	1.5	4.5	3	2.5	4		2.5	2	3.5	2	2.5	3.5	3	
od Siz	Неар	x LxHft)		7	9	10	11	8	6	20	12	15	13	7	6	8	12		80	5	7	8	20	S		12	8	7	6	8	15	12	
Stimat	Waste Heap (W	×		5	7	9	9	4	7	10	7	9	7	5	6.5	7	9		5	4	9	S	8	9		9	9	9	9	5	7	9	
	Vessel			4 Boat	3 Dhon	3 Dhoni	3 Dhoni	3 Boat	Boat	6 Dhoni	4 Dhoni	3 Dhoni	Dhoni	Dhoni	5 Dhoni	6 Boat	4 Dhoni		4 Boat	3 Dhoni	8 Boat	Dhoni	6 Dhoni	8 Boat		3 Dhoni	4 Dhoni	Boat	3 Boat	4 Dhoni	11 Dhoni	3 Dhoni	
Ng. of	Crew	(mcn)		7	3	3	3	3	9	9	4	3	9	2	5	9	4		4		8	3	9	8		3	4	4	3	4	11	3	
				efc.				etc.																									
Type of Waste				Bottle				Bottle	etc.	etc.	etc.		etc.																				
Type o				Yard	etc.	etc.	etc.	Food	pooγ	₩ood	Yard	etc.	Bottle	etc.	etc.	eľc.	etc.						etc.	etc.		etc.	etc.	etc.	etc.	etc.	ctc.	etc.	
				15 Food			30 Yard			45 Yard	存	30 Yard	60 tin cans	60 Yard	5 Yard	90 Yard	40 Wood		20 Food	15 Food	25 Wood	25 Yard	40 Yard	30 Yard		30 Yard	Yard	Yard	Yard	35 Yard	45 Yard	30 Yard	
Unloading	Time (min.)			151	20	30	S	30	50	45	45	ጽ	09	8	5	8	40	43	20	15	25	22	40	30	26	30	30	38	30	35	45	30	34
Depart.	Tume			8,	720	070	1030	1100	1000	1510	1615	1730	1130	1100	1145	1215	1300	. <u>. </u>	735	730	925	1015	1130	1400		1000	1050	1150	1445	1450	1730	1745	
Arrival	time			645	0	910	910	1030	910	1425	1530	1700	1030	1000	1100	1045	1220		715	715	006	950	1050	1330		930	1020	1115	1415	1415	1645	1715	
Name of Island				98 Fullmoon	98 Kurunba	98 Boduhithi	98 Bodunithi	98 Embudha finolha	98 Hulhule	98 Kurunba	98 Bandos	Embudhu finolhu	98 Pradise	98 Nakacha	98 Kudahuraa	98 Hulhule	98 Thulhaagiri	Average/Total	98 Fullmoon	98 Kurunba	98 Hulhule	98 Boross	98 Fun Island	98 Hulhule	Average/Total	98 Kudahuraa	98 Vadhoo	98 Hulhule	98 Baros	98 Fun Island	98 Lagoona	98 Hulhule	Average/Total
				86	88	8	8	88	8	88	88	88	88	8	86	86	88	Γ	88	86	88	86	88	88		86	88	86	98	86	88	88	
Date				7	7	-			-		~	1	-	-	-	-	_		7	~	<u></u>	1	7	L		7	-	7	7	r		7	
				8	8	8	×	80	∞	8	8	80	8	8	8	8	œ		٥	٥	٥	6	0	۵		10	10	2	10	10	S,	10	

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/July/1998 - 10/August/98

Date	ပ္	Name of Island	Arrival	Depart.	Unloading		Type of Waste	Waste	Nos. of	Type of	Estimal	CA VIZ	Estimated Size of Estimated		Estimated
٠			time	time	Time (min.)		:		dew drew	Vessel	Waste Heap (W	Heap			waste
									(men)		×	x LxHft)	volume		weight
	i i		,					-			ŀ	ŀ			- 1
		98 Kurunba	\$		3	25 Food			. "	3 Dhoni	4		7	3	0.39
11	7	98 Fullmoon	630	700	30	30 Food			7	4 Boat	S	7	2.5	2.36	0.71
11	2 98	98 Kurumba	1450	1530	40	40 Yard	etc		7	4 Dhoni	13	23	4	32.29	69.6
11	7 98	98 Embudhu finolhu	1440	1505	25	25 Yard	etc		7	2 Dhoni	9	12	2	3.89	1.17
11	36 /	98 Rangali	1315		45	45 Yard	etc		,	7 Boat	4	10	2	9.45	2.84
11	7 9	98 Kani finolhu	1125		110	110 Yard	etc		 - 	10 Dhoni	11	25	5	37.13	11.14
	36 2	98 Embudhu finolhu	1100		25	25 Yard	etc			3 Dhoni	2	8	3	4.54	1.36
11	36 6	98 Bandos	835		115	115 Yard	etc		-	3 Dhoni	9	10	4.5	7.29	2.19
11	36 6	98 Bandos	835	910	35	35 Yard	etc			3 Dhoni	9	13	4	8.42	2.53
		Average/Total			05									106.66	32.00
	7 98	98 Kurumba	710	730	20	20 Food	etc			3 Dhoni	4.5	7	1.5	1.28	0.38
12	36 /	98 Fullmoon	645		15	15 Food	ctc		4	4 Boat	5	8	2	2.16	0.65
	7 98	98 Bandos	808	026	72	72 Yard	etc		4	4 Dhoni	7	13	4	9.83	2.95
	36 4	98 Hulhule	1010	1050	\$	40 Food	Yard		-	7 Boat	12	10	4	7.56	2.27
12		98 Thulhaagiri	1100	1120	20	20 Yard		_	6	3 Dhoni	9	8	2.5	3.24	0.97
12	7 98	98 Thulhaagiri	1145	1	99	65 Yard	etc		7	2 Dhoni	9	6	2.5	3.65	1.09
12	26 2	98 Bandos	1145	L	75	75 Yard	etc		4	4 Dhoni	4	15	9	17.01	5.10
		Average/Total			44							-		44.72	13.42
13	7 98	98 Kurumba	645		55	55 Food				3 Dhoni	4	9	1.5	0.97	0.29
13	7 98	98 Fullmoon	700		15	15 Food			4	4 Boat	9	8	1.5	1.94	0.58
13	7 98	98 Hulhule	1100		30	30 Yard			?	6 Boat	2		2	2.65	0.75
13	7 98	98 Kurumba	1130		20	50 Yard			7	4 Dhoni	9	15	3.5	8.51	2.55
13	7 98	98 Hulhule	1130		170	70 Yard			νη. 	S Dhoni	S		5.5	7.43	2.23
13	7 98	98 Vabbinfaru	1415		20	20 Yard				3 Dhoni	9	8	2.5	3.24	0.97
13	7 98	98 Thulhaagin	1445	1515	30	30 Yard			?	2 Dhoni	9	7	2	2.27	99.0
		Average/Total			53						L-			27.00	8.10
14	7 98	98 Kurumba	715		15	15 Food	-		7	4 Dhoni	5	8	2)	2.16	0.65
14	7 9	98 Fullmoon	700	720	20	20 Food				3 Boat	9	10	2	3.24	0.97
14	7 9	98 Hulhule	1048	1130	42	42 Wood			·	6 Dhoni	8	10	3	6.48	1.94
	_	Assessment Assessment	_		γ¢		_				L	<u> </u>	L	00	0

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/July/1998 - 10/August/98

Date Name of Island Armval Depart Important Time (min.) Time (min.) Time (min.) Type of Waste Nos. of (men.) 7 98 Kurumba 645 700 15 Food 6 4 4 7 98 Hulline 1110 1250 20 Food 6 4 4 7 98 Hulline 1126 1215 20 Yard etc 5 8 7 98 Hulline 1126 1250 30 Yard etc 5 9 7 98 Hulline 1246 1350 38 Yard etc 5 9 7 98 Hulline 1246 1350 38 Yard etc 5 9 7 98 Enbudan finelin 1050 1140 50 Yard etc 5 9 7 98 Enbudan finelin 1030 1120 50 Yard etc 5 9 7 98 Exbadatinin 1030 1140 50 Yard etc 5 8	ì	5	(m c//)	on toy a cariod: Orly any 1990 - Adriang Large										(Sheet No.	.0. :	3)
Time Time Time (min) Crew Crew 2 2 2 2 2 2 2 2 2	"	l sig	Z	ame of Island	\vdash	Depart.	Unloading		Type of Waste	Nos.	of Type of		nted Size	Estimated Size of Estimated		Estimated
7 98 Kurumba 645 700 15 Food 700 7 98 Fullmoon 650 20 Food 7 98 Fullmoon 650 20 Food 7 98 Fullmoon 650 20 Food 20	ι				-		Time (min.)		:	arew			Wasie Heap (W	Waste	waste	
7 98 Kurumba 645 700 15 Food 7 98 Fullmoon 630 650 20 Food 7 98 Hulhule 1110 1155 20 Yard etc 7 98 Naxachafushi 1220 1250 30 Yard etc 7 98 Naxachafushi 1220 1350 30 Yard etc 7 98 Naxachafushi 1240 1350 130 Yard etc 7 98 Naxachafushi 1240 135 88 Yard etc 7 98 Rulhule 1430 1515 88 Yard etc 7 98 Rulhule 1050 1140 50 Yard etc 7 98 Roduhithi 1050 1140 50 Yard etc 7 98 Roduhithi 1350 1415 10 Yard etc 7 98 Roduhithi 1350 1120 20 Yard etc 8 Rahlulue 1125 1350 20 Yard etc 98 Boduhithi 135		:	·							(mer		×	x LxHf)	volume (m3)	weight (ton)	ă .
7 98 Fullmoon 630 650 20 Food 7 98 Hulhule 1110 1150 40 Yard etc 7 98 Makeahathashi 1220 1250 20 Yard etc 7 98 Makeahathashi 1246 1350 110 Yard etc 7 98 Vabbinfaru 1246 1350 130 Yard etc 7 98 Flauhule 1430 1515 88 Yard etc etc 7 98 Flauhule 43 20 35 Yard etc etc 7 98 Enbachu finolhu 945 20 36 Yard etc etc 7 98 Enbachu finolhu 945 20 36 Yard etc etc 7 98 Enbachu finolhu 1030 1120 50 Yard etc etc 7 98 Enbachu finolhu 1130 1150 20 Yard etc etc 7 98 Enbachu finolhu 1130 1150 yard etc etc	2	7	98 Kum	cquin	645	8	15	F000			3 Dhoni	-	Ø	<u> </u>	0.81	0.24
7 98 Hulhule 1110 1150 40 Yard etc 7 98 Makanhale 1155 1215 20 Yard etc 7 98 Makanhale 1220 1250 30 Yard etc 7 98 Wakhandhoo 1240 1350 180 Yard etc 8 Funlundoo 1240 1350 88 Yard etc 98 Funlundoo 1430 1515 88 Yard etc 7 98 Funlundoo 645 700 15 Food etc 7 98 Rodahithi 1050 1140 50 Yard etc 7 98 Rodahithi 1050 1140 50 Yard etc 7 98 Rodahithi 1050 1140 50 Yard etc 7 98 Rodahithi 1150 1150 20 Food etc 7 98 Rodahithi 1130 1140 50 Food etc 7 98 Rullmoon 1130 1215 30 Yard etc 8 Rullmoon<	15	1	98 Full	moon	6301	650	20	Food			4 Boat	5	8	2 2	2.16	0.65
7 98 Halhule 1155 1215 20 Yard etc 7 98 Nakachafushi 1220 1250 30 Yard etc 7 98 Makamudhoo 1245 1303 58 Yard etc 7 98 Halbule 1245 1303 58 Yard etc 7 98 Halbule 47 47 47 7 98 Kurumba 645 700 15 Food 645 7 98 Rurumba 845 920 35 Yard 67 7 98 Roduhithi 1050 1140 50 Yard 67 7 98 Roduhithi 1050 1120 50 Yard 67 7 98 Roduhithi 1500 1120 40 Yard 67 7 98 Boduhithi 1500 1120 40 Yard 67 7 98 Hulbule 1130 1150 20 Food 67 7 98 Hulbule 1145 1215 38 Yard 67 8 Fullmoon	151	1	158 141	hule	1110	1150	4	Yard			7 Boat	7	10	6 11	34	3.40
7 98 Nakachafushi 1220 1250 30 Yard etc 7 98 Makmudhoo 1240 1350 110 Yard etc 7 98 Vabbinfaru 1245 1303 58 Yard etc 7 98 Kurumba 645 700 15 Food etc 7 98 Enbudhu finolbu 845 920 35 Yard etc 7 98 Enbudhu finolbu 845 920 35 Yard etc 7 98 Boduhithi 1050 1140 50 Yard etc 7 98 Roduhithi 1050 1120 50 Yard etc 7 98 Roduhithi 1150 1120 50 Yard etc 7 98 Boduhithi 1150 1140 50 Yard etc 7 98 Boduhithi 1150 1150 20 Yard etc 7 98 Boduhithi 1145 1150 20 Yard etc 7 98 Boduhithi 1140 1150 20 Yard	15	1	98 Hull	hule	1155	1215	20	Yard	ctc	_	6 Dhoni	9	6	3.5	5.10	1.53
7 98 Makmudhoo 12401 13501 110 Yard etc 7 98 Vabbinfaru 1245 1303 58 Yard etc 7 98 Kurumba 645 120 15 etc 7 98 Enbudhu finolhu 845 920 35 Yard etc 7 98 Enbudhu finolhu 845 920 35 Yard etc 7 98 Enbuhithi 1050 1140 50 Yard etc 7 98 Enbuhithi 1050 1120 50 Yard etc 7 98 Enbuhithi 1150 1150 20 Yard etc 7 98 Enbuhithi 1150 1150 20 Yard etc 7 98 Enbuhuti 1145 1150 20 Yard etc 7 98 Enbuhuti 1145 1215 30 Yard etc 7 98 Enbuhuti 1145 1215 30 Yard etc 8 Fullmon 650 645 17 Yard etc	15	7	45N 86	cachafushi	1220	1250	30	Yard	ctc		3 Dhoni	7	12	3) 6	6.80	2.04
7 98 Vabbinfaru 1245 1303 58 Yard etc 7 98 Fullhule 1430 1515 85 Yard etc 7 98 Kurumba 645 700 15 Food 65 Yard 7 98 Enbudhu finolhu 845 920 35 Yard 67 Yard 7 98 Roduhithi 1050 1120 50 Yard 67 Yard 7 98 Roduhithi 1050 1120 50 Yard 67 Yard 7 98 Roduhithi 11050 1120 50 Yard 67 Yard 7 98 Boduhithi 11050 1120 50 Yard 67 Yard 7 98 Boduhithi 1115 1120 20 Food 67 Yard 7 98 Boduhithi 11140 1215 35 Yard 67 Yard 7 98 Boduhithi 1140 1215 35 Yard 67 Yard 7 98 Fullmoson 1140 1215 35 Yard 67 Yard 8 <	13	┢	98 Mai	kumudhoo	1240	1350	110	Yard	ctc		3 Dhoni	7	14		58	3.18
7 98 Fulhulte 1420 1515 85 Yard etc 7 98 Kurumbu 645 700 15 Food 645 7 98 Enbudhu finolhu 845 920 35 Yard 86 7 98 Enbudhu finolhu 845 920 35 Yard 86 7 98 Roduhithi 1050 1140 50 Yard 87 7 98 Roduhithi 1050 1120 50 Yard 87 7 98 Roduhithi 1215 1300 45 Yard 87 7 98 Roduhithi 1500 1540 40 Yard 87 7 98 Boduhithi 1500 1540 40 Yard 86 7 98 Boduhithi 1500 1540 40 Yard 86 7 98 Fullmoon 1140 150 20 Food 87 Yard 86 7 98 Fullmoon 1145 1215 130 47 41 7 98 Fullmoon 1145 1303 75 Y	15	7	98 Vab	bintaru	1245	1303	58	Yard			3 Dhoni	9	13	3 6	32	1.90
Average/Total 47 7 98 Kurumba 645 700 15 Food 7 98 Enbudhu finolhu 845 920 35 Yard 7 98 Thulhaagiri 910 1000 50 Yard 7 98 Roduhithi 1050 1140 50 Yard 7 98 Kudahithi 1030 1120 50 Yard 7 98 Wabbinfaru 1215 1300 45 Yard 7 98 Boduhithi 1500 1540 40 Yard 7 98 Boduhithi 1150 1150 20 Food 7 98 Boduhithi 1150 1150 20 Food 7 98 Boduhithi 1140 1215 35 Yard etc 7 98 Boduhithi 1140 1215 36 Yard etc 7 98 Fullmoon 1145 1215 37 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Fullmoon 650 646 <td< td=""><td>15</td><td>7</td><td>98 Ffull</td><td>hulc</td><td>1430</td><td>1515</td><td>SS</td><td>Yard</td><td>ctc</td><td></td><td>7 Boat</td><td>7</td><td>10</td><td>5 9</td><td>,45</td><td>2.84</td></td<>	15	7	98 Ffull	hulc	1430	1515	SS	Yard	ctc		7 Boat	7	10	5 9	,45	2.84
7 98 Kurumba 645 700 15 Food 7 98 Enbudhu finolhu 845 920 35 Yard 7 98 Enbudhu finolhu 1020 1140 50 Yard 7 98 Boduhithi 1020 1120 50 Yard 7 98 Kadahithi 1020 1120 50 Yard 7 98 Boduhithi 1215 1300 45 Yard 7 98 Boduhithi 1500 1540 40 Yard 7 98 Boduhithi 1130 1150 20 Food 7 98 Boduhithi 1140 1215 35 Yard etc 7 98 Enduhule 1140 1215 35 Yard etc 7 98 Hulhule 1145 1215 30 Yard etc 7 98 Kurumba 620 640 20 Food 50 Food 7 98 Fullmoon 620 640 20 Food 65 Yard 7 98 Fullmoon 1415 1520 65 Yard <	t	 	Ave	rage/Total			47				-			52	52.57	15.77
7 98 Enbudhu finolhu 845 920 35 Yard 7 98 Thulhaagiri 910 1000 50 Yard 7 98 Boduhithi 1030 1120 50 Yard 7 98 Kudahithi 1030 1120 50 Yard 7 98 Boduhithi 1235 1415 100 Yard 7 98 Boduhithi 1500 1540 40 Yard 7 98 Enbudhu finolhu 1115 1130 15 Yard etc 7 98 Enbudhu finolhu 1140 1215 36 Yard etc 7 98 Fullmoon 1140 1215 36 Yard etc 7 98 Huhule 1215 1300 45 Yard etc 7 98 Hulhule 620 640 20 Food 20 Food 7 98 Fullmoon 620 640 20 Food 20 Food 7 98 Fullmoon 620 640 20 Food 20 Food 7 98 Fullmoon 1415 1520	19	F	98 Kur	umba	845	8	15	F.00d		-	3 Dhoni	5	7	2 1	88	0.57
7 98 Thulhaagiri 910 1000 50 Yard 7 98 Kudahithi 1050 1120 50 Yard 7 98 Wabbinfaru 1215 1300 45 Yard 7 98 Wabbinfaru 1215 1415 100 Yard 7 98 Boduhithi 1500 1540 40 Yard 7 98 Boduhithi 1130 1150 20 Food 7 98 Boduhithi 1130 115 20 Food 7 98 Fullmoon 1140 1215 35 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Fullmoon 620 640 20 Food 7 7 98 Fullmoon 620 640 20 Food 7 98 Fullmoon 620 6	36	7	98 Enb	udlou finollyn	845	920	35	Yard			3 Boat	6.5	8		4.21	1.26
7 98 Boduhithi 1050 1140 50 Yard 7 98 Kudahithi 1030 1120 50 Yard 7 98 Hulhule 1235 1415 100 Yard 7 98 Boduhithi 1500 1540 40 Yard 7 98 Boduhithi 1150 1540 40 Yard 7 98 Bulmoon 1130 1150 20 Food 7 98 Hulhule 1140 1215 35 Yard etc 7 98 Hulhule 1145 1215 30 Yard wood 7 98 Hulhule 1215 30 Yard wood 7 98 Hulhule 1215 30 Yard etc 8 Wurumba 620 640 20 Food 7 98 Fullmoon 620 640 20 Food 7 98 Fullmoon 620 640 20 Food 7 98 Fullmoon 620 640 20 Food 7 98 Hulhule 1415 1520 <td< td=""><td>18</td><td>1</td><td>98 Thu</td><td>Ilhaagiri</td><td>910</td><td>100</td><td>50</td><td>Yard</td><td></td><td></td><td>3 Dhoni</td><td>9</td><td>1</td><td></td><td>24</td><td>0.97</td></td<>	18	1	98 Thu	Ilhaagiri	910	100	50	Yard			3 Dhoni	9	1		24	0.97
7 98 Kudahithi 1030 1120 50 Yard 1215 1300 45 Yard 1215 1300 45 Yard 1215 1300 45 Yard 1215 1415 100 Yard 1215 1215 1415 100 Yard 1215	छू	 	98 Bod	luhithi	1050	1140	50	Yard			2 Dhoni	9	٥		5.83	1.75
7 98 Vabbinfaru 1215 1300 45 Yard 7 98 Hulhule 1235 1415 100 Yard 7 98 Boduhithi 1500 1540 40 Yard 8 7 98 Enbudhu finolhu 1115 1130 15 Yard 9ctc 7 98 Fullmoon 1140 1215 35 Yard 9ctc 7 98 Hulhule 1145 1215 30 Yard 4cc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Kurumba 630 645 15 Food 6cc 7 98 Kurumba 620 640 20 Food 7cod 7 98 Kurumba 915 1030 75 Yard 7cod 7 98 Hulhule 1415 1520 65 Yard 7cod 7cod 7 98 Hulhule 1415 1520 67 Yard 7cod 7cod 7cod 7cod 7cod 7cod 7cod 7cod 7cod	16	2	98 Kuo	lahithi	1030	1120	50	Yard			2 Dhoni	9	8	3	68"	1.17
7 98 Hulhule 1235 1415 100 Yard 7 98 Boduhithi 1115 1130 15 Yard 15 Yard 7 98 Fullmoon 1130 1150 20 Food 15 Yard 7 98 Hulhule 1145 1215 35 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Kurumba 630 645 15 Food 640 7 98 Fullmoon 620 640 20 Food 670 7 98 Fullmol 1415 1520 65 Yard 65 Yard 7 98 Fullmol 1525 1640 75 Yard 67 Yard 7 98 Hulhule 1415 1520 65 Yard 67 Yard 7 98 Hulhule 1415 1520 65 Yard 67 Yard 7 98 Hulhule 1525 1640 75 Yard 67 Yard	18	1	98 Vab	binfaru	1215	1300	45	Yard			2 Dhoni	9			68.	1.17
7 98 Boduhithi 1500 1540 40 Yard 15 Ya	91	1	98 Hul	hule	1235	1415	100	Yard			5 Dhoni	6	7		8	0.85
7 98 Enbudhu finolhu 1115 1130 15 Yard 1150 20 Food 1150 1150 20 Food 1150 1150 20 Food 1150 <t< td=""><td>16</td><td>7</td><td>98 Bod</td><td>luhithi</td><td>1500</td><td>1540</td><td>4</td><td>Yard</td><td></td><td></td><td>3 Dhoni</td><td>9</td><td>8</td><td></td><td>4.54</td><td>136</td></t<>	16	7	98 Bod	luhithi	1500	1540	4	Yard			3 Dhoni	9	8		4.54	136
7 98 Fullmoon 1130 1150 20 Food 7 98 Nakachafushi 1146 1215 35 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Fullmoon 620 645 15 Food 7 98 Fullmoon 620 640 20 Food 7 98 Fullmol 915 1030 75 Yard 7 98 Hulhule 1415 1520 65 Yard 7 98 Hulhule 1415 1520 65 Yard 7 98 Hulhule 1525 1640 75 Yard 8 7 98 Thulhulagiri 1525 1640 75 Yard	16	F	98 Enb	udhu finolhu	1115	1130	15	Yard			2 Dhoni	9	6	3	4.37	1.31
7 98 Nakachafushi 1140 1215 35 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Kurumba 630 645 15 Food etc 7 98 Fullmoon 620 640 20 Food etc 7 98 Fullmul 915 1030 75 Yard etc 7 98 Hulhule 1415 1520 65 Yard etc 7 98 Hulhule 1525 1640 75 Yard etc 7 98 Hulhulhaggiri 1525 1640 75 Yard etc	91	1	98 Full	lmoon	1130		20	Food			6 Boat	9			7.27	0.68
7 98 Hulhule 1145 1215 30 Yard Wood 7 98 Hulhule 1215 1300 45 Yard etc 7 98 Kurumba 630 645 15 Food 7 98 Fullmoon 620 640 20 Food 7 98 Vabbinfaru 915 1030 75 Yard 7 98 Hulhule 1415 1520 65 Yard 7 98 Hulhagiri 1525 1640 75 Yard 8 Averaç/Joial 50	16	7	98 Nak	kachafushi	1140		35	Yard	etc		5 Dhoni	7	12		7.94	2.38
7 98 Hulhule 1215 1300 45 Yard etc 7 98 Kurumba 630 645 15 Food 620 640 20 Food 7 98 Vabbinfaru 915 1030 75 Yard 65 Yard 65 Yard 65 Yard 7 98 Hulhule 1415 1520 65 Yard 65 Yard 65 Yard 7 98 Thulhaagiri 1525 1640 75 Yard 66	16	7	98 Hul	hule	1145	Ì	30	Yard	Wood		2 Dhoni	6			76.	1.19
Average/Total 41 7 98 Kurumba 630 645 15 Food 7 98 Fullmoon 620 640 20 Food 7 98 Vabbinfaru 915 1030 75 Yard 7 98 Hulhale 1415 1520 65 Yard 7 98 Thulhaagari 1525 1640 75 Yard Averac/Total 50 50 50	91	1	98 Hul	hule	1215	1300	45	Yard	etc		3 Dhoni	9	7	6	64.	1.02
7 98 Kurumba 630 645 15 Food 7 98 Fullmoon 620 640 20 Food 7 98 Vabbinfaru 915 1030 75 Yard 7 98 Hulbale 1415 1520 65 Yard 7 98 Thulbaagari 1525 1640 75 Yard Averas/Total 50 50	H	H	¥	rage/Total			41					-		52	52.27	15.68
7 98 Fullmoon 620 640 20 Food 7 98 Vabbinfaru 915 1030 75 Yard 7 98 Hulhule 1415 1520 65 Yard 7 98 Thulhaagari 1525 1640 75 Yard Averac/Total 50	17	7	98 Kur	numba	059	645	15	Food			4 Dhoni	9	7		2.27	0.68
7 98 Vabbinfaru 915 1030 75 Yard 7 98 Hulhule 1415 1520 65 Yard 7 98 Thulhaagari 1525 1640 75 Yard Averas/Total 50	17	1	98 Full	lmoon	929		20	Food			3 Boat	6			2.59	0.78
7 98 Hulhule 1415 1520 65 Yard 7 98 Thulhaagiri 1525 1640 75 Yard Averac/Total 50 50	17	7	98 Vat	pointaru	915		75	Yard			3 Dhoni	6	30	2.5	4.05	1.22
7 98 Thulhaagiri 1525 1640 75 Yard Averac/Total 50	17	7	98 Hul	hule	1415		65	Yard			7 Boat	7			6.05	1.81
Tr.	17	7	98 Thu	ılhaagiri	1525	1640	7.5	Yard			4 Dhoni	9	읽	2.5	4.05	1.22
		T	Ave	rrag/Total			S							15	19.01	5.70

Result of Survey on Direct Hauling Waste to Thilasushi Survey Period 07/fuly/1998 - 10/August/98

10/August/98	
•	
07/July/1998	
Period:	
Survey	

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Date	250	Name of Island	_		Undosding		Type of Waste	(Wasto	Jo sou	Type of		え で 1000 に	Ze Ol Z	ğ	Lamated
			fune	Ę	Time (min.)				CTEN	V essel		Waste Heap (W			waste
: -					,				(men)		×	x LxK#)		2	weight
. :														(m3)	(ton)
 	ړ	98 Fullmoon	630	848		15 Food				4 Roat	8	१	7	1.62	
 	1	OS Kummba	82	L		20 Food				3 Daoai	S	-	1.5	1.42	0.43
2	1_	OS Natachatushi	1045	ľ		30 Yard				4 Dhoni	0	30	25	3.24	0.0
2 2	, 1	OR Vahhafage	0,0			35 Yard				3 Dhoni	٥	ទ្ធ	۴,	4.86	1.4
2 2	-	OK Hulbule	1115	1220		65 Yard	į	-		7 Boat	*	2	4	8,64	2.5
91	1	Os Fudahusa	345			45 Yard				3 Dhoni	-	ដ	3	6.80	2.0
9 9	1	Og Vastasha	3131	ı		May 05			-	6 Dhoni	122	23	15.	24.95	7.48
	L	No Warnana	1000	1						, D. P. C.	-	٤	ŗ	5 67	1.7
138	, ,	98 Barous	1350	\$ 150 m		Yard		1		7 Cuons	+	1	1	20.0	71.61
		Average/Total									1	1	†	37.75	
6.	2 14	98 Kurumba	915	630		15 Food				3 Dhom	5.5	٦	- 1	2.08	
<u>6.</u>	Ļ	98 Fullmoos	635			25 Yard			_	4 Boat	9	0	2.5	2.43	
ē	Ļ	9X Hulbule	1115			30 Food	Yard	_	-	6 Boat	1	×	4	6.05	
ě	,	ON Kudahuraa	1135	}		25 Yard			 -	3 Dhoni	9	8	2	2.59	0.78
ŀ	1	OxiVadhoo	1250			30 Yand		_		4 Dhom	9	8	77	18.1	0.58
ē	ļ	Ox Vahhinfam	1250	1320		30 Yard			_	2 Dhom	77	×	2.5	3.78	1.1
ē	ì	Og Thu lhan an	1300	1.		45 Yam				5 Dhoni	9	7	8.4	7.94	2.3
2 9	L	OS L'udahuma	1615			25 Yam				3 Dboni	3.	7		0.95	0.25
+	+	Assessment Appeal							 - 	-			-	27.76	8,33
-	-	Owner Services	V.Y	339		25 Food				3 Boat	٠,	॰	64	1.62	0.49
واد	Л.	ox ox	01.9			15 Food			-	4 Dhons	Š	~	1	1.89	0.57
ŀ		OP IT. B.L.	1100			Sond	Yam			6 Boat	-	×	_	6.07	2.72
ļ	L	98 Fmbudhn finollin	0,11			40 Yard				3 Dhoni	,	12	3	7.94	2.3
ļ	L	OK Eng Yelend	0.4.	ı		\ Fe'\				3 Dhoa	9	ž	2	2.59	0.7
	T	An Fut Land	3061	ı))			-	Chon	┞	14	l	78	2.3
1		vs Lagona		١						217	Ž	7	۴	202	000
ᆰ	-	98 Fun Island	0.0	١		40 Yard	\downarrow	1		and Color	1	3			
힖	-	98 Kunumba		ı		Vard		†		mour o	1	3		İ	
õ	7	98 Rannalhi	1455	- 1		45 Yard		1		Dhoni	-	1	•	26.0	2,1
6	, 14	98 Embudha finolbu	1455	Į		So Yard	_			3 Dhon	9	- 1	۳.	١	
0	7	98 Kudahuma	1450			85 Yard				3 Dhons	,	2	-	١	
-	-	Average/Total			4.5					-	_			80.34	
12	2	98 Kuramba	029	059		20 Food			_	3 Dhoni	6	7.		•	
17	-	98 Fullmoon	645	200		15 Food				4 Boat	v.	°	~		
1	-	98 Huthule	006			10 Food	Yard			7 Boat	7	8			
둙	-	98 Kudaburaa	1125	l		35 Yard				3-Dhoai	4	14	3.5	9.26	2.78
1	-	98 Thulbanian	1140	1215		35 Yard		_		3 Dhoni	9	01	4	6.48	1 94
ŧ	-	98 Ariadhoo	1200	•		15 Yard	Tincans			5 Dhoni	8	33	w,	16.20	4.86
٦	-	98 Aarah	1346	1		90 Wood	_			15 Dhon	7	8	1.5	2.27	0.68
Ę	1	36	16.30	1700		30 Yard			_	3 Boat	9	7	7		7 0.68
;	ŀ	OX Canashi	1500			10 Yard	-	-		10 Boat	°	°	3	3.89	71.17
;	†	A County of					-				-	L		53.33	
1	$\frac{1}{2}$	/vverspe/1 ora									$\left\{ \right.$				l

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/July/1998 - 10/August/98

Sheet No.:

Date Name of Eland Arrival Deput. Unlooding Important Composition Type of Waster Nose of Type of Master (Type of Waster (Type of Wa																	
1 1 1 1 1 1 1 1 1 1	Ç	ite	Name of Island			Unloading		Type of	Waste			Type of	Estimat	ed Size	of Estimat		nated
1 28 Kurumba 120 13 15 15 15 15 15 15 15	•	ì				Time (min.)		:		<u>=</u> _		Vessel	Waste	Heap (V waste		U
7 98 Fullmon 700 715 15 Food 15 Food </td <td></td> <td>(mem)</td> <td></td> <td>х Ч</td> <td>xHt)</td> <td>volume</td> <td>weig</td> <td>Ä</td>											(mem)		х Ч	xHt)	volume	weig	Ä
7 98 Karutanba 700 715 15 Food 15 Food 122 122 7 98 Karutanba 700 715 15 Food 40 Yard 40 Yard 41 Deboni 6 10 21 128 7 98 Karutinohu 590 1300 201 Yard 112 Boat 10 25 5 33.75 1 7 98 Karutinohu 590 1300 201 Yard 121 Boat 10 25 5 33.75 1 7 98 Karutinohu 500 200 Yard 112 Boat 10 25 5 3.75 1 7 98 Walescentral 1320 1350 20 Yard 112 2 3.89 7.75 1 25 7.75 7.75 1 2.75 1 2.75 1 2.75 1 2.75 1 2.75 1 2.75 1 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 <td></td> <td>•</td> <td>(m3)</td> <td>(ton)</td> <td></td>														•	(m3)	(ton)	
7 98 Fullmoon 720 750 30 Food 4 Boat 4 Boat 5 7 2 1.89 7 98 Vaadshoo 1050 1300 20 Yard 12 Boat 10 25 5 3.489 7 98 Vaadshoo 1050 1300 210 Yard 10 11 2 1.89 7 98 Vaadshoo 1150 1300 20 Yard 46 10 1 14 3 7.94 7 98 Vaacchettshii 1130 1300 30 Yard 40 1	23	L	3 Kurumba	7007			Food				3	Dhoni	5			.22	0.36
7 98 Vandhoo 1050 1130 4.8 Vandhoo 3 Dhoni 6 10 25 33-75 13 4.86 7 98 Kantimohu 950 1300 210 Yard 12 Boat 10 12 25 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 1 2 33-75 13 1 2 33-75 13 1 2 33-75 13 2 33-75 13 2 33-75 13 2 33-75 13 2 33-75 13 3 33-75 13 3 33-75 13 3 33-75 13 3 33-75 13 3 33-75 13 3 33-75 13 3	22	<u></u>	3 Fullmoon	720		30	Food				4	Boat	5	7		.89	0.57
7 98 Kamifnolhu 920 1300 210 Yard 11 1303 48 Yard 12 12 25 53.75 1 4 7 13 2.5 7.09 7 98 Naturathor 1120 30 Yard 80 Damestic 1100 120 2.5 7.09 7 98 Naturathor 1220 1300 30 Yard 80 Damestic 10 Damestic	23	1_	3 Vaadhoo	1050		8	Yard				3	Dhoni	9	10		98.	1.46
7 98 Thulhhangpir 1115 1203 48 Yard 99 Thulhhangpir 7 14 3 7.94 7 98 Nakeckaftschie 1130 1200 30 Yard 8 120 3.0 7.09 7.00 3.0 7.00 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.0 7.00 3.00	23		3 Kanifinolbu	930			Yard				12	Boat	101	25	(5)	.75	10.13
7 58 Nakackeftskin 1130 1200 30 Yacd 4 Dbori 7 15 2.5 7.09 7 58 Nakackeftskin 1320 1300 30 Yacd 4 Dbori 6 12 2 3.59 7 58 Nakebinfaru 1325 1355 30 Yacd 6 12 2 3.59 7 58 Baros 1400 1450 10 Domestic 7 Dhoni 6 12 3 5.83 7 58 Baros 1042 1100 40 Domestic 10 Domestic 10 Domi 10 S 3.5 4.05 7 58 Baros 1042 1100 23 Domestic 4 Dhoni 10 S 3.5 4.05 7 58 Baros 1310 1340 35 Domestic 4 Dhoni 10 S 3.5 4.05 8 Baros 175 30 Domestic 10 Domestic 10 Domestic 4 Dhoni 10 S 3.24 9 S Barodes 175 30 Domestic 10 Domestic 10 Domestic 4 Dhoni 10 S 3.5<	22		3 Thulhaagini	1115			Yard				3	Dhoni	7	14		94	2.38
7 58 [Vabbinfann 1250 1300 30 Yard 3 Dboni 6 12 3.88 7 98 [Aakunudhoo 1355 30 Yard 4 Dboni 6 12 3.88 7 98 [Authole 1450 1450 100 Domestic 7 Dboni 6 12 3.88 7 98 [Authole 935 1015 40 Domestic 7 Dboni 10 5 3.40 7 98 [Authole 1043 1130 8 Domestic 10 8 Laboni 10 10 10 10 10 10<	23		3 Nakackafushi	1130	l	30	Yard				4	Dhoni	7			<u>6</u> 0.	2.13
7 98 Maleumuchoo 1325 1355 1355 30 Yard 4 Dhoni 6 12 3 9.72 7 98 Barces 1400 1450 10 Yard 6 12 3 4.01 7 98 Barces 1400 1450 1015 40 Domestic 7 70 Domi 10 5 3 4.05 7 98 Barces 1042 1110 28 Domestic 51 Domi 10 8 2.5 6.48 7 98 Barces 1042 110 28 Domestic 51 Domi 10 8 2.5 6.48 7 98 Barces 100 11 28 Domestic 51 Domi 10 8 2.5 6.48 7 98 Barces 11 12 12 12 1.0 1.2 1.30 1.2 1.30 1.40 1.2 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.30	22	L	3 Vabbinfaru	1230	L.		Yard				3	Dhoni	9	12		68.	1.17
7 98 Baros 1400 1450 <t< td=""><td>22</td><td>L</td><td>3 Makunudhoo</td><td>1325</td><td></td><td></td><td>Yard</td><td></td><td></td><td></td><td>4</td><td>Dhoni</td><td>8</td><td>15</td><td>-</td><td>22.</td><td>2.92</td></t<>	22	L	3 Makunudhoo	1325			Yard				4	Dhoni	8	15	-	22.	2.92
Average/Total 49 40 Average/Total 49 75.18 2 7 98 Hullule 935 1015 40 Domestic 5 Dhoni 10 5 3 4.05 7 98 Hullule 1043 1130 47 Trees Domestic 5 Dhoni 10 8 2.5 6.48 7 98 Naradafise 1043 1110 28 Domestic 5 Dhoni 10 8 2.5 1.50 7 98 Naradafise 1310 134 37 Trees Domestic 4 Dhoni 0 4 2.5 1.62 7 98 Muun 700 715 15 Domestic 10 Domestic 4 Dhoni 0 4 2.5 1.62 7 98 Rundoss 715 32 Steel Plant Timber Domestic 4 Dhoni 10 8 3.2,40 7 98 Rundous 1314 1314 32 Domestic 10 Dhoni 11 8 3 4.05 7 98	3	L	3 Baros	1400		12	Yard					Dhoni	9	12		.83	1.75
7 98 Hulbule 925 1015 40 Domestic Forestic 7 Dhoni 10 5 3 4.05 7 98 Hulbule 1042 1130 47 Trees Domestic 5 Dhoni 10 8 2.5 5.40 7 98 Banyan Tree 1252 1300 8 Domestic 3 Dhoni 12 8 2.5 6.48 7 98 Banyan Tree 1252 1300 8 Domestic 4 Dhoni 10 8 2.5 6.48 7 98 Banyan Tree 1252 1300 Domestic 4 Dhoni 6 4 2.5 1.62 7 98 Bandos 715 30 Domestic 10 Domestic 4 Dhoni 6 4 2.5 1.62 7 98 Bandos 715 807 52 Steel Plant 7 Dhoni 10 4 2.5 1.62 7 98 Bandos 715 34 Domestic 10 Domestic 10 Domestic 10 Domestic 10 Domestic 10 Domestic			Average/Total			49						1			76	81.	22.85
7 98 Innut 1042 1130 47 Trees Domestic 5 Dhoni 12 8 2.5 5.40 7 98 Banyan Tree 1042 1110 28 Domestic 5 Dhoni 12 8 2.5 6.48 7 98 Banyan Tree 1252 1300 8 Domestic 4 Dhoni 10 8 2.5 6.48 7 98 Banyan Tree 1320 1347 37 Trees Domestic 4 Dhoni 10 8 2.3.71 7 98 Banyas 715 807 52 Steel Plant 4 Dhoni 6 4 2.5 1.30 7 98 Budos 715 807 52 Steel Plant 7 Dhoni 6 2 4 5 1.30 7 98 Ruhulue 1121 134 34 Domestic 10 Domestic 6 Dhoni 10 Domestic 10 Domestic 10 Domestic 10 Domestic 10 Domestic 10 Domestic 10 Dhoni 10 Dhoni 10 Dhoni 10 D	23	L	3 Hulhule	935		3	Domestic				7	Dhoni	10			.05	1.22
7 98 Paradise 1042 1110 28 Domestic 5 Dhoni 12 8 2.5 6.48 7 98 Banyan Tree 1252 1300 8 Domestic 4 Dhoni 10 8 2.5 1.30 7 98 Banyan Tree 1310 1347 37 Trees Domestic 4 Dhoni 4 Dhoni 6 2 1.30 7 98 Muun 700 715 12 Domestic 1.40 4 Dhoni 6 4 Dhoni 6 4 Dhoni 6 4 Dhoni 6 4 Dhoni 7 S.3 98 Rumanathi 715 80 32 Domestic 10 Domestic	23	L	3 Dour	1043			Trees	Domestic			5	Dhoni	10			.40	1.62
7 98 Banyan Tree 1252 1300 8 Domestic A Domestic 4 Dhoni 4 6 2 1.30 7 98 Nakachafushi 1310 1347 37 Trees Domestic 4 Dhoni 10 8 3 6.48 7 98 Muun 700 715 12 Domestic 4 Dhoni 6 4 2.5 1.62 7 98 Bandoss 715 807 52 Steel Plant 7 Domestic 4 Dhoni 6 4 2.5 1.30 7 98 Ruzmanthi 715 807 52 Steel Plant 7 Domestic 1.20 2.5 4.05 7 98 Ruzmanthi 1.312 3.4 Domestic 2 Dhoni 1.2 4.05 3.83 7 98 Rangali 1.314 1.355 2.1 Trees 2 Dhoni 6 2.5 4.05 3.83 7 98 Rangali 1.314 1.355 2.1 Trees Domestic 1.0 Dhoni 1.0 B 3.7 4.05 7 98 Rurumba 1.445 1.545 6 Trees	53	L	3 Paradise	1042	l		Domestic				5	Dhoni	12			,48	1.94
7 98 Nakachafushi 1310 1347 37 Trees Domestic 4 Dhoni 10 8 3 6.48 7 98 Muun 700 715 15 Domestic 4 Dhoni 6 7 7 98 Muun 7 98 Bandos 7 134 725 10 Domestic 10 Domestic <td< td=""><td>83</td><td>L</td><td>8 Banyan Tree</td><td>1252</td><td></td><td></td><td>Domestic</td><td></td><td></td><td></td><td>3</td><td>Dhoni</td><td>4</td><td>9</td><td></td><td>.30</td><td>0.39</td></td<>	83	L	8 Banyan Tree	1252			Domestic				3	Dhoni	4	9		.30	0.39
Average/Total 32 Average/Total 4 Dhoni 6 4 Dhoni 6 4 2.5 1.62 7 98 Muun 715 725 10 Domestic 4 Dhoni 6 4 2.5 1.62 7 98 Kurumathi 715 37 Sitel Plant Timber Domestic 3 Barge 30 10 4 32.40 7 98 Kurumathi 715 34 Domestic 8 Barge 30 10 4 32.40 7 98 Kurumathi 1134 34 Domestic 3 Barge 30 10 4 32.40 7 98 Kurumathi 1312 17 Trees 21 Trees 21 Trees 21 Trees 21 Domestic 3 Dhoni 12 8 3 5.83 7 98 Rulhule 1418 1443 25 Domestic 3 Dhoni 10 6 3 5.83 7 98 Kurumba 1445 1545 60 Trees Domestic 5 Dhoni 10 6 3 7.78 7 98 Hulhule 1500 1520	23	L	8 Nakachafushi	1310		m	Trees	Domestic			4	Dhoni	10	8		.48	1.94
7 98 Muun 700 715 15 Domestic 4 Dhoni 6 4 2.5 1.62 7 98 Bandos 715 725 10 Domestic 4 Dhoni 6 4 2 1.30 7 98 Kuramathi 715 807 52 Steel Plant Timber Domestic 3 Barge 30 10 4 2.5 4.05 7 98 Hulhule 1134 34 Domestic 2 Dhoni 12 Dhoni 12 Steel 12 Steel<	-	L	Average/Total			32									23	.71	7.11
7 98 Bandos 715 725 10 Domestic Plant Timber Domestic 4 Dhoni 6 Dhoni 4 Dhoni<	x	L	8 Muun	8			Domestic				4	Dhoni	9	_		.62	0.49
7 98 Kuramathi 715 807 52 Steel Plant Timber Domestic 3 Barge 30 10 4 32.40 7 98 Kudahuraa 1215 1314 1334 24 Domestic 2 Dhoni 12 Dhoni 12 State 3 State 7 98 Kangali 1314 1335 21 Trees 21 Trees 2 Dhoni 2 Dhoni 12 State 3 State 7 98 Kangali 1418 1443 25 Domestic 3 Dhoni 12 State 3 Dhoni 12 State 3 State 7 98 Kurumba 1445 1545 60 Trees Domestic 5 Dhoni 12 State 3 State 3 Dhoni 4 State	25	7 9	3 Bandos	715			Domestic				4	Dhoni	9	4		.30	0.39
7 98 Hulhule 1130 1134 34 Domestic 6 Dhoni 10 6 2.5 4.05 7 98 Kudahuraa 1215 1312 57 Domestic 2 Dhoni 12 6 3 5.83 7 98 Rangali 1316 1417 61 Domestic 3 Dhoni 12 8 3 7.78 7 98 Hulhule 1448 1443 25 Domestic 7 Dhoni 10 6 3 4.86 7 98 Kurumba 1445 1545 60 Trees Domestic 5 Dhoni 4 4 2 0.86 7 98 Hulhule 1500 1525 25 Domestic 5 Dhoni 4 4 2 0.86 7 98 Hulhule 1500 1525 25 Domestic 5 Dhoni 4 4 2 0.86 7 98 Hulhule 1500 1520 30 Trees Domestic 5 Dhoni 4 4 2 0.86 7 98 Mak	52	L	3 Kuramathi	715		52	Steel		Timber	Domestic	3	Barge	30	10	()	8	9.72
7 98 Rungalis 1215 1312 57 Domestic 2 Dhoni 12 6 3 5.83 7 98 Rangalis 1314 1335 21 Trees 4 Dhoni 6 8 3 5.78 7 98 Rangalis 1418 1443 25 Domestic 7 Dhoni 10 6 3 4.86 7 98 Runmba 1445 1545 60 Trees Domestic 5 Dhoni 12 8 3 7.78 7 98 Hulhule 1500 1525 25 Domestic 5 Dhoni 4 4 2 0.86 7 98 Hulhule 1500 1525 25 Domestic 5 Dhoni 4 4 2 0.86 7 98 Makunvdhoo 1500 1530 30 Trees Domestic 5 Dhoni 12 8 3 7.78 7 98 Makunvdhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78	25	L	3 Hulhule	1100		34	Domestic				9	Dhoni	10			50.	1.22
7 98 Rangali 1314 1335 21 Trees 4 Dhoni 6 8 3 3.89 7 98 Tailanu 1316 1417 61 Domestic 3 Dhoni 12 8 3 7.78 7 98 Hulhule 1445 1545 60 Trees Domestic 5 Dhoni 12 8 3 7.78 7 98 Hulhule 1500 1525 25 Domestic 5 Dhoni 4 2 0.36 7 98 Makunudhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78 7 98 Makunudhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78 7 98 Makunudhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78 8 Average/Total 35 8 1 78.14 1 1 78.14	25		S Kudahuraa	1215			Domestic 1				2	Dhoni	12	٥		.83	1.75
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7 98 Hulhule 1418 1445 25 Domestic Domestic 7 Dhoni 10 6 3 4.86 7 98 Kurumba 1445 1545 60 Trees Domestic 5 Dhoni 12 8 3 7.78 7 98 Hulhule 1500 1520 30 Trees Domestic 5 Dhoni 4 4 2 0.86 7 98 Makumudhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78 Avverage/Total 35 3 7.78 78.14 78.14	25		S Tailanu	1316			Domestic				S	Dhoni	12	8		.78	2.33
7 98 Kurumba 1445 1545 60 Trees Domestic S Dhoni 12 8 3 7.78 7 98 Hulhule 1500 1525 25 Domestic S Dhoni 4 4 2 0.36 7 98 Makunvdhoo 1500 1530 30 Trees Domestic 3 Dhoni 12 8 3 7.78 Avverage/Total 35 78.14 78.14 78.14	25	Ĺ	3 Hulhule	1418		25	Domestic				7	Dhoni	10	9		86	1.46
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7 98 Makunudhoo 1500 1530 30 Trees Domestic 31Dhoni 12 8 3 7.78 Average/Total 35 35 78.14 78.14	য়	L	S Hulhule	1500		25	Domestic				5	Dhoni	4	4		98.	0.26
35 78.14	52	Ŀ	S Maleunudhoo	1500		36	Trees	Domestic			3	Dhoni	12	8		.78	2.33
	ŀ	-	Average/Total			33									7.8	3.14	23,44

Result of Survey on Direct Hauling Waste to Thilafushi

Survey Period: 07/July/1998 - 10/August/98

(Sheet No.:

1			_	1	772 122 252		Tr a. 11/2222	-	No. 26 17	30 000	Derimo	S. C. 7.	Derimated Size of Berimated	Detimated
Date		DIRECTIO STITEL	<u> </u>	- Charle	Cincacuity		Sign in Sign	•	5	2 2 2 2		4		
			time	time	Time (min.)			<u>.</u>	Gew .	Vesse	Waste	Waste Heap (W	N waste	waste
									(mem)		X L	x LxHft)	volume	weight
								<u> </u>					(m3)	(ton)
L	7 98	98 Kurumba	202	12	15	Domestic			4 1	4 Dhoni	9	4	2 1.30	
56	L	98 Fullmoon	705	725	23	20 Domestic			3 [3 Dhoni	8	4	2.5 2.16	5 0.65
	7 98	98 Kudahuraa	1014			21 Trees			31	3 Dhoni	12	9	3 5.83	3 1.75
	2 98	98 samaradhiyarafushi	1054	J		16 Domestic			41	4 Dhoni	10	9	3 4,86	1.46
	7 98	98 Paradise	1100	1105					3/1	3 Dhoni	4	4	2 0.86	5 0.26
26	7 98	98 Hulhule	1107			33 Domestic			7 1	7 Dhoni	8	9	4 5.18	3 1.56
	7 98	98 Vabbinfaru	1250				Domestic		2 1	2 Dhoni	10	6 2	2.5 4.05	5 1.22
	7 98	98 Thari Village	1312	1320		stic			118	5 Dhoni	9	4	2 1.30	0.39
26	7 98	98 Faanody	1322	l	6		Domestic		1 8	Ohoni	8	5	4.32	
	7 98	98 Kurumba	1430	l		30 Trees	Domestic		6	6 Dhoni	12	10 2	2.5 8.10	2.43
L		Average/Total							_				37.9	5 11.39
	86 2	98 Fullmoon	009			15 Domestic			3 1	3 Dhoni	5	4	2 1.08	3 0.32
27	86 4	98 Kurimba	710			26 Domestic			4 [4 Dhoni	8	9	2 2.59	9 0.78
	2 98	98 Kuramathi	710			44 Domestic			2 1	2 Barge	40	10	4	
	86 /	98 Hulhule	1120			32 Domestic		_	9	6 Dhoni	8	9	3 3.89	1.17
	2 98	98 Kudahuraa	1204	ľ		S6 Trees	Domestic		5 [5 Dhoni	10	9	3 4.86	1.46
	2 98	98 Vabbinfaru	1250			30 Domestic			2/1	2 Dhoni	8	9	3,89	71.17
27	7 98	98 Fun Island	1321	1345		24 Domestic			311	3 Dhoni	9	9	3 2.92	78.0
		Average/Total											62.42	18.73
	36 4	98 Fullmoon	009			Domestic		_	4 [4 Dhoni	9	4	2 1.30	
28	7 98	98 Kurumba	815	825		10 Domestic			4 I	4 Dhoni	9	6 2	2.5 2.43	
	7 98	98 Faanodiy	925			25 Trees	Domestic		3/1	3 Dhoni	9	5		3 0.73
	2 98	98 Kuramathi	1015			67 Steel	Domestic		211	2 Barge	40	12	3 38.88	3 11.66
	2 98	98 Hulhule	1125			25 Domestic			7 1	7 Dhoni	18	9	4 5.18	1.56
	86 4	98 Nakachafushi	1230				Domestic		311	3 Dhoni	8	5	2 2.1	5) 0.65
	86 2	98 Kudahuraa	1325	1434			Domestic		2/1	2 Dhoni	8	9	3 3.89	71.17
	7 98	98 Paradisc	1410			5 Domestic			31	3 Dhoni	4	4	2 0.86	5 0.26
28	2 98	98 Taaj Lagoon	1515			10 Domestic			311	3 Dhoni	8	4 2	2.5 2.16	5 0.65
	2 98	98 Sawdaady	1635	16		8 Domestic			2 1	2 Dhoni	4	4	2 0.86	5 0.26
		Average/Total			27								60.16	5 18.05

Result of Survey on Direct Hauling Waste to Thilafushi

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Figure F	1		Mame of Island	American	Densit	Toloschor		Type of Waste	aste	Nos. of	Type of		ed Size	Estimated Size of Estimated	Estimated	5
7. 98 Fallimeon 600 620 20 Domestic 11 Barolous	1		WITH TO WITH THE		time	Time (min.)				Crew			Jeap (W	x waste		
Page Full moon Coto Co										(men)		ž	HH	volume	weight	
7 98 Fallimoon 600 620 20 Donestie 4 Dhoni 6 4.25 1.62 7 98 Kaurumha 500 105 105 105 10 1.25 1.62 7 98 Kaurumha 1300 1400 150 10 1.25 1.62 7 98 Kaurumha 1300 120 10 10 1.25 1.25 7 98 Kaurumha 1300 120 10 10 1.25 1.25 7 98 Kaurumha 1320 10 10 1.25 1.30 1.30 7 98 Kaurumha 150 1.20 1.20 1.20 1.30 1.20 1.30 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>· ·</th> <th></th> <th></th> <th></th> <th>(m3)</th> <th>(ton)</th> <th></th>										· ·				(m3)	(ton)	
7 98 Krummba 650 705 15 Donestic 1 Bange 10 5 2 1,62 7 98 Krummba 1,200 1,400 1,400 60 1,100	L		Fullmoon	8	L		Domestic				3 Dhoni	9	i I		12	0.43
7 98 Kaniffnohu 1300 1400 60 Timber Domestic 1300 1200 8 6 1200 7 98 Kaniffnohu 1312 1142 132 61 Domestic 4 Domestic 8 6 3 3.24 7 98 Kalabaidaru 1120 1325 61 Domestic 4 Domestic 4 Domestic 8 6 4 2 1.30 7 98 Kalamaci 1325 1410 45 Domestic 2 Domestic 8 6 4 2 1.50 8.51 7 98 Kalamaci 1002 1105 20 Domestic 8 6 4 2 1.50 8.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 1.50 9.51 <td< td=""><td></td><td>L</td><td>Kurumba</td><td>650</td><td>L</td><td></td><td>Domestic</td><td></td><td></td><td></td><td>4 Dhoni</td><td>9</td><td>5</td><td></td><td>22</td><td>\$</td></td<>		L	Kurumba	650	L		Domestic				4 Dhoni	9	5		22	\$
7 98 Huhlube 1115 1147 32 Domestie 6 Dhoni 8 6 3 3.59 7 98 Kodaveti 1124 61 Domestie 4 2 Dhoni 8 6 4 2 Jack 7 98 Kodaveti 1124 1320 70 Domestie 2 Dhoni 6 4 2 Jack 7 98 Fannodiv 1325 1310 45 Trees Domestie 4 2 Dhoni 6 4 2 Jack 7 98 Fannodiv 1325 150 Domestie 2 Dhoni 6 4 2 Jack 7 98 Kalmano 1305 135 Domestie 150 Domestie 150 Dhoni 6 4 2 Jack 7 98 Kalmano 1305 130 Domestie 150 Dhoni 6 2 Jack 150 Dhoni 6 150 Dhoni 6 150 Dhoni 150 Dhoni 150 Dhoni 150 Dhoni 150 Dhoni<		L	Kanifinolhu	1300			Timber	Domestic		ĭ	1 Barge	10	8		9	3.89
7 98 Kodaveli 1124 1225 61 Domestic 4 Dhooi 8 5 3 324 7 98 Vodaveli 1120 1320 45 Domestic 2 Domestic 2 Domestic 2 Domestic 2 Domestic 2 Domestic 2 Domestic 4 Domestic 5 Domes		L	Hulhule	1115		32	Domestic	-			6 Dhoni	8	9		<u>s</u>	1.17
7 98 Vasbirfuru 1250 1320 45 Trees Domestic 2 Dhoni 6 4 2 1.30 7 98 Ranodiy 1325 1410 45 Trees Domestic 2 Dhoni 6 4 2 1.30 7 98 Rulincon 600 620 20 Domestic 6 4 2 1.50 7 98 Rulincon 605 620 20 Domestic 6 4 2 1.50 7 98 Rulincon 605 620 20 Domestic 6 1.30 1.50 7 98 Rulincon 1005 105 105 1.00	L	<u> </u>	Kudaveli	1124	l		Domestic				4 Dhoni	8	v		8	0.97
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7 98 Fullmoon 650 620 20 Domestic 4 Doors 7 Doors 1 Domestic 3 Doors 3 Doors 4 Doors 4 Doors 4 Doors 4 Doors 1 Doors 4	-	L	Average/Total		•									363		8.94
7 98 Kurumbs 635 650 15 Domestic 3 Dhoni 6 4 2 130 7 98 Bandos 705 725 20 Domestic 5 Domestic 5 Dhoni 6 4 2 130 7 98 Bandos 705 1105 1105 1105 100mestic 6 Dhoni 6 4 2 150 7 98 Bandos 1035 1055 20 Domestic 6 Dhoni 6 4 2.5 1.62 7 98 Rackaru 1110 1200 50 Trees Domestic 2 Dhoni 7 6 2 2.16 7 98 Rackaru 1153 1157 4 Trees Domestic 2 Dhoni 10 6 4 2.5 1.62 7 98 Radameri 1550 1455 15 Trees Domestic 5 Dhoni 10 6 4 2.5 1.65 7 98 Radameri 1600 1615 15 Trees Domestic 2 Dh		_	Fullmoon	8			Domestic				4 Dhoni	4	4			ន្ត
7 98 Bandos 705 725 20 Domestic 5 Dhoi 6 5 2 1.62 7 98 Hablule 1032 1055 33 Domestic 6 Dhoi 6 Dhoi 6 3 3.89 7 98 Hablule 1005 1055 30 Domestic 6 Dhoi 6 2.5 1.62 7 98 Kadahuraa 1100 1135 35 Trees Domestic 2 Dhoi 6 2.5 1.62 7 98 Rudahuraa 1110 1200 50 Trees Domestic 2 Dhoi 6 2.5 1.6 7 98 Rudahuraa 1150 1255 57 Trees Domestic 2 Dhoi 1.0 1.7 8.8 7 98 Rudahura 1600 1615 15 Trees Domestic 5 Dhoi 6 2 S Dhoi 7.8 7 98 Lagimen 1600 1615 15 Trees Domestic 10 Dhoi		L	Kurumba	635			Domestic				3 Dhoni	9	4			0.39
7 98 Huhhule 1032 1165 33 Domestic 9 Domestic 3 Donestic 3 Donestic 3 Donestic 3 Donestic 4 Lo. 2 Lo. 3 S. 7 98 Huhul 1100 1135 33 Trees Domestic 6 Dhoni 6 Donestic 6 Donestic 6 Donestic 2 Donestic 2 Donestic 2 Donestic 2 Donestic 3 Donestic 4 Lo. 2 Lo. 3 Lo. 7 98 Allaureri 1553 157 4 Trees Domestic 3 Donestic 3 Donestic 3 Donestic 3 Donestic 4 Lo. 2 Lo. 3 Lo.	30,	88	Bandos	705			Domestic				5 Dhoni	9	\$		52	O,450
7 98 Naadhoo 1035 1055 20 Donestic 6 Dhoni 6 4 2.5 1.62 1.62 7 98 Rudahura 1100 1135 35 Trees Donestic 4 Dhoni 7 6 3 3.40 7 98 Rudahura 1110 1200 50 Trees Donestic 3 Dhoni 10 6 3 3.40 7 98 Rudahura 1153 1255 57 Trees Donestic 5 Dhoni 10 6 3 4.86 7 98 Rudahura 1153 1255 57 Trees Donestic 5 Dhoni 10 6 3 4.86 7 98 Rudharei 1560 1555 15 Trees Donestic 5 Dhoni 6 8 2 2.59 7 98 Abbirdaru 1615 15 Trees Donestic 3 Dhoni 6 4 2.5 1.62 7 98 Rudhude 100 20 Donestic 20 Donestic 3 Dhoni 6 4 2.5 1.80 7 98 Rudhude 1332 1400 25 Donestic 20 Donestic 3 Dhoni 6 4 2.5 1.30 7 98 Rudhude 1	l	L	Huhule	1032	l .		Domestic				3 Dhomi	8			36	1.17
7 98 Inuru 1100 1135 35 Trees Domestic 4 Dhoni 7 6 3 3.40 7 98 Kudahuraa 1110 1200 50 Trees Domestic 2 Dhoni 8 5 2 2.16 7 98 Abeeru 1153 1157 7 Trees Domestic 3 Dhoni 10 6 2 2.06 7 98 Aberras 1354 1455 61 Trees Domestic 3 Dhoni 12 8 3 4.08 7 98 Alaurei 1500 1615 15 Trees Domestic 3 Dhoni 6 8 2 2.59 7 98 Vabbirfaru 1613 1622 9 Domestic 3 Dhoni 6 4 4 2 0.26 7 98 Vabbirfaru 1600 1615 15 Trees Domestic 3 Dhoni 4 4 2 0.26 7 98 Kullihiloo 650 655 25 Domestic 3 Dhoni 4	8	8	Vaadhoo	1035			Domestic				6 Dhoni	9			22	8
7 98 Kudahuraa 1110 1200 50 Trees Domestie 2 Dhooi 4 4 2 Dob 7 98 Abeeru 1153 1157 4 Timber Box 3 Dhooi 10 6 3 A86 7 98 Abeeru 1158 1255 57 Trees Domestie 3 Dhooi 10 6 3 A86 7 98 Alaarei 1550 1655 1578 Domestie 3 Dhooi 12 2.59 7 98 Taaj-Lagoon 1600 1615 16 Domestie 3 Dhooi 6 4 2.5 1.02 7 98 Taaj-Lagoon 1600 1615 15 Domestie 3 Dhooi 6 4 2.5 1.02 7 98 Taaj-Lagoon 600 620 20 Domestie 2 Dhooi 4 4 2.5 1.08 7 98 Kullmole 1108 1134 134 134 134 134 2.5 1.08 7 98 Kunmish 1400 165 </td <td>ι<u>,</u></td> <td>288</td> <td>Thuru</td> <td>118</td> <td></td> <td></td> <td>Trees</td> <td>Domestic</td> <td></td> <td></td> <td>4 Dhoni</td> <td>7</td> <td>9</td> <td></td> <td>ପ୍ଥ</td> <td>3</td>	ι <u>,</u>	288	Thuru	118			Trees	Domestic			4 Dhoni	7	9		ପ୍ଥ	3
7 98 Abcertu 1153 1157 4 Timber Box 3 Diboni 4 4 2 0.86 7 98 Thulhaagiri 1158 1255 57 Trees Domestic 3 Diboni 10 6 3 4.86 7 98 Baros 1354 1455 61 Trees Domestic 5 Diboni 6 3 4.86 7 98 Allaarei 1500 1555 15 Trees Domestic 2 Diboni 6 4 2.5 1.78 7 98 Allaniarei 1600 1600 1600 1600 20 Domestic 2 Diboni 4 2.5 1.08 7 98 Kurunba 630 655 25 Domestic 8 Dhoni 4 4 2.5 1.08 7 98 Kurunba 1106 1134 134 134 145 2 1.30 7 98 Kurunba 630 655 25 Domestic 8 Dhoni 6 4 2.5 1.30 <td< td=""><td>30</td><td>86</td><td>Kudahuraa</td><td>1110</td><td>Ì</td><td></td><td>Trees</td><td>Domestic</td><td></td><td></td><td>2 Dhoni</td><td>8</td><td>5</td><td></td><td>191</td><td>0.65</td></td<>	30	86	Kudahuraa	1110	Ì		Trees	Domestic			2 Dhoni	8	5		191	0.65
7 98 Thulhaagiri 1158 1255 57 Trees Domestic 3 Dhoni 10 6 3 4.86 7 98 Baros 1354 1455 61 Trees Domestic 5 Dhoni 12 8 3 7.78 7 98 Baros 1500 1515 15 Trees Domestic 3 Dhoni 6 8 2 2.59 7 98 Allaarei 1600 1615 1622 9 Domestic 2 Dhoni 6 4 2.5 1.62 7 98 Fullmoon 600 620 20 Domestic 3 Dhoni 4 4 2.5 1.08 7 98 Fullmoon 650 650 25 Domestic 3 Dhoni 4 4 2.5 1.08 7 98 Fullmoon 650 655 25 Domestic 3 Dhoni 6 4 2.5 1.08 7 98 Fullmoon 134 134 134 14 12 1.30 8 Fangali 132 </td <td>۱</td> <td>L</td> <td>Abecru</td> <td>1153</td> <td></td> <td></td> <td>Timber</td> <td>Box</td> <td></td> <td></td> <td>3 Dhoni</td> <td>4</td> <td>4</td> <td></td> <td>36</td> <td>0.76</td>	۱	L	Abecru	1153			Timber	Box			3 Dhoni	4	4		36	0.76
7 98 Baros 1354 1455 61 Trees Domestic 5 Dhori 12 8 7 78 7 98 Allaarei 1500 1555 15 Trees Domestic 3 Dhori 6 8 2 259 7 98 Allaarei 1500 1615 15 Trees Domestic 2 Dhori 6 4 2.5 1.62 7 98 Vabbirdaru 1613 1622 9 Domestic 2 Dhori 6 4 2.5 1.62 7 98 Fullmoon 600 650 20 Domestic 3 Dhori 4 4 2.5 1.62 7 98 Fullmoon 600 650 20 Domestic 3 Dhori 4 4 2.5 1.62 7 98 Fullmoon 650 655 25 Domestic 3 Dhori 8 4 2 1.68 7 98 Fullmoon 130 140 25 100mestic 3 Dhori 8 4 2 1.30		L	Thulhaagiri	1158				Domestic			3 Dhoni	25	8		9	1.46
7 98 Allaarei 1500 155F 15 Trees Domestic 3 Dhoni 6 8 2 2.59 7 98 Vabbinfaru 1600 1615 15 Trees Domestic 3 Dhoni 6 4 2.5 1.62 3 3.89 7 98 Vabbinfaru 1613 1622 9 Domestic 6 4 2.5 1.62			Baros	1354				Domestic			5 Dhoni	12	8		78	2.33
7 98 Taaj Largoon 1600 1615 15 Trees Domestic 2 Dhori 8 6 3 3.89 7 98 Vabbirfaru 1613 1622 9 Domestic 2 Dhori 6 4 2.5 1.62 7 98 Vabbirfaru 600 620 20 Domestic 4 4 4 2.5 1.08 7 98 Kurumba 630 655 25 Domestic 8 Dhori 4 4 2.5 1.08 7 98 Kurumba 630 655 25 Domestic 8 Dhori 6 4 2.5 1.08 7 98 Fun Island 1314 1345 31 Domestic 8 Dhori 6 4 2.5 1.30 7 98 Fun Island 1305 1456 50 Domestic 50 50 4 5 4 5 1.3		L	Allaarei	1500	ŀ			Domestic			3 Dhoni	9	8		29	0.78
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Average/Total 27 Domestic 4 Dhoni			Vabbinfaru	1613			Domestic				2 Dhoni	9				0.45 64
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7 98 Hulbule 1108 1135 27 Domestic 8 Domestic 8 Domestic 8 Domestic 1.30 4 S.18 7 98 Vabbirdaru 1256 1310 14 Trees Domestic 3 Dhoni 6 4 5.18 7 98 Rangali 1332 1400 28 Trees Domestic 5 Dhoni 6 6 3 2.92 7 98 Makunudhoo 1405 1456 20 Domestic 3 Dhoni 6 6 4 5.18 7 98 Legun 1600 1625 25 Domestic 7 Dhoni 8 6 4 5.18 7 98 Bahadu 1605 1630 25 Trees Domestic 3 Dhoni 6 4 3 1.94 Average/Total 27 27 27 3 Dhoni 3 Dhoni 6 4 3 3 1.94		L	Kurumba	630			Domestic				3 Dhoni	4	4		98	0.26
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7 98 Fun Island 1314 1345 31 Domestic 3 Domestic 3 Dhoni 8 6 4 5.18 7 98 Rangali 1332 1400 28 Trees Domestic 3 Dhoni 12 6 3 2.92 7 98 Legun 1600 1625 25 Domestic 7 Dhoni 8 6 4 5.18 7 98 Bahadu 1605 1630 25 Trees Domestic 3 Dhoni 6 4 3 1.94 Average/Total 27 27 27 3.143 3.143	31	8	Vabbinfaru	1256			Trees	Domestic			3 Dhoni	9	4		8	0.39
7 98 Rangali 1332 1400 28 Trees Domestic S Do	L		Fun Island	1314	L		Domestic				3 Dhoni	8	9		18	1.56
7 98 Makunudhoo 1405 1455 50 Domestic 3 Dhoni 12 6 4 7.78 7 98 Legun 1600 1625 25 Domestic 7 Dhoni 8 6 4 5.18 7 98 Bahadu 1605 1630 25 Trees Domestic 3 Dhoni 6 4 3 1.94 Average/Total 27 27 3 31.43 31.43	L	_	Rangali	1332			Trees				5 Dhoni	8	9		92	0.87
7 98 Legun 1600 1625 25 Domestic 7 Domestic 7 Dhoni 8 6 4 5.18 7 98 Bahadu 1605 1630 25 Trees Domestic 3 Dhoni 6 41 3 1.94 Average/Total 27; 27; 31.43 31.43			Makunudhoo	1405			Domestic				3 Dhoni	12	9		78	2.33
7 98 Bahadu 1605 1630 25 Trees Domestic 3 Dhoni 6 41 3 1.94 Average/Total 27 27 31.43 31.43			Legun	1600			Domestic				7 Dhoni	8	9		18	1.56
31.43		L.	Bahadu	1605			Trees				3 Dhoni	9	4		94	0.58
	_	_	Average/Total											31.	63	9.43

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/July/1998 - 10/August/98

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P	Date	Name of Island	Arrival	Depart.	Unloading		Type of Waste	Waste	Jos. of	Type of	Estimat	ed Size	Estimated Size of Estimated	Estimated
				time	Time (min.)		,		Grew	Vessel	Waste Heap	Heap (W	/ waste	waste
		· .							(men)		×	x LxHf)	volume (m3)	weight (ton)
77	8	98 Fullmoon	8	620	20	20 Domestic			4	4 Dhoni	9	4 2	2.5 1.62	
C1	8	98 Kurumba	635		15	15 Domestic				3 Dhoni	4	4		6 0.26
14	8	98 Hulbule	940		30	30 Domestic				7 Dhoni	8	9	3 3.89	
N	8	98 Hulhule	1055	1120		25 Timber			7	5 Dhoni	10	5		0 1.62
71	8	98 Taaj Lagoon	1225			9	Timber	Domestic	-	3 Dhoni	7	4	5	
7	8	98 Vabbinfaru	1255	l			Domestic			2 Dhoni	8	4	3! 2.59	
C 1	8	98 Hulbule	1315	1400		h	Domestic		7	4 Dhoni	101	5	5.40	0 1.62
61	8	98 Thulhaagiri	1400				Domestic			5 Dhoni	10	5	3 4.05	5 1.2
~	20	98 Hulhule	1440	1		1:	Domestic			5 Dhoni	8	5	3 3.24	4 0.97
\vdash	t	Average/Total											29.70	0 8.91
m	8	98 Fullmoon	610	630		20 Domestic				3 Dhoni	9	4	2.5 1.62	
60	8	98 Kurumba	720			20 Domestic			7	4 Dhoni	19	4		
6,	8	98 Hulbule	240	1015		35 Domestic				7 Dhoni	8	5		
٣,	တ	98 Kudaveli	1010	1045		35 Trees	Domestic			3 Dhoni	8	6 2	2.5 3.24	
6	8	98 Vadhoo	1020	1100		40 Timber	Domestic		7	4 Dhoni	8	9		
3	8	98 Hulhule	1033	1115		42 Timber			7	4 Dhoni	01	9		
6.	Ø	98 Nakachafushi	1045	1110		25 Trees	Domestic		*	4 Dhoni	S S	9		
6	S	98 Kurumba	1108	1145		37 Domestic				7 Dhoni	ğ	00		
8	တ	98 Kudahuraa	1110	1146		36 Trees	Domestic			3 Dhoni	∞ —	9		
cr,	ø	98 Hulhule	1220	1245		25 Timber	Domestic		7	4 Dhoni	S	4		
e	Ø	98 Vabbinfaru	1255	1310		15 Trees	Domestic			2 Dhoni	7	5	3 2.84	
C.	8	98 Fun Island	1310	1335		25 Domestic				4 Dhoni	7	9		
6,	8	98 Bandos	1330	1507		97 Trees	Domestic		-	4 Dhoni	10	9	4 6.48	1.94
L,	Ø	98 Hulhule	1450	1545		55 Timber			•	4 Dhoni	70	S		
۲,	တ	98 Kudahuraa	1657	1727		30 Trees	Domestic			3 Dhoni	8	5	3 3.24	
		Average/Total			36							-	55.97	77 16.79

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Result of Survey on Direct Hauling Waste to Thilafushi

Survey Period: 07/July/1998 - 10/August/98

ا غ	-	Name of Island	Amival	Depart	Maloadino		Type of Waste	δZ.	Nos. of Type of		Estimated Size of Estimated	e of Es		Estimated
		Name of Park	time		Time (min.)			No.			Waste Heap (W	§ ≥		waste
					•			(men)	F	×	x LxHf)		ņe	weight (ton)
80	L	98 Fullmoon	9	615	15	Domestic			3 Dhoni	4	4	72	0.86	0.26
∞	<u>L.</u>	98 Kurumba	715	730	15	15 Domestic			4/Dhoni		4	2	1.30	0.39
·	L	98 Bandos	825	920	55	55 Trees	Domestic		7(Dhoni	10	9	3.5	5.67	1.70
8		98 Hulhule	935	955	20	20 Domestic			7 Dhoni	10	5	3	4,05	1.22
8		98 Hulhule	954	1030	36	36 Timber			3 Dhoni	8	2	3	3.24	0.97
∞ 		98 Vaadhoo	1045	1117	32	32 Trees	Domestic		3 Dhoni	8		3	3.24	0.97
8		98 Paanode	1043	1115	32	32 Trees	Domestic		3{Dhoni	8	4	3	2.59	0.78
တ		98 Nakachafushi	1052	1130	38	38 Domestic			4 Dhoni	10	9	2	3.24	0.97
8		98 Kudahuraa	1135	1215	4	40 Trees	Domestic		2 Dhoni		S 1	2.5	2.36	0.71
တ		98 Hulhule	1213	1248	35	35 Domestic			4 Dhoni	or		દ	4.05	1.22
8		98 Vabbinfaru	1255	1310	15	15 Domestic			2 Dhoni	9	4	3	1.94	0.58
∞		98 Hulhule	1300	1345	S	5 Timber			3 Dhoni	10	2	3	4.05	1.22
တ		98 Fihaalhohi	1520	1600	04	40 Steel	Timber		3 Dhoni	9	2	3	2.43	0.73
	-	Average/Total			29								39.03	11.71
ο	88	98 Fullmoon	048	700	20	20 Domestic			3 Dhoni	4	4	2	0.86	0.26
8	<u> </u>	98 Kurumba	7007	715	15	15 Domestic			3 Dhoni	7	3	2.5	0.81	0.24
60	L	98 Hulhule	806	930	22	22 Timber			4 Dhoni	8	4	3	2.59	0.78
∞		9S Hulhule	943	1020	37	37 Timber			3 Dhoni	8	5	3	3.24	0.97
∞	L	98 Hulhule	1000	1040	9	40 Domestic			7 Dhoni	8	9	4	5.18	1.56
80	L.	98 Kurumba	1045	1125	04	40 Trees	Domestic		5 Dhoni	10	8	2	4.32	1.30
×		98 Kudahuraa	1135	1200	25	25 Domestic			4 Dhoni	8	9	3.5	4.54	1.36
8		98 Hulhule	1150	1250	9	60 Timber			4 Dhoni	8	7	3	2.59	0.78
8	Ĺ	98 Vabbinfaru	1250	1305	15	15 Domestic			2 Dhoni	9	4	2	1.30	620
8		98 Vaadhoo	1320	1345	25		Domestic		3 Dhoni	10	9	3	4.86	1.46
∞		98 Baros	1315	1420	65		Domestic		4 Dhoni	10	9	4	6.48	1.94
8		98 Hulhulc	1515	1600	45	45 Domestic	Timber		6 Dhoni	8	9	4	5.18	1.56
		Ansonantotal			7.5						İ		70 17	17 50

Result of Survey on Direct Hauling Waste to Thilafushi Survey Period: 07/fuly/1998 - 10/August/98

١			;	H	ĺ			i						1		
	Çate		Name of Island	_		Unloading		Type o	Type of Waste	Nos. of	Type of		Ted No.	Estimated Size of Estimated	20 Z	Estimated
		:			9	(mg)				(man)		L L	LXHAD	Nolume		Weight
	:		-									! ——				(ton)
•	~	Š	98 Fullmoon	640	\$59	21	15 Domestic		 		3 Dhoni	4	4	۲٠	0.86	0.26
•	20	8	98 Kurumba	8,		15	15 Domestic				4 Dhoni	5	7	2	1.08	0.32
¢	*	8	98 Bandos	828	020	SS		Domestic			5 Dhoni	10	9	4	6.48	1.94
۰	*	8	98 Bandos	8	955			Domestic			S Dhoni	8	\$	3	3.89	1.17
٥	×	88	98 Hulhule	953	1030		37 Domestic		_		7 Dhoni	8	9	3	3.89	1.17
٥	∞	8	98 Hulhule	955	1032		37 Timber				3 Dhona	S	3	3	3.24	0.97
9	×	98	98 Ibura	1045	1115		30 Trees	Domestic			S Dhoni	10	8	£3	4.32	1.30
٥	×		98 Kudahuraa	1140	1213)		33 Domestic				3 Dhoni	8	\$	3	3.24	0.0
9	×		98 Ffulhule	1215	1244		29 Timber				4 Dhon	8	S	3	3.24	0.97
٥	90	86	98 Vabbinfaru	1248	1310		22 Domestic		i	•	2 Dhoni	9	S	2.5	2.03	0.61
9	8	98	98 Kurumba	1418	1444		Timber	Domestic			6 Dhoru	10	8	3	6.48	1.94
9	20	98	98 Hulbule	1445			45 Timber	Domestic			4 Dhoni	10	9	4	6,48	1,94
٥	S		98 Hulbule	1522	l		38 Timber				4 Dhoni	10		3	4.05	1.5
t	Γ		Average/Total			34				-	_			-	82.64	14.78
×	×	χĢ	98 Fullmoon	51,9	929		15 Domestic				3 Dhoni	4	4	2.5	1.0%	0.32
8	ec.		98 Xurumba	722	730		8 Domestic				4 Dhoru	4	5	61	1.08	0.32
20	90	<u>L</u>	98 Hulhule	915	940		25 Timber				5 Dhoni	8	S	3	3.24	0.97
ő	*	L	98 Hulhule	950	1015		65 Timber				4 Dhoni	8	8	3.	3.24	0.97
8	8	L.	98 Nakachafushi	1020	1035		15 Domestic		-		4 Dhori	10	9	3	4.86	1.46
8	8		98 Paradise	1037	1110		33 Domestic				3 Dhoni	10	9	3	4.86	3.
8	8		98 Kudahuraa	1045			40 Trees	Domestic	_		4 Dhom	8	Ø	3	3.89	F
83	8		98 Muhule	1115	1135		20 Domestic			.,	7 Dhom	*	Ó	6	3.89	1.17
8	8		98 Faanody	1130	1145		15 Domestic		-		4 Dhoru	8	9	3	3.89	1.17
8	8		98 Hulhule	1135	1155		20 Timber				5 Dhoni	8	5	2.5	2.70	0.81
8	8		98 Hulbule	1235	1310		35 Timber	Domestic			4 Dhom	10	Ÿ	3	4.86	1.46
80	8		98 Vabbinfaru	1255.	1310		15/Domestic		-		3 Dhoni	٥	4	2.5	1.62	0.49
			Average/Total							_	_				39.20	11.76
Ó	8	L	98 Kurumba	710	П		15 Domestic				4 Dhom	4	4	e 3	0.86	0.26
٥	8		98 Fullmoon	726			9 Domestic			_	S Dhom	٧.	₹	ť1	1.08	0.33
6	8		98 Ffuihule	945	1005		20 Timber				3 Dhoni	8	8	33	3.24	0.97
٥	8		98 Hulhule	1005			25 Domestic				8 Dhoni	8	9	4	5.18	1.56
6	8		98 Vaadu	1027	1050		23 Trees	Domestic			3 Dhoru	7	S	2.5	2.36	0.71
6	8		98 Hulbule	1047			33 Timber			_	4 Dhoru	S	5	2.5	2.70	0.81
6	8		98 Vabbinfaru	1110	5211		15 Domestic				2 Dhoni	6	4	71	1.30	0.39
6	8		98 Kudahuraa	1120	1155		29 Domestic				3 Dhoru	8	9	2.5	3.5	0.0
Ó	8		98 Kuramathi	1330	1450		20 Timber	Steel	Domestic		3 Barge	35	잂	4	37.80	11
6	œ		98 Aarah	1700	1730		30 Domestic				12 Dhom	8	9	7	2.59	0.78
П	П		Average/Total			32									60.36	18.11

Result of Survey on Direct Hauling Waste to Thilafushi

Survey Period: 07/July/1998 - 10/August/98

213 38 85 38 38 38 38 38 38 38 38 38 38 38 38 38	Time (mir	time (mir 735 735 71018 1045 1108 1115 1115 1120 1230 1230 1230 1350 1230 1230 1350 1230 1350	time Time (mir 735 7 1018 1 1245 1 1245 1 1245 1 1335 1 1335 1 1330 1 150 2 705 2 705 2 705 3 705 3 705 4 1510 6 1208 6 1208 6 1350 6 1350 7 1230 7 1230 8 1350 9 1230 9 1350 9 1350	a 720 735 a 720 735 a 1007 1018 a 1007 1018 otho 1022 1245 1 otho 1022 1245 1 otho 1020 1045 aru 1250 1320 a 645 705 bi 907 905 bi 907 905 bi 907 130 a 840 905 bi 940 1005 bi 940 1005 auxiliar 1200 1230 auxiliar 1200 1230 auxiliar 1200 1230 auxiliar 1200 1230	time time Time (mir 720 735 1007 1018 1020 1045 1120 1045 11240 1335 1240 1335 1250 1320 1444 1510 1444 1510 1444 1510 1444 1510 1440 905 940 905 940 1005 1130 1208 hi 1200 1230 1330 1350
mestic mestic	20 Domestic 51 Domestic	1350	1350	1330 1350	98 Bahadu 1330 1350
mestic mestic		1350	1350	1330 1350	98 Bahadu 1330 1350
		735 1018 1045 1245 1115 1115 1320 1320 1520 1520 1625 1005 1130 1230 1230 1230 1350 1435	77 1018 101	a 720 735 n 1007 1018 othor 1020 1045 othor 1022 1245 and 1240 1335 and 1240 1335 and 1250 1320 and 645 705 and 645 705 bi 940 1005 bi 940 1005 bi 940 1005 and 1125 1208 and 1130 1208 and 1230 1330 and 1230 1330 and 1244 1435	98 Kurumba 720 735 98 Fullmoon 1007 1018 98 Hulhule 1020 1045 98 Vaadhu 1022 1245 11 98 Vabbinfaru 1240 1335 98 Vabbinfaru 1250 1320 98 Hulhule 1444 1510 98 Fullmoon 645 705 98 Kurumba 655 715 98 Kurumba 655 715 98 Kurumba 1105 1130 98 Vaadhu 1105 1130 98 Vaadhuraa 1130 1208 98 Wakachafushi 1200 1230 98 Wabbinfaru 1251 1205 98 Wabbinfaru 1253 1310 98 Vabbinfaru 1330 1350 98 Wabbinfaru 1330 1350

3.5 Solid Waste Composition Survey in Male'

3.5.1 Purpose and Survey Items

The data of solid waste composition along with the amount of waste generation is a basic for planning and design of SWM system. The survey is intended to obtain the current waste composition data by the waste generation sources. In order to obtain the data as intended, the survey was carried out to take the following data from the waste generated in Male' Municipality.

- Amount of waste by 18 types from different waste generation sources
- · Total waste volume and bulk density
- · Amount of organic, inorganic and hazardous wastes
- · Amount and types of reusable and recyclable wastes

3.5.2 Survey Period

The solid waste composition survey in Male' was conducted from 20 August to 6 September, 1998 for 36 samples. Due to the period of school holidays, the data for school waste was surveyed on 20 September for 3 samples.

3.5.3 Procedures of Survey

Objet Waste Generation Sources and Numbers of Samples

The survey team consist of one leader and four workers took 39 samples as shown in the following table in consideration of data to be obtained from the Waste Amount Survey.

Code	Generation Source Category	Total Nos. of Samples	Remarks
A-1	Residential Area 1	9	Residential house
A-2	Residential Area 2	6	Micro Bins
B-1	Commercial Area (General)	7	
C-1	Buildings (Government Office)	2	
C-2	Building (Private Office & Shops)	3	i
D	Fruits Market & Parks	3	•
Е	Restaurant & Hotels	3	
G	School	3	•
1-3	Construction Waste (Mixed)	3	
	Total	39)

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Method of Sampling

Samples for waste composition survey were taken from the following collection vehicles respectively. Wastes amount was measured by truck scale at first to take more than 500 kgs. for the original samples. Then the sample for testing was reduced to take approximately 100 kgs by dividing the original samples equally to 4 heaps and one waste heap was taken for the composition survey.

From the municipality collection vehicle used for disposal of the survey Category A-1, B-1, C-1, C-2, E & G

Micro Bin collection vehicle Category A-2

From municipality tractors carried waste into the Transfer station Category D

From Private vehicle carried waste into the Transfer Station Category I-3

Categorisation of Waste and Weighing Samples

The sample was separated into 18 categories to be indicated in the following sections and put into plastic containers or sacks depending on the size, amount and the nature of the wastes. The separated waste was weighed the wet-base weight by 5 kg dial scale or 30 kg spring scale depending on the weight.

3.5.4 Survey Data

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Result of Waste Composition Survey in Male'

Residential Area

(1) Residential Area 1 (Residential Houses)

Ratio (unit : grams) 18.410 89,820 3,320 25,300 12,890 28,490 3 102 <u>ş</u> ş ठ Min 2.084 5,062 3,918 2,443 4,623 2 8 2 4 2 8 4 2,811 322 2,046 2,368 3,166 \$2,928 8 8 480 Ą 20.130 33,350 980 3.270 5.450 880 14,460 440 140 Max 1330 1510 400 2020 3150 2900 25 Aug. 107090 107090 980 2670 23 Aug. 25 Aug. 25 Aug. 350 350 09666 300 ဒ္ဓဋ္ဌ 0,22 22 22 22 22 2430 044 320 88840 380 23 Aug. 02099 400 25090 2430 84 85.5 650 8 23 Aug. 3280 1380 2320 2320 710 12030 0 88 88 22 Aug. 3980 1950 7900 35.00 35.5 3 3 3 5 5 30150 140 5300 3 8 8 ZZ Aug. 1,630 3.610 3.530 2 8 0 1.630 0 100 144.870 2,660 3,990 830 30,030 140 9,310 8 240 14.740 22 Aug. Film
Bottle & Others
PET
Subtotal Hazardous Waste (Batteries) Broken Glass Bottle Subtotal Other Hazardous Waste Paper Cardboard Subtotal Total Waste Volume (lit.) Bulk Density (kg/lit.) In Cars (Steel Cars) orrganic Waste Total Rubber & Leather Other Org. Waste Sample No. Sampling Date, 1998 Organic Waste Total Aluminum cars Dirt. Ash. Sand Cotal Weight (kg) Porganic Waste Other Metals zardous Waste Food Waste Yard Waste panic Waste Plastics [extrices Pper Slass

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Record Sheets (Male Municipality) (Sheet No. 1/39)

		A B-1	Residential Area Commercial Area (General)	a (General)		Building (Office & Shops) Fruits Market & Parks	& Shops)	£ 0	Home Industry (Others) School	(Others)		
Name of Surv : Mr. Ibrahim		ដ	Buildings (Govt. Office)	. O⊞∞)	ы	Restaurant & Hotels	otels	ĭ	Const. Wasta (Mixed)	(Mixed)		
Type of Waste	Container Weight I	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste								-			-	2
Food Waste	1,350					_					3,190	
Paper Paper	1.350		1.350		1,350	3,440					6.330	
	2,420	3.380	1,350							-		
Subtotal	3.770		2.700	6,290	1,350	3,440		0	0	0		
Plastics Film	2.500										1.450	
	1.350										1,630	ļ
PET	1,350											1.18
Subtotal	\$.200		°	0	0	0		ō	0	0	3,0	8.05
Rubber & Leather	0										320	
Textiles	1.350	4									3,530	
Yard Waste	1,980		1.350	2,630	0	3,980					8.200	
Wood											Ó	
Other Org. Waste	1.350	3.540										١
Organic Waste Total	15.000	34,090	4.050	8,920	1,350	7.420		0	0	5	30.030	3.8
In-organic Waste												
Glass Broken Glass	0										8	١
•	1.350	2,780						_				
Subtotal	1.350	7	0	0	0	0		0	0	5	1.630	_
Tin Cans (Steel Cans)	1.350	3,220									1.870	1
Aluminum cans	0									-	140	
Other Metals	1,350	3,100	٥						-	_	1.790	ı
Dirt. Ash. Sand	1.350	4,720	1,350									
In-orrganic Waste Total	5.400	14,160	1.350	4,290	1,350	4.390		0	0	ŏ	04.740	32.85
Hazardous Waste												
Hazardous Waste (Batteries)		0 100									100	0.22
Other Hazardous Waste		٥									٥	
Hazardous Waste Total	0	ĭ	°	0	0	0		0	0) [0	100	0.22
Total Weight (kg):	20,400	48	5.400	13.210	2.700	11.810		0	0	0	0 44.870	Σĭ
Total Waste Volume (lit)												240
Dark Dentier Confirm												0.187

Record Sheets (Male Municipality) (Sheet No. 2/39)

Survey Date	Survey Date :22 August, 1998		Society	Generation Sources		oge O	Generation Sources	ources	Code	Generation Source	Source		
Generation Source: (A. Weather : Cloudy	Source:(A) :Cloudy		₹ ₽	Residential Area Commercial Area (Ceneral)		် ပြ	Building (Office & Shops) Fruits Market & Parts	& Shops) Parts	£ 0	Home industry (Uniters) School	(Cnas)		
Name of Surv : Mr. Ibrahim	: Mr. Ibrahim		៊	Buildings (Covr. Office)	. ОД Ф	យ	Restaurant & Hotels	stels.	3	Const. Waste (Mixed)	Mixed)		
Type of Waste		Container Weight 1	Gross	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste					L	C							
Food Wash	U	1.350	11.000	1,940	7,500							15.210	
Paper	Paper	1.350										2.650	
•	Cardboard	2,500											
-	Subtotal	3.850		0	0	0	0	٥	•		0		
Plastics	Film	1,350										1.830	
	Bortle & Others	1.350		1.350	4.650							5.300	
:	PET	1.350											
	Subtotal	4.050		1.350	4.650	0	0	٥	0		0	7,	
Rubber & Leather	Leather	0										180	
Temiles		1.350	3									1,700	2.20
Yard Waste		1.350		0	2.940	0	1.640					8,980	
Wood		0					_					1,950	
Other Org. Waste	Waste	1.350										7,900	10.20
Organic Waste Total	: Total	13.300		3.290	15.090	0	1.640	0	0		0 0	47,150	1
In-organic Waste	ste												Į
Glass	Broken Glass	0	0 (_		
	Borde	٥	098							_			_
	Subtotal	0	098	0	0	0	0	٥		ō	0		
Tin Cans (Tin Cans (Stoel Cans)	1,980	050.5									3,070	
Aluminum cans	cans	1.350	1									310	
Other Metals	als	J	0 140									140	
Dirt. Ash. Sand	Sand	2.420	02.22	1.350		1,350	4.390						
In-orrganic Waste Total	aste Total	5.750		1,350	4.250			0		ō	0	0 30.150	38.93
Hazardous Waste	aste	-											١
Hazardous	Hazardous Waste (Batteries))	0 20	-					_			~~	
Other Haz	Other Hazardous Waste		0 120	[
Hazardous Waste Total	aste Total)	0 140	0	0			•			_ _		
Total Weight (Kg):	(Kg):	19.050	0 77,110	4.640	19.340	1,350	6.030)	٥	0	0 77.440	ğ
Total Waste Volume (lit.)	/olume (lit.):												365
Bulk Density (kg/lit.)	(Kg/lit.):												0.212

Record Sheets (Male Municipality) (Sheet No. 3/39)

Survey Date :22 Augus Generation Source: (A	Survey Date 122 August, 1998 Generation Source : (A.)		ğ 3 <	Generation Sources Residential Area	Sources	ខ្លីខ	Generation Sources Building (Ottoo & Shope)	Sources • & Shope)	8 2	Generation Source Hone Industry (Others)	Source (Others)		
Weather	:Coudy		8-1	Commercial Area (General)	a (General)	Ω	Fruits Market & Parks	t Partes	0	School			
Name of Surv	Name of Surv : Mr. Ibrahim		3	Buildings (Gov. Office)	, OEG ()	W	Restaurant & Hotels	otote	3	Const. Waste (Mixod)	dixed)		
Type of Waste	0	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(70)
Organic Waste	بو												
Food Waste	22	1.350	14									13.150	21.10
Paper	Paper	2,500	9	1.980	7,000							9,270	14.88
	Cardboard	٥	2									2,760	4,43
	Subtotal	2.500	6	1,980	7.000	0	0	0	0	٥	0	12.030	19.31
Plastics	Film	1.350										2,010	3.23
	Bottle & Others	1,350		1.350	4,650							4,150	99.9
	PET	1.350										089	1.04
	Subtotal	4,050		1,350	4,650	0	0	0	0	0	0	6.810	10.93
Rubber & Leather	Leather	0	460									460	0.74
Textiles		0										130	0.21
Yard Waste	J.	1.350	4									3,010	4.83
Wood		0	1.360									1,360	2.18
Other Org. Waste	Waste	1.350	4.640										5.28
Organic Waste Total	c Total	10.600		3,330	11,650	0	0	0	0	0	0	40.240	64.58
In-organic Waste	ıste												
Glass	Broken Glass	٠ ا										210	0.3 4
	Bortle	1,350										2,610	4.19
	Subtotal	1.350		0	0	٥	٥	0	0	٥	0	7	4.53
Tin Cans (Tin Cans (Steel Cans)	1.950	4									2,230	3.58
Aluminum cans	र देशाऱ	1.350	2.060									710	1.14
Other Metals	sis	0										760	1.22
Dirt. Ash. Sand	Sand	1.350	6	1.350	9.000							15,550	24.96
In-orrganic Waste Total	aste Total	9.000	20.420	1.350	9.000	٥	0	0	0	0	0	22.070	35.42
Hazardous Waste	aste												
Hazardous	Hazardous Waste (Batteries)	0	0									0	0.00
Other Haz	Other Hazardous Waste	0										٥	0.00
Hazardous Waste Total	aste Total	0	0	0	0	٥	0	0	0	0	0		0.00
Total Weight (kg)	(kg) :	16.600	62.940	4,680	20.650	0	0	0	0	0	0	62,310	100.00
Total Waste Volume (lit.)	/olume (lit.) :												320
Bulk Density (kg/lit.)	(kg/lit.) :				•								0.195

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Survey Date	Survey Date :23 August, 1998	·	S	Generation Sources	ources	Š	Generation Sources	ources	eg Code	Generation Source	Source		
Generation Source: (A. Weather :: Cloudy	ource:(A) :Cloudy		₽. 19.	Residential Area Commercial Area (General)	a (Ceneral)	္ မ	Building (Office & Shops) Fruits Market & Parks	& Shops) Parks	F.3 O	Home Industry (Others) School	Operation (Operation)		
Name of Surv	Name of Surv : Mr. Ibrahim		ឌ	Buildings (Oom, Ottoos)	8 80	ឃ	Restaurant & Hotels	stells	2	Const. Waste (Mixed)	/ixed)		
Type of Waste	Ų	Container		Container	Gross	Container		Container	Gross	Container	Gross	Net Weight (Ratio(%)	Ratio(%)
		Weight 1	Weight 1	Weight 2	Weight 2	Weight 3	Weight 3	Weight 4	Weight 4	Weight 5	Weight 5	(દ્વે	
Organic Waste	9	136.1	L									7.150	10.82
Food Waste	5te	1.550	8500			1						02111	38 YI
Paper	Paper	2.420		1.350	000.6	1.330	ODC:C					222	-0.54 4
	Cardboard	2.420						ľ					200
	Subtotal	4.840	11.500	1.350	5.000	1,350	5.500	٥	٦			14.400	20.17
Plastics	Film	1.450	1									OCC.	
	Bottle & Others	1,350										1.170	77.7
	PET	1.350										8	0.05
	Subtotal	4.050		0	0	0	0	0	0	<u> </u>	0	4.550	6.89
Rubber & Leather	Leather	1.350	3.840									2,490	
Tortiles		1.350										2,350	
Yard Waste	ste	2.500										3,500	
Wood		1.350										2,210	
Other Org. Waste	c. Waste	1.980										4,270	6.46
Organic Waste Total	te Total	18.770	51.950	1.350	5.000	1,350	5.500	0	0	0	0	40,980	62.03
In-organic Waste	aste												
Glass	Broken Glass	1.350										650	0.98
	Bottle	1.350	4,620									3,270	
	Subtotal	2,700		0	0	0	0	٥	0	٥	٥	3.920	
Tin Cans	Tin Cans (Steel Cans)	1,350					[1,900	
Aluminum cans	n cans	1.350										550	
Other Metals	stals	-	0 0	_								٥	
Dirt. Ash. Sand	. Sand	1.980	5	05	15.750							18,720	
In-orrganic Waste Total	Vaste Total	7.380	16,770	20	15.750	0	0	0		0 0	٥	25.090	37.97
Hazardous Waste	Vaste	-											
Hazardou	Hazardous Waste (Battenes))	0 10									0	00'0
Other Ha	Other Hazardous Waste)	0 0	1								0	
Hazardous Waste Total	Vaste Total		0 0	0	0	0	0	0		0 0	٥	0	0.00
Total Weight (kg):	1 (Kg):	26.150	08.720	1.400	20.750	1.350	005.8	0		0 0	0	06.070	100,00
Total Waste Volume (lit.)	Volume (lit.):												400
Bulk Density (kg/lit.)	/ (kg/lit.) :												0.165
													İ

Record Sheets (Male Municipality) (Sheet No. 5/39)

Survey Date	Survey Date :23 August, 1998		Code	Generation Sources	Sources	Code	Generation Sources	Sources	Çoğe	Generation Source	ource		
Generation Source : (A)	ource:(A)		<	Residential Area		3	Building (Office & Shops)	e dt. Shops)	5.5	Home Industry (Others)	Others)		
Weather	:Cloudy		3-1	Commercial Area (General)	sa (General)	Ω	Fruits Market & Parks	2 Partes	o	School	•		
Name of Surv	Name of Surv : Mr. Amoen		៊ូ	Buildings (Gov. Office)	. offæ)	ដា	Restaurant & Hotels	loteis	3	Const. Waste (Mixed)	(pex)		
Type of Waste	.	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%) (E)	Ratio(%)
Organic Waste	2												15
Food Waste	ste	1.350	005"6									8,150	77.7
Paper	Paper	1,350	6.000	0	4.500							9,150	10.30
	Cardboard	0											4,04
	Subtotal	1.350	≍	0	4.500	٥	0	٩	0	0	٥	13	14.94
Plastics	Film	°										3,500	46.5
	Borne & Others	0	2,400									2.400	2,1
	PET	1.350										1,300	34.
	Subtotal	1.350		0	0	0	0		0	0	0	7	l
Pubber & Leather	Teather	1.350	2.550					Ĺ				1,200	
Total Parties		1 350										8.400	9,46
Yard Was	4	1 350										10,150	11.43
1410 wante	one .											2,900	3.26
× ×												13,500	15.20
Other Org. Waste	g. Waste	2,200	١						C	C	C	ľ	
Organic Waste Total	te Total	10.600	70.870	٦	4.500								
In-organic Waste	aste												
Glass	Broken Glass	0										3	
	Bottle	0											
·	Subtotal	0		0		٥	٩		٥	°	°	2	
Tin Cans	Tin Cans (Steel Cans)	0	2,140	0	3,300							04.0	
Aluminum cans	n cans	1,350	1,900									550	
Orber Metals	tals	٥									-	1,760	
Drr. Ash. Sand	Sand	1,980	ä									13,520	
In-orrganic Waste Total	Vaste Total	3330	ន	0	3,300	0		0	0 0	0	Q	23.750	26.73
Hazardous Waste	Vaste								i				
Hazardou	Hazardous Waste (Batteries)	0	200									200	
Orher Haz	Other Hazardous Waste	٥										120	
Hazardous Waste Tota	Vaste Total	0		0	0	0		o	0 0	0	0	320	
Total Weight (kg)	(kg):	13,930	94.970	°	7.800	٥		lo	0 0	0	0	88,840	100,00
Total Waste	Total Waste Volume (lit)	 -											400
Daylor Daneity	. / / / / / / / / / / / / / / / / / / /												0.222
Daik Density (Kg/IIL)	/ (Kg/mu)												

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Surgery Date	Comment Date -22 Amount 1008		Š	Generation Sources	Outrook	Çode	Generation Sources	ources	O Sec	Generation Source	Source		
Generation Courses, (A.)		-	}	Residential Area			Pauliding (Office & Shops)	S Shore	8.3	Home Industry (Others)	Others		
Weather	:Cloudy /Shower		. .	Compartial Arts (General)	a (General)	, a	Fruits Market & Parks	Parks	. 0	School			
Name of Sur	Name of Surv : Mr. Ameen		ប៊ី	Buildings (Sont. Office)	Office)	ы	Restaurant & Hotels	otels	F3	Const. Waste (Mixed)	v(ixed)		
Type of Waste	9:	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste	9												
Food Waste	ste	1,350	12,500									11,150	11.15
Paper	Paper	0		2,420	8.250							080'6	9.08
<u>.</u>	Cardboard	°	3,750									3,750	3.75
	Subtotal	0		2.420	8.250	٥	0	0	0	0	0	12.830	12.84
Plastics	Film	1.350										2.650	2.65
	Bottle & Others	2,320	7.500	50	15.000							20,130	20,14
	PET	1.350										1,150	1.15
	Subtotal	5,020		S.	15.000	°	0	0	0	0	0	23.930	23.94
Rubber & Leather	k Leather	1.350								-		1,850	1.85
Textiles		2,320										4,680	4.68
Yard Waste	ste	1.350	l									7,650	7.65
W000			l									4,850	4.85
Other Org. Waste	g. Waste	1.350										19,650	
Organic Waste Total	ste Total	12,740	78.550	2,470	23.250		0 0	0	0	0 (0	86.590	86.62
In-organic Waste	/astc												
Glass	Broken Glass		000									300	0.30
	Bottle	1.350										2.650	
	Subtotal	1.350	005.4	C	0		0 0	0		0	0 0	2,950	2.95
Tin Cans	Tin Cans (Steel Cans)	1.980		0	1.550							5,320	
Aluminum cans	m cans	1.350										800	0.80
Other Metals	otals)	0 3.740									3,740	
Dirt. Ash. Sand	1. Sand	1.350		-			-			-		350	
In-orrganic Waste Total	Naste Total	6.030	17.640	0	1.550		0 0	Ö		oj c	0 0	13,160	13.17
Hazardous Waste	Vaste												
Hazardo	Hazardous Waste (Batteries))	0 130									130	
Other Ha	Other Hazardous Waste)	0 80									8	
Hazardous Waste Total	Vaste Total)	0 210	0	0		0 0	0)	0 0	210	
Total Weight (Kg)	1 (Kg) :	18.770	005.400	2.470	24.800		0 (0		0) 0	0 0	0) 99.960	100.00
Total Waste	Total Waste Volume (lit.):												440
Bulk Density (kg/lit.)	v (kg/lit.):												0.227

Record Sheets (Male Municipality) (Sheet No. 7/39)

oss Contrainer Gross Container Gross Gontainer	Survey Date	Survey Date :25 August, 1998 Generation Source (4)		Code •	Generation Sources	Sources	ğ 3	Generation Sources Building (Office & Stone)	Sources	8 8 8	Generation Source Home Industry (Others)	ource there)		
Mr. Annoen Container Gross Container Gross Container Gross Container Gross Container Gross New Weight 2 Weight 2 Weight 3 Weight 4 Weight 5 Weight 5 Res Weight 5 Krol 2.200 1.350 9.000 0	Weather	Fine		. H	Commercial An	s (General)	ρ Δ	Fruits Market &	t Parks		School			
Container Gress Gres	Name of Sur	v:Mr. Ameen		3	Buildings (Gow	(SEC)	D)	Restaurant & H	lotels	3	Const. Waste (Mi	(pex)		
1,350 9,000	Type of Was	ite		Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3		Container Weight 4	Gross Weight 4		\ \ \strace{1}{\sqrt{2}}	Net Weight (g)	Ratio(%)
1.350 9,00	Organic Was	stc												
1,350 3,220 1,42	Food Wa	ગુડા	1,350										7,650	7.28
1,540 4,730 1,04	Paper	Paper	2.320										2,930	2.79
A 256 10,030 0 0 0 0 0 0 0 0 0		Cardboard	1.940										2,840	2.70
& Others 1350 2,680 1350 2,890 1,390 <t< td=""><td></td><td>Subtotal</td><td>4,260</td><td>10,030</td><td></td><td>0</td><td></td><td>0</td><td></td><td></td><td>0</td><td>0</td><td>5.770</td><td>\$ 49</td></t<>		Subtotal	4,260	10,030		0		0			0	0	5.770	\$ 49
& Others 11350 4200 0 0 0 0 4570 al 1350 1.740 0 0 0 0 4570 al 4050 8420 0 0 0 0 4570 al 320 3.300	Plastics	Film	1.350	2,680									1.330	1.27
1,350 1,740 0 0 0 0 0 0 0 0 0		Bottle & Others	1.350	4.200							-		2.850	2.71
1,050 8,620 0 0 0 0 0 0 0 0 0		PET	1.350	1.740									390	0.37
1.350 3.300 2.30		Subtotal	4.050	8.620		0	0	0			0	0	4.570	4.35
1,350 3,300 50 14,500 50 9,000 50 5,000 30 3,820 3,300	Rubber	& Leather	0	840									840	8.0
1.550 13.000 5.0 14.500 5.0 9.000 5.0 5.000 9.000 5.000 9.000	Textiles		1.350	3,300									1,950	1.86
1.980 3.060 1.08	Yard Wa	ste	2.500	13.000		[000'6					38.850	36.99
1.580 3.060 3.060 50 9.000 50 5.000 0 0 0 0 0 0 0 0 0	Mood W		0	5,300							_		5.300	5.05
15.490 53.150 50 14.500 50 9.000 50 5.000 0 0 0 0 0 0 0 0 0	Other O	r. Waste	1.980	3.060									1.080	1.03
1.350 3.820 0 0 0 0 0 0 0 0 0	Organic Was	ste Total	15,490									0	66.010	62.85
1,350 3,320 2,47	In-organic W	Vaste												
1.350 3.820 0 0 0 0 0 0 0 2.470	Glass	Broken Glass	0	C									0	0.00
1,350 3,820 0 0 0 0 0 0 0 0 2,470 1,250 1,600 1,250 1,50		Bottle	1.350	3.820									2,470	2.35
1.350 2.600	-,	Subtotal	1.350	3.820		0		0			0	0	2.470	2.35
1,350 1,600	Tin Cans	(Steel Cans)	1.350	2.600									1.250	1.19
1,350 2,450 50 17,000 50 17,000 60 60 60 60 60 60 60	Auminus	m cans	1.350	1.600									250	0.24
1,350 17,000 50 17,000 0 0 0 0 39,020 3	Other Me	ctals	0	2,450									2,450	2.33
S.400 27.470 S0 17.000 0 0 0 0 39.020 3	Dirt. Ash	1. Sand	1,350										32,600	31.04
te 0	In-orrganic \	Naste Total	5.400	27,470		17,000		0				0	39.020	37.15
tectors) 0<	Mazardous V	Vaste												
te 0	Hazardor	us Waste (Batteries)	0	0									0	0.00
20.890 80.620 100 31.500 50 9.000 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other Ha	zardous Waste	0	0									0	0.00
20.890 80.620 100 31.500 50 9.000 50 5.000 0 0 105.030 1 :	Hazardous V	Vaste Total	0	0		0		0				0	0	0.00
	Total Weigh	د (لاق) :	20.890	80.620								0	105.030	100.00
	Total Waste	Volume (lit.):												350
	Bulk Density	v (kg/lit.):												0.300

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Generation Source	Home Industry (Others)	School	Const. Waste (Mixed)
Code	3	v	3
Generation Sources	Building (Office & Shops)	Fruits Market & Parks	Restaurant & Hotels
Code	3	Ω	핥
Generation Sources	Residential Area	Commercial Area (General)	Buildings (Con. Otto)
8	∢	B•1	៊ី
Survey Date :25 August, 1998	Generation Source:(A)	Weather :Fine	Name of Surw: Mr. Ameen

Organic Waste	2	Container	Gross	Container	300	Container	Gross	Container	Gross	Container	Š	Net Weight	\$ 500 (%)
Organic Was			Weight 1	Weight 2	Weight 2	Weight 3	Weight 3	Weight 4	Weight 4	Weight 5	Weight 5	(g)	
	ite												
Food Waste	ste	1.350	7.000									5.650	5.28
Paper	Paper	1.350	2,600	1,980	3,000							2,270	2.12
	Cardboard	1,350	4.850									3.500	3.27
	Subtotal	2.700	7,450	1,980	3.000	0		0	0 0	0 (0	5.770	5,39
Plastics	Film	1.350	2.480						_			1,130	1.06
	Bottle & Others	1,350	3.800						 			2.450	2.29
-	PET	1,350	1.970									620	0.58
	Subtotal	4.050		0	0	٥		0	0 0	0 (0	4.200	3.92
Rubber &	Rubber & Leather	0	280									580	0.54
Textiles		0	240						-			540	0.50
Yard Waste	ste	1.980	4.980	05	17.500	05	0000	jc				29,400	27.45
Wood		0	\$.000	0	1.900							006'9	6.44
Other Org. Waste	g. Waste	2,420	7.500									5.080	4.74
Organic Waste Total	ne Total	12,500	41.300	2.030	22.400	0\$	000.6		0 0	o ¦(0)	58.120	54.27
in-organic Waste	/aste												
Glass	Broken Glass	0	086									086	0.92
	Bottle	1.350	3.040									1.690	1.58
	Subtotal	1.350	4.020	0	0	0) {0	0 0	0 (0	2.670	2.49
Tin Cans	Tin Cans (Steel Cans)	2.320	4.600									2,280	2.13
Aluminum cans	m cans	0	100									∞1	60'0
Other Metals	state	0	2,900	0	2,320							5,220	4.87
Dirt, Ash, Sand	1. Sand	05		90	17,000					:		38,400	35.86
In-orrganic Waste Total	Waste Total	3.720				0)	0 0	0 0	0	48.670	45.45
Hazardous Waste	Vaste												
Hazardot	Hazardous Waste (Batteries)	0	160									160	0.15
Other Ha	Other Hazardous Waste	0	140									140	0.13
Hazardous Waste Total	Vaste Total	0	300	0	0	0)	0 0	0 (0	0 1	300	0.28
Total Weight (kg)	t (kg) :	16.220	74,720	2,080	41.720	05	000'6		0 0	0](0	107.090	100.00
fotal Waste	Total Waste Volume (lit.):												330
Bulk Density (kg/lit.)	v (kg/lit.) :												0.325

Record Sheets (Male Municipality) (Sheet No. 9/39)

Weather Name of Su	•		<	Residential Area	~	٠ <u>٠</u>	Building (Other & Shops)	s & Shops)	F.3	Home Industry (Others)	(Others)		
	Weather :Fine Name of Surv : Mr. Ameen			Compercial Area (General) Buildings (Gov. Ottlee)	a (General) . Ottoe)	ប្ដ	Fruits Market & Parks Restaurant & Hotels	r Parks orels	0 3	School Const, Waste (Mixed)	Mixed)		
Type of Waste	2510	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste	aste												
Food Waste	Vaste	1.350	11,500									10,150	11.09
Paper	Paper	1.350										1,750	1.91
	Cardboard	2.420	7.000	1.980	5.000	٥	3.700					11,300	12.35
	Subtotal	3.770		1.980	5.000	0	3,700	0	0	0 10		0 13.050	
Plastics	s Film	1,980		1,350	2.320	1,350	2.900			1		4,740	
	Bottle & Others	1350										1.530	
	PET	0	200									200	0.22
	Subtotal	3.330	7.280	1.350	2,320	1,350	2,900	0		o jo		0 6.470	.0.2
Rubber	Rubber & Leather	0	400									400	
Textiles	5	2,500	4.520									2,020	2.21
Yard Waste	Vaste	1.350	4.500								_	3,150	
80 %		0	22.800									22,800	
Other	Other Org. Waste	2.320	l									9,650	
Organic Waste Total	aste Total	14,620	73.100	3,330	7,320	1.350	9.600	0		0 0		0 67.720	74.02
In-organic Waste	Waste												
Class	Broken Glass	0	180									130	0.20
	Bottle	1.350										1,330	
	Subtotal	1.350	2,860	0	°	0	0	0		0 0		0 1.510	1.65
Tin Q	Tin Cans (Steel Cans)	1.350		O	2.380							5,130	5.61
Alumin	Aluminum cans	0										90	0.09
Other Metals	Metals	0	2,900									2,900	3.17
Dr. A	Dirt. Ash. Sand	1.350	15.									14.150	
In-orrganic	In-orrganic Waste Total	4.050	25.440	0	2.380	0	0	0		0	0	0 23.770	25.98
Hazardous Waste	Waste												
Hazard	Hazardous Waste (Batteries)	0	0						_			ō	
Other E	Other Hazardous Waste	0					_						l
Hazardous	Hazardous Waste Total	0	0	0	0	0	0	٥		0 0		0	
Total Weight (kg) :	tht (kg) :	18.670	98.540	3,330	9.700	1.350	6.600	0		0 0		0 91.490	100.00
Total Wast	Total Waste Volume (lit.):												320
	,												

(2) Residential Area 2 (Micro Bins))

Result of Waste Composition Survey in Male' Residential Area (Micro Bins)

Sample No.		01	11	12	13	14	1.5	Max.	AVE.	Xiv.	Total	Ratio
Sampline Date, 1998	1998	20 Auc.	23 Aug.	24 Aug.	27 Aug.	29 Aug.	3 Sep.		<u>-</u>			(%)
Organic Waste												~
Food Waste		14,650	26,650	\$6,300	53,450	51.670	77,180	77,180	46.650	14,650	279,900	36.27
Paper Pa	Paper	2.180	9,350	3.850	12,960	16,410	11,330	16,410	9.347	2,180	\$6,080	7.27
4.1	Cardboard	480	\$520	5,750	13,320	6,040	8.000	13,320	6,185	780	37,110	4.81
S	Subtotal	2,660	14,870	009.6	26,280	22,450	17,330	26.280	15,532	2,660	93.190	12.08
Plastics Film	E	2,190	3,650	9.800	7,350	2,270	8,270	008'6	5.588	2,190	33,530	4.35
	Borde & Others	670	044	1.570	2,730	3,680	1,650	3,680	1.790	440	10,740	1.39
	PET	88	88	1,110	36	870	550	1,110	647	260	3,830	0.50
<u> </u>	Subtotal	3,360	4,680	12,480	10,340	6.820	10,470	12,480	8,025	3,360	48,150	6.24
Rubber & Leather	ather	78	1,680	1,720	760	0	1.820	1,820	1,113	0	6.680	0.87
Textiles		3,270	063	5,930	5,650	2.890	1,970	5,930	3,357	430	20,140	2.61
Yard Waste		3,180	230	20.020	9,500		24.820	24.820	11,117	530	66,700	8.64
Wood		450	089	\$.000	0	o	O	5.000	1.022	0	6,130	0.79
Other Org. Waste	/astc	2,970	13,900	0	21,020	73,650	14,650	73.650	21.032	0	126,190	16.35
Organic Waste Total	Total	31,240	63,420	111,050	127,000	166,130	148,240	166,130	107,847	31,240	647,080	83.86
In-organic Waste	9											
Glass Br	Broken Glass	470	180	880	096	086	280	980	625	180	3.750	0.49
	Bottle	1.750	1.010	2,750	3,650	3,630	370	3,650	2,193	370	13,160	1.71
	Subtotal	2,220	1.190	3,630	4,610		929	4.610	2,818	650	16,910	2.19
Tin Cars (Steel Cars)	sel Cans)	1.330	2.500	3,520	3,310	3.080	5.100	5,100	3,148	1,380	18.890	2.45
Aluminum cans	SU:	240	909	210	190	1,270	450	1,270	493	190	2,960	0.38
Other Metals		0	1,780	800	1.240	1,100	0	1,780	820	0	4,920	0.64
Dirt, Ash, Sand	멅	5.650	19,150	16,520	0	18,150	19,650	19.650	13,187	0	79,120	10.25
In-orrganic Waste Total	ste Total	065.6	25.220	24.680	058'6	28,210	25,850	28,210	20,467	9.350	122,800	15.91
Hazardous Waste	stc											
Hazardous W	Hazardous Waste (Batteries)	280	40	0	320	240	0	330	147	0	880	0.11
Other Hazardous Waste	dous Waste	0	0	0	340	120	88	8,	143	0	860	0.11
Hazardous Waste Total	ste Total	080	40	0	260	360	500	260	290	0	1,740	0.23
Total Weight (kg)	: (5)	41,010	88,680	135,730	136,910	194,700	174.590	194,700	128,603	41.010	771.620	100.00
Total Waste Volume (lit.)	olume (lit.) :	200	290	480	440	640	560	640	435	2002	2,610	
Bulk Density (kg/lit.)	cg/lit.):	0.205	0.306	0.283	0.311	0.304	0.312	0.312	0.287	0.205	0.296	

Record Sheets (Male Municipality) (Sheet No. 10/39)

eration S	Concretion Source . (A) Micro Bin					•		A 17		The second secon			
Weather	Weather Fine		√ ₽ .	Residential Area Commercial Area (General)	a (General)		Build Market & Parks Prairs Market & Parks	R Parks	2 o 3	Home industry (Others) School Const. Waste (Mixed)	(Others)		
70 20	V . IVAT. ACIANISII		វិ	son) elimina	(mm)	1			·			•	
Type of Waste	ite	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(%)
Organic Waste	ste												
Food Waste	ste	1.350	ĺ			,						14,650	35.72
Paper	Paper	2.320	L.									2,180	5.32
	Cardboard	2.320										480	1.17
	Subtotal	4.640	7.300	0	0	0	0		0 0	0 10	0	2.660	6.40
Plastics	Film	1.350										2,190	2.2
	Bottle & Others	1.350										670	1.63
	PET	2.320										500	1.77
	Subtotal	5.020	8,380	0	0	0	0		0 0	0	0	3,360	8.19
Rubber	Rubber & Leather	1.350										200	1.71
Textiles		1.350										3,270	7.97
Yard Waste	ગુડા	2,320										3,180	7.75
p∞∧		0	450									450	1.10
Other Org. Waste	g. Waste	1.350					-1					2,970	7.24
Organic Waste Total	ste Total	17,380	ľ	0	0	0	0		0 0	0	٥	31,240	76.18
In-organic Waste	/aste											°	
Glass	Broken Glass	1.350	1.820									470	1.15
	Bottle	1.350							,			1,750	4.27
	Subtotal	2,700	4.920	0	0	0	0		0 0	0	0	2.220	5.41
Tin Cans	Tin Cans (Steel Cans)	2,320								_		1,380	337
Aluminum cans	m cans	0	240									240	0.59
Other Metals	ctals	0	0									٥	8.0
Dir. Ash. Sand	. Sand	1.350	7.000			-							13.73
orrganic 1	In-orrganic Waste Total	6.370	15	0	0	0	٥		0	0	0	9.490	23.14
Hazardous Waste	Vaste												
Hazardon	Hazardous Waste (Batteries)	0	280									280	89:0
Other Ha	Other Hazardous Waste	0	0									O	000
ardous V	Hazardous Waste Total	0		0	0	0	0		0 0	0 10	0 0	280	0.68
Total Weight (kg)	t (kg) :	23.750	64,760	0	0	0	0 0		0 0	0	0 0	41,010	100.00
al Waste	Total Waste Volume (lit.):												8

Record Sheets (Male Municipality) (Sheet No. 11/39)

Weather : Fine, Name of Surveyor : Mr. I Type of Waste Organic Waste Food Waste Paper Paper	Was a Male and a second		•				Control of the control of	or Souppy)					
	: Mr. Ibrahim			Commercial Area (General) Buildings (GoM, Office)	a (Ceneral) රක්ෂ)	្ស	Philis Market & Parks Restaurant & Hotels	Parks Hols	o 2	School Const. Waste (Mixed)	Mixed)		
		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
			1		l								
		1.350	28.000									26.650	30.05
	li li	1.980	8.000	1.350	4,680							9.350	10.54
-	Cardboard	1,980	7.500									5,520	
Subtotal	[E]0;	3.960	15.500	1.350	4.680	0	0	٥		0	0 0	14,870	16.77
Plastics Film		1.350	5.000									3,650	4.12
Bour	Bottle & Others	1.350	1.790						:			077	0.50
PET		1.980	2,570									280	0.67
Subtotal	otal	4.680		0	0	0	0	0		o 10	0 0	4.680	5.28
Rubber & Leather		0									-	1,680	1.89
Textiles		1.350	1.780									430	0.48
Yard Waste		1.350	1.880							-		530	0,60
Wood		0	089									989	0.77
Other Org. Waste		1.350	15.							-		13,900	15.67
Organic Waste Total		14,040	74.	1.350	4.680	0	0	0		0 0	0	63.420	71.52
In-organic Waste												0	
Glass	Broken Glass	0	180	-								180	0.20
Bortle	le	1.350	2.360								_	1.010	1.14
Subtotal	otal	1.350	2.540	0	0	0	0	0)	0	0 0	1.190	1.34
Tin Cans (Steel Cans)		2.500	5.000									2.500	2.82
Aluminum cans		1.350	1.950									900	0.68
Other Metals		0	1.780								_	1,780	2.01
Dirt, Ash, Sand		1,350	20.500									19,150	21.59
In-orrganic Waste Total		6.550	31,770	0	0	0	0	0)	0	0 jo	25.220	28.44
Hazardous Waste													
Hazardous Waste (Batteries)	teries)	0	40									40	0.05
Other Hazardous Waste	te	0	0									0	0.00
Hazardous Waste Total		0	40	0	0	0	0	0		0	0 0	40	0.05
Total Weight (kg):		20.590	105.940	1.350	4.680	0	0	0		0	0 10	089'88	100.00
Total Waste Volume (lit.)													290
Bulk Density (kg/lit.):													0.306

Record Sheets (Male Municipality) (Sheet No. 12/39)

Presidence Constituent Cross	Survey Date Generation Source Weather Name of Surveyor	: 24 August : (A) Micro Bin : Fine : Mr. Ameen		g	Residential Area Commercial Area (General) Buildings (Gow. Office)	ca (Ceneral) : Office)	បីក្នុង	Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels	Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels	F3 0 E3	Home Industry (Others) School Const. Waste (Missed)	(Others) Missed)		
Paper 1,350 30,000 1,350 20,000 1,350 20,000 1,350 1	Type of Waste		Container Weight 1	osss cight		Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(%)
Paper 1,350 30,000 1,350 20,000 38.200 39.2	Organic Waste													
Paper 1:350 5:500 1:350 1:050	Food Waste		1.350			:							56.300	1
Curdoband 0 5.750 1.350 1.350 1.350 1.350 0	Paper	Paper	1.350										3.850	
Subrotal 1,350 1,1250 1,350	4	Cardboard	°											
Soute & Others 1,350 4,250 1,350 2,220		Subtotal	1.350											
Bothle & Others 1.350 2.020 1.350 2.450 1.350 2.450 1.350 2.450 1.350 2.450 1.350 2.450 1.350 2.450 1.350		田田	1.350									_	0.50	
PET 1.350 2.460 1.350 2.320 0 0 0 0 0 1.1 1.		Bottle & Others	1,350										1,570	
Subricial 4,050 9,630 1,350 1,350 0 0 0 0 0 1,320 1,35		PET	1.350											
Control Cont		Subtotal	4.050										12	
1,950 2,20	Rubber & Leat	150	ľ										1.720	ļ
1.050 22.000 2.00	Tactiles		2,320										5,930	١
Broken Glass Continue Conti	Vest West		080									-	20.020	14.75
Enoken Glass 11,050 87,850 4,050 38,300 0 0 0 0 0 0 111.5 Enoken Glass 1,050 87,850 4,050 38,300 0 0 0 0 0 0 0 Subotical 1,350 4,100 0 0 0 0 0 0 0 0 0	Tard Wash												2,000	3.68
Substitution 11,050 87,850 4,050 38,300 0 0 0 0 0 0 0 0 111.5 Brotte 1,350 4,100 0 0 0 0 0 0 0 0 0	Wood												0	0.00
Broken Glass 0 880 0 0 0 0 0 0 0	Chief Crg. wa	21	, 1050	1		١								81.82
Broken Glass 0 880	Organic wasie to			ļ		ļ							0	
1.350 4.100 0 0 0 0 0 0 3.6 1.500 1.500 0 0 0 0 0 0 3.6 1.980 18.500 0 0 0 0 0 0 0 0 0	in-organic wasic		\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \								<u> </u>		8%	\$9'0
1.980 4.980 0 0 0 0 0 0 3.6 0 0 0 0 0 3.6 0 0 0 0 3.6 0 0 0 3.6 0 0 0 3.6 0 0 0 0 0 0 0 0 0	Sister	Broken Class	192	١						<u></u>			2.75	2.03
1,980 5,500		Bottle	1 350	l										2.67
1.350	1	Sucrosa	080 1	1.							_		3.520	2.59
1.980 18.500 0 0 0 0 0 0 0 0 0	Jin Cans (Sire	Carre	1.350	ļ	100								210	0.15
1,980 18,500 0 0 0 0 0 0 24.68 24.68 31.340 0 0 0 0 0 0 24.68 34.68 0 0 0 0 0 0 0 0 0	Other Metals												80	
o.660 31.340 0 0 0 0 0 0 0 0 24.68 aste 0	Did Ash Sam		1.980	l									16.520	
aste 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	In-orreanic Waste	Total	9.666	Ì										18.18
site (Batteries) 0	Hazardous Waste													
Auts Waxte 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Daving days Wes	" (Bottomine)						_					_	0.00
Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Open House	r Weste			,				-			,		
: 17,710 119,190 4,050 38,300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The state of the state of	Le veneric								0				0.00
me (Jit.):	Take Modes wash		71.2.2.1	L	l	l				<u></u>				100,00
Total Waste Volume (iit.):	Lotal Weigni (Kg)			ı	1	l								480
	Lotal waste volume	ne (ut.) :												0.283

13/39)
(Sheet No.
Municipality)
Malc
Sheets (
Record

ATELIAC ON COLUMNIA	:(A) Micro Bin : Fine : Mr. Amem		< ½ ç	Residential Area Commercial Area (General) Hulldings (Gov. Office)	a (Ceneral)	ကို လ	Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels	Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels	£ 0 £	Home Industry (Others) School Const. Waste (Mixed)	(Mixed)		
Type of Waste		Container Weight 1	xs ight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%) (g)	Kato(%)
Organic Waste			1										
Food Waste		1.350	L	1,350	25.500	1,350	7.500		-			53.450	39.04
	Paner	2320		ŀ			8.500					12,960	0.47
	Cardboard	°						0	2.620			13,320	9.73
	Subtotal	2,320	10,000	2,42		1,350		0			0 0	26.280	19.20
Plastica	Film	1,980										7,350	5.37
	Route & Others	1.350							_			2,770	1.99
-	PFT	0							-			260	0.19
:	Subtotal	3.330	12.340	1.350	2.680	0	Ō	٥		0	0	0 10.340	7.55
Rubber & Leather	1	0										260	0.56
Textiles		1.350										5.650	4.13
Yard Waste		2.500										005.0	6.94
Wood		°	0									0	000
Other Ore. Waste	9	1.980								L		21.020	j
Organic Waste Total		12.830		5.120	37.110	2,700	18,320		0 2.620		0	0 127.000	92,76
In-organic Waste												٥	
Gass	Broken Glass		096									006	0.70
	Bottle	1.350								سم		3.650	
	Subtota;	1.350	5,960	0	0	0	0		0	o	0	0 4,610	
Tin Cans (Steel Cans)	Cans)	1.350										3,310	2.42
Aluminum Cans		1.350										190	
Other Metals										_	-1-	1,240	
Dirt. Ash. Sand		Ľ	0 0										
In-orrganic Waste Total	ota!	4.050	13.400	0	0 0	0 [(0)	0	0	0 9.350	6.83
Hazardous Waste													
Hazardous Waste (Batteries)	e (Batteries)	Ľ	0 320	1								320	
Other Hazardous Waste	s Waste	_	0 240									240	
Hazardous Waste Total	otal		0 \$60		0	0 0	0		0	0	0	0 \$60	0.41
Total Weight (kg):		16.880	095.501 0	5.120	37.110	5 2.700	18,320		0 2.620	0,	0	0 136.910	100,00
Total Waste Volume (ltt.)	c (ht.) :												440
Rulk Density (kr/lit.)		-											0.311

8 5 5 S

194 700

41.960

173,680

240 120 360

0

Hazardous Waste (Batteries)

Hazardous Waste

Other Hazardous Waste Hazardous Waste Total

otal Waste Volume (lit.):

otal Weight (kg):

Bulk Density (kg/lit.):

0

0

Record Sheets (Male Municipality) (Sheet No. 14/39)

Survey Date Generation Source Weather	: 29 August : (A) Micro Bin : Fine		9 v 2 2	Generation Sources Residential Area Cournercial Area (General)	Sources a ta (General)	، ۾ ٽ ٽ	Generation Sources Building (Office & Shops) Fuits Market & Parks	Sources is & Shops) Parks	90 % o :	Generation Source Home Industry (Others) School	Source (Others)		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight?	Gross Weight 2	Container	Gross Weight 3	Container Weight 4	Gross Weicht 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste							7						
Food Waste		1.350	25.000	1.980	30.000							51,670	26.54
Paper	Paper	2.500		1.350	2.500	1.350	2.140	1.350	4,320			16,410	8.43
	Cardboard	0	2.260	¢								6,040	3.10
	Subtotal	2.500		1.350	9.280	1.350	2,140	1.350	4.320	0	0	22,450	11.53
Plastics	Film	1,980	2.920	1,350	2,680							2,270	1.17
	Bottle & Others	2,320										3,680	1.89
	PET	1,350										870	0.45
	Subtotal	5.650	11,140	1,350	2,680	0	0	0	0	0	0	6.820	3.50
Rubber & Leather	5	٥										0	0.00
Textiles		1,350	4.240									2,890	1.48
Yard Waste		1.350								- 400		8.650	4.44
Wood		0										0	0.00
Other Org. Waste	护	1,350	000.57							-		73,650	37.83
Organic Waste Total		13.550	138.640	4.680	41,960	1,350	2.140	1,350	4.320	0	٥	166.130	85.33
In-organic Waste										:		0	
Glass	Broken Glass	0	980			i						980	0,50
	Bottle	1.350	4.980									3.630	1.86
	Subtotal	1,350		0	0	0	0	0	0	0	0	4.610	2.37
Tin Cans (Steel Cans)	Cans)	2.420	005.2									3,080	1.58
Aluminum cans		1350										1,270	0.65
Other Metals		0										1,100	0.56
Dirt, Ash. Sand		1.350	19.500									18,150	
In-orrganic Waste Tota	ota l	6,470	34.680	0	0	0	0	ö	0	0	0	28.210	14.49

Record Sheets (Male Municipality) (Sheet No. 15/39)

Generation Source	Home Industry (Others)	School	Const. Waste (Mixed)
ğ	P-3	0	23
Generation Sources	Building (Office & Shops)	Fruits Market & Parks	Restaurant & Hotels
80	3	Ω	ជា
Generation Sources	Residential Area	Commercial Area (General)	Buildings (Covt. Office)
Code	∢	1-8	ប៉
: 3 September	:(A) Micro Bin	: Cloudy	: Mr. Ameen
Survey Date	Generation Source	Weather : Cloudy	Name of Surveyor

							3	7					(1)
Organic Waste		weight 1	weight 1	weight 2	weight 2	Weight 3	Weight 3	Weight 4	Weight 4	Weight 5	Weight 5	(H)	
Food Waste		2.420	24.000	1.350	15.000	1.350	21,000	052 1	1000	1350	0009	127.1301	14.7
Paper	Paper	1.350	0.6								l		8
	Cardboard	0		0	3,100							000'9	4.6
	Subtotal	1.350		2.320	:	0	٥	٥	٥	0	0	7.7	9,93
Plastics	Film	1.980		1.350								8.270	4,74
	Bottle & Others	1.350										1,650	0.95
	PET	1.350										550	0.32
	Subtotal	4.680		1,350	\$.100	0	0	0	°	٥	0	ģ	90'9
Rubber & Leather	ner	0	1,820									1.820	\$
Textiles		1.350										1,970	::3
Yard Waste		1.980		1.350	20,000	1.350	3.500					24,820	7. 13.7.
Wood		0										0	8.0
Other Org. Waste	ite	1.350	16,000									14,650	8,39
Organic Waste Total	al	13,130	74,440	6.370	49.200	2,700	24,500	1,350	19.000	1,350	9,000	148,240	84.91
In-organic Waste												٥	
Glass	Broken Glass	0									-	250	0.76
	Bottle	1.350	1.720									370	0.21
	Subtotal	1.350	2.0	0	0	0	0	0	0	٥	0	059	0.37
Tin Cans (Steel Cans)	Cans)	1.350		1.350	2.700							5,100	2.92
Aluminum cans		1.350	1.800									450	0.26
Other Metals		0	0									o	8.0
Dirt. Ash. Sand		1,350	21,000					-				19.650	11.25
In-orrganic Waste Total	[ota]	5.400	29.5	1,350	2,700	ō	0	0	0	٥	0	2,	14.81
Hazardous Waste													
Hazardous Waste (Batteries)	te (Batteries)	0	0									0	000
Other Hazardous Waste	is Waste	0	008									88	0.50
Hazardous Waste Total	ofal	0	4,	0	0	0	0	0	0	0	0	200	0.29
Total Weight (kg):		18,530	104,840	7.720	\$1,900	2.700	24.500	1.350	19,000	1.350	000'9	174.5901	100.00
Total Waste Volume (lit.)	ic (lit.) :												560

(3) Commercial Area (General Commercial Area)

Result of Waste Composition Survey in Male' Commercial Area - General

		16	17	18	19	20	21	22	Max.	Avg.	Min	Total	Ratio
Sampling D	Sampling Date 1008	26 Aug.	26 Aug.	27 Aug.	29 Aug.	2 Sep.	2 Sep.	3 Sep.	_{				<u></u>
Oreanic Waste	ser.												
Ecot West	2,50	8.650	300	3,650	3,630	19,680	21,650	33.970	33,970	13.061	200	91.430	12.83
300	Dane	11 870	15.050	18.360	11.63	12,900	5.720	36.830	36.830	16.051	5,720	112,360	15.76
d d	Cardboard	030.44	32.360	37.240		14.200	10.980	21.200	61.930	31.613	10.980	221,290	31.04
	Subrota!	55.250	47.410	55,600		27.100	16.700	58.030	73.560	47.664	16.700	333,650	46.81
2	Elm	0.450	0.690	3,180		4,150	2.800	6.900	069'6	5,913	2.800	41,390	5.81
3	Borrie & Others	1,220	1.850	350		7.700	300	1.850	7.700	2.631	300	18,420	2.58
	PET	1.900		003		2.070	370	380	4,080	1.607	350	11.250	1.58
	Subrotal	9.570		4160	15,220	13.920	3,470	9.100	15,620	10,151	3.470	71.060	9.97
Dibber	Rubber & Leather	029	2.850	1,020	1,230	340	200	1,650	2.850	1.173	340	8.210	1.15
Teveiler		2.030		6,650	1.340	2,850	3.400	1.770	6.650	2.777	1.340	19.440	2.73
Yard Wash	Saste	8,150		2,150	0	16.300	7.580	16.150	16,300	7.190	ō	50.330	7.06
N.		0	2.83	0	200	ō	1,390	4.150	4.150	1.224	O	8.570	1.20
	Other Ore Waste	059.9		0	0	9.020	4,650	17.650	17.650	5.424	0	37.970	5.33
Organic Waste Total	aste Total	90.920	70.31	73,230	95,180	89.210	59,340	142.470	142.470	88.666	59.340	620.660	87.07
In-organic Waste	Wasto												
Glass	Broken Glass	1.400	280	0	120	220	200	0	1.400	380	0	2,520	0.50
	Bortle	044	0	0	840	1.050	380	2,150	2.150	694	ō	98.4	0.68
	Subtotal	1.840	580	0	096	1,270	\$80	2.150	2.150	1.054	ō	7,380	1.04
	To Cans (Steel Cans)	1,650	290	1.650	1,210	2,150	1.250	4.650	4.650	1.879	38	13,150	1.84
Alumin	Aluminum cans	570	0	270	1.130	3.580	270	150	3.580	853	٥	5.970	0.84
Other Metals	detals	902	200	0	1,540	0	0	0	1.540	349	°	2.440	0.34
Dir. As	Dir. Ash. Sand	0	0	9.000	0	13,650	14.150	23.080	23.080	8,554	ō	59,880	3.40
a-orrganic	In-orrganic Waste Total	4.760	1,370	10,920	4.84C	20.650	16.250	30,030	30.030	12,689	1,370	88.820	12.46
Hazardous Waste	Waste						Ì				Ī		100
Hazarde	Hazardous Waste (Batteries)	006	0	540	340	220	ğ	700	8	400	5	2.800	6.0
Other H	Other Hazardous Waste	0	0	100	240	0	120	100	240	ヌ	0	88	20.0
lazardous	Hazardous Waste Total	006	0	640	280	220	220	800	8	480	ō	3360	0.47
Total Weight (kg)	tht (Re.)	96.580	71.680	84.790	100,600	110,080	75,810	173,300	173,300	101.834	71.680	712.840	100.00
otal Wast	Total Waste Volume (lit.)	930	670	480	2,00	640	480	800	930	089	480	4.760	
Doub Descript /brefit			15.0	, a	•	40.0	0310		1.00		7000	C 4 C	

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Fire Paris Survey Date Generation Source	: 26 August : (B-1)		8 8 4	Generation Sources Residential Area	ources	3 3	Generation Sources Building (Office & Shops)	ources & Shope)	5. Co	Generation Source Home Industry (Others)	Source (Others)			
Page	Veather Jame of Surveyor	: Fine		: I 3	Commercial Are Buildings (Govr	a (General) . Office)	ប្ដ	Fruits Market & Restaurant & Ho	Parks otels	0 2	School Const. Waste (Mixed)		
Paper 1.350 1.350 2.350 1.350 2.32	type of Waste		Container	Gross	Container	Gross Weight	Container	Gross	Container	Gross	Container	א לי פו	Net Weight	Ratio(%)
Paper 1.356 1.0506 1.350 2.320 2.320 8.000 2.500 4.340 1.350 3.3001 1.310 1.320 3.3001 1.310 1.320 3.3001 1.310 1.320 3.3001 1.320 3.3001 1.320 3.3001	Dreamic Waste		Weignt 1	weignt 1	weignt 2	(X) 7	weignt 5	w ciking	weight	a cikin t	A CITY III		(A)	
Paper 1.350 2.360 1.350 2.320 2.320 8.000 2.500 4.340 1.350 3.300 11.350 46.320 46.320 43.320 46.320 43.	Food Waste		1.350									_	8,650	
Cardeboard 1350 4330 2.240 2,320 4,320 1,350 45,300 5,230	Paper	Paper	1.350	l	l									
Subtoral 1.350 46,240 1.350 2.220	·	Cardboard		l									43,380	
Filling 1,350 4,400 2,420 3,480 1,980 4,320 1,920 1,		Subtotal	1,350											il
Pottle & Others Column C	Plastics	Film	1,350										6.450	•
FETT 0 1,900 1		Bottle & Others	0										1.220	
Subtotabil 1.350 7.520 2.420 1.980 4.320 0 0 0 9.570 9.590 r 1.350 6.260 2.480 1.980 4.320 0 0 0 9.570 2.200 2.380 2.3		PET	_										1,900	: I
1.350 3.380	·····	Subtotal	1.350											9.908884
1,350 3,380	Rubber & Leather												020	
1,350 9,500	Textiles		1,350										2,030	
Procket Glass 1.350 8.000 9.770 8.770 9.77	Yard Waste		1.350								-		8.150	
1350 8.000 9.770 9.730 9.2500 4.340 1.350 9.3300 90.920 94.340 9.3400 90.920 94.340 9.3400 90.920 94.340 9.3400 94.340 9.3400 94.340	Wood										****		0	
Stroken Glass St.100 St.260 3.770 St.720 4.300 12.320 2.500 4.340 1.350 3.300 96.3200 94.1 Broken Glass	Other Org. Waste		1.350										6,650	
Broken Glass	organic Waste Total		8,100											
Subtostation 1.400	n-organic Waste						,							
Bottle 0 440 0<	Glass	Broken Glass)	1									1.400	
Subtotal 0 1.840 0 0 0 0 0 0 0 0 1.840 1.940		Bottle											440	0.455581
Cans) 1,350 3,000 1,350 <th< td=""><td></td><td>Subtotal</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td>1.905156</td></th<>		Subtotal							0					1.905156
s 1,350 1,920 1,9	Tin Cans (Steel C	ans)	1.350										1.650	
Total C C C C C C C C C	Auminum cans		1.350							į			570	
Total Color Colo	Other Metals												j 700	
Total 2,700 7,460 0 0 0 0 0 0 4,760 4,36 4,36 4,360 0 0 0 4,760 4,36 13,30 4,360 0	Dirt. Ash. Sand)										0	
stc (Batteries) 0 900 1 900 1 900 1 2 3	n-orrganic Waste To)tal	2,700						0					
ste (Barteries) 0 900 <	dazardous Waste													
us Waste 0<	Hazardous Waste	: (Batteries))										006	
Total 0 90 0 <td>Other Hazardous</td> <td>Waste</td> <td>)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td>	Other Hazardous	Waste)										0	0
: 10.800 93.620 3.770 8.720 4.300 12.320 2.500 4.340 1.350 96.580 ne (iit.): it.):	fazardous Waste To	tal)											
	fotal Weight (kg):		10.800											
	Fotal Waste Volume	(lit.) :	1											930
	Bulk Density (kg/lit.)	::								į				0.104

Record Sheets (Male Municipality) (Sheet No. 17/39)

Part Part	Survey Date Generation Source : Weather : Name of Surveyor :	: 26 August :(B-1) : Fine : Mr. Amoen		9 6 7 8 7 8	Generation Sources Residential Area Commercial Area (General) Buildings (Gent. Office)	ources a (General)	မှီ ဝိဝိဝ အ	Generation Sources Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels	Sources s.e. Shops) Parks orels	00 E 0 E	Generation Source Home Industry (Others) School Const. Waste (Mixed)	Source (Others) Mixed)		
Columbia Columbia	Vaste		Container Weight 1	[:	I.	Gross Weight 2 (g)		Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(%)
Column	Vaste													
1,250 4,270 1,350 4,700 1,980 3,300 2,500 1,350 4,6460 1,350 4,6460 1,350 4,6460 1,350 4,6460 1,350 4,6460 1,350 1,350 4,6460 1,350	Waste		0	200									2002	0.279018
Continue		aper	1.350	4.9	1.350			3,300						20.99609
1.350 12.420 1.350 2.340 0.3480 1.980 6.480 2.500 1.950 1.350 1.350 2.340 1.350 2.340 1.980 2.340 1.980 2.340 1.980 2.340 2.	<u>. ~</u>	Cardboard	0	7.500	0	4,680		3.180		7.500				45.14509
2,320 4,020 1,350 2,840 0 3,480 1,980 5,000 0 0 1,350	[47	Subtotal	1.350	12.4	1.350			6.480						66.14118
1,350 3,200 1,35		E E	2,320	4.(1.350			3.480					069.6	
1,000 1,00	<u>114</u>	Sottle & Others	1.350										1,850	
1,350 13,720 1,350 1,3	T _I	ोटा 	2.420										4,080	
1350 4200	Ιώ	ubtotal	90.9			2.840		3.480						21.79129
1,400	er & Leather		1.350										2,850	3.976004
1,350 4,180 1,220 1,220 1,980 9,960 4,480 18,500 1,350 1,4,160 70,310 9,960 4,480 18,500 1,350 1,4,160 70,310 9,960 4,480 18,500 1,350 1,4,160 7,1680 7,1	బ		0		Ì								1,400	1.953125
1.350 4.180 1.220 1.980 9.960 4.480 18.500 1.350 14.160 70.310 98.08 18.200 1.350 1.350 1.350 2.700 12.220 1.980 9.960 4.480 18.500 1.350 1.4160 70.310 98.08 1.350 2.720 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Waste		0	0									٥	0
10.140 36.120 12.220 1.980 9.960 4.480 18.500 1.4.160 70.310 98.08 2			1.350	4.1							****		2,830	3.948103
10.140 36.120 2.700 12.220 1.980 9.960 4.480 18.500 1.350 14.160 70.310 98.08 2	Org. Waste		0	O	-								0	0
Signature Sign	Vaste Total		10.140	36.1	2,700			096'6						98.08873
En Glass 0 \$80 0	: Waste													
1.356 1.940 0 0 0 0 0 0 0 0 0	픠	Sroken Glass	٥	580									580	0.809152
trail 0 580 0 0 0 0 580 0.809 1.350 1.940 0	144	Sottle	0	0								_	0	ि
1,350 1,940 90 90 98.23 no 0	S	ubtotal	0	580	0	0		0	0	0				0.809152
Company Comp	ins (Steel Car	(\$1	1.350	1.5									590	
ricks) 0 200	num cans		0	0									0	0
1.350 2.720 0 0 0 0 0 0 0 0 1.370 1.911	Metals		0	200									200	0.279018
1.350 2.720 0 0 0 0 0 0 0 0 1.370 1.911 1.450 0 0 0 0 0 1.370 1.911 1.450 1.350 1.220 1.980 9.960 4.480 18.500 1.350 14.160 71.680 1.350	Ash. Sand		0	0							-		0	0
rice) 0 <td>ic Waste Tota</td> <td>1</td> <td>1.350</td> <td>2.720</td> <td>0</td> <td>0</td> <td>_</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td>1.911272</td>	ic Waste Tota	1	1.350	2.720	0	0	_	0	0	0				1.911272
rites) 0 <td>s Waste</td> <td></td>	s Waste													
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	dous Waste ()	Satteries)	0	0									0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Hazardous W	aste	0	0	•								0	0
: : : 11.490 38.840 2.700 12.220 1.980 9.960 4.480 18.500 1.350 14.160 71.680 0.	s Waste Total		0	0	0	0		0	0					0
0	ght (kg) :		11.490	38.840	2.700	12.220								100
	ste Volume (li	t):												670
	sity (kg/lit.):												Í	0.107

Record Sheets (Male Municipality) (Sheet No. 18/39)

Container Cont		: 27 August : (B-1) : Finc		S & G	Generation Sources Residential Area Commercial Area (General)	ources a (General)	မွာ ရေး ပိ	Generation Sources Building (Office & Shops) Fruis Market & Parks	Sources s & Shops) : Parts	5 5 0 5 5 0	Generation Source Home Industry (Others) School	Source (Others)		
Contained Cross Contained Cross Contained Cross Contained Cross Contained Cross Cross Contained Cross Cros	Name of Surveyor	: Mr. Ameen		ថ	Buildings (Con.	omo)	ш	Restaurant & H	orels	53	Const, Waste (/(ixed)		
1,350 5,000 2,420 1,35	Type of Waste		Container Weight 1	12		Gross Weight	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weicht 4	Container Weight 5	1	Net Weight	Ratio(%)
1.350 5.000 1.05	Organic Waste				1	/ / /							/W.	
1,350 4,340 2,420 7,000 1,980 6,200 1,980 6,300 1,350 3,700 3,7504 5,500 5,500 5,500 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 6,200 1,980 1,9	Food Waste		1.350										3.650	
Authorized 1.350 3.7240 7.0240 1.080 6.200 1.080 6.200 1.390 6.300 1.350 3.700 3.7240	Paper	Paper	1.350			7.000	L	6,200						
1350 1350 1360 2320		Cardboard	°							L			L	ľ
1,250 5,500 1,000 1,10		Subtotal	1,350			7.000		6.200	1.980					1
1,350 1,700 1,30	Plasnes	Film	2,320											3.750442
ET 1.350 1.980 0 0 0 0 0 0 0 0 0		Bottle & Others	1,350										350	
1,020 1,02		PET	1.350										8	
1,020 1			\$.020			0		0	0	0			4.160	4.906239
1.356 8.000	Rubber & Leather		0								-		020,1	1.202972
1.356 3.500	Textiles		1.350										6.650	7.842906
0 0 0 0 0 0 0 0 0 0	Yard Waste		1.350										2150	
10.420 68.180 2.420 7.000 1.980 6.200 1.980 6.300 1.350 3.700 73.230 86.3663 10.420 68.180 2.420 7.000 1.980 6.200 1.980 6.300 1.350 3.700 73.230 86.3663	Wood		0										°	
10.420 68.186 2.420 7.000 1.980 6.200 1.980 6.300 1.350 3.700 73.230 86.3663	Other Org. Waste		٥										0	0
rocken Glass 0 <t< td=""><td>rganic Waste Total</td><td></td><td>10.420</td><td></td><td></td><td>7.000</td><td></td><td>6,200</td><td></td><td></td><td></td><td></td><td></td><td>86.36632</td></t<>	rganic Waste Total		10.420			7.000		6,200						86.36632
rocken Glass 0 <t< td=""><td>-organic Waste</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	-organic Waste													
option of the properties	Glass	Broken Glass	ō										°	0
National National		Воще	0 [°	0
1.350 3.00		Subtotal	0			0		0	0	С			0	0
1.550 1.620 0.3	Tin Cans (Steel C.	ans)	1.350										1,650	1.945984
2.500 11.500 0 0 0 0 0 0 0 0 0	Aluminum cans		1.350										270	0.318434
2.500 11.500 2.500 10.320 2.500 10.320 2.500 10.320 2.500	Other Metals		0										°	
\$1.00 16.120 0 0 0 0 0 0 0 10.920 12.24	Dirt. Ash. Sand		2,500										2,000	10.61446
Sate S40 S40 <td>orrganic Waste To</td> <td>tal</td> <td>5,200</td> <td></td> <td></td> <td>O</td> <td></td> <td>ō</td> <td>0</td> <td>0</td> <td></td> <td>O</td> <td>10,920</td> <td></td>	orrganic Waste To	tal	5,200			O		ō	0	0		O	10,920	
Satteness) 0 \$40 54	azardous Waste													ł
aste 0 100 100 0 100 0 0 0 0 0 0 0 0 0 0 0	Hazardous Waste	(Battenes)	0										340	0.636868
0 640 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other Hazardous	Waste	0										1001	
(lit.): 15.620 84.940 2.420 7.000 1.980 6.200 1.980 6.300 1.350 3.700 84.790	azardous Waste Tot	ļu	0			0	0	0	0	0		0	640	
(Jiz.):	otal Weight (kg):		15.620			7,000		6.200	1.980	6.300			84.790	100
	otal Waste Volume	(lit.) :												087
	sulk Density (kg/lit.)	;												0.177

Record Sheets (Male Municipality) (Sheet No. 19/39)

Generation Source : (B-1)		ğ 0 ∢ i	Generation Sources Residential Area	Sources	3 6 6	Ceneration Sources Building (Office & Shops) Proje Market & Parks	ources & Shope) Parks	ğ S £ c	Ceneration Source Home Industry (Others) School	(Others)		
: Mr. Ameen		ដីប៉	Commercial Area (Cons.) Buildings (Cons. Office)	t. Ottos)	វ ធ	Restaurant & Hotels	rels	· 3	Const. Waste (Mixed)	(Mixed)		
	Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight Container 2 (g) Weight 3	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(%)
												1
	1,350	4.980									3,630	- 1
Paper	1.980		1,350	4.840	2,420	5,000	025.2	4.860			11,630	
Cardboard				(4	0	18,000	0	8.950		0 4,980		- 1
Subtotal	1.980	10.000	1.350		2,420	23,000	2,320	13.810		0 4,980	5	
Fig	1.350			5.500	1.350	3.980					8,220	
Roule & Others	1,350									-	5,150	
PET	1.350										1.850	
Subtotal	4.050	13.560	2.420	5.500	1.350	3.980	0	0		0	15.220	}
	1,350										1,230	~
		١.									1.340	1.332008
		l))
		K									200	0.198807
					_						0	
	8,730	32.660	3,770	35,340	3,770	26.980	2,320	13.810		0 4,980	95.180	94.61233
Broken Glass		0 120									120	ျ
Вопіс		0 840									840	- 1
Subtotal		096 0	٥	0	0	0	0	0		0 0	096	
Tin Cans (Steel Cans)	1.350			_	_					_	2,230	٦'
	1.350										1,130	- 1
		0 1.540								_	1,540	1.530815
		0 0										- 1
	2,700	7.540	0	0 (0 0	0	0	0		0	0 4.840	4.811133
Hazardous Waste (Batteries)		0 340									3	340 0.337972
Other Hazardous Waste		0 240									340	
		0 580		0 0	0	0	0	0		0	085	0.576541
	11.430	4	3.770	35.340	3,770	26.980	2.320	13.810		0 4,980	100,600	
Total Waste Volume (lit.):												760

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Second Parametria Paramet	Survey Date Generation Source Weather	: 2 September : (B-1) : Fine		6. > Code	Generation Sources Residential Area Commercial Area (General)	Sources ** ** ** ** ** ** ** ** ** ** ** ** **	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Generation Sources Building (Office & Shops) Pruits Market & Parks	Sources e & Shops) : Parks	Code o 3.3	Generation Source Home Industry (Others) School	Source (Others)		
Page Page	Name of Surveyor	: Mr. Ameen		លី	Buildings (Cov	r. Office)	ല	Restaurant & H	otels	53	Const. Waste	(Mixed)		
Faper 1.220 2.200 1.35	Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weigh 2 (g)	t Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (R)	Ratio(%)
Page Page	Organic Waste													
Property 1.350 8.600 1.350 7.000 9.400 0.1800 0.1800 1.200	Food Waste		2.320									_	19,680	
Cárdosaired 0 4.700 0 3.400 0 1.800 0 2.400 2.500 2.400 0 1.800 0 2.700 2.500 2.400 0 3.400 0 0 0 2.700 2.500 2.420 4.820 0 0 0 0 2.700 2.700 0.500 1.350 2.500 2.420 4.820 0 0 0 0 0 0 0 0 1.300	Paper	Paper	1.350		Ĺ		6						12,900	
Subricial 1.350		Cardboard	°										14,200	
Filter 1350 5.500 1.350 2.420 4.820 0 0 0 0 1.350 1.350 0.350 0.350 2.420 4.820 0 0 0 0 0 0 0 0 0		Subtotal	1.350											ı
Bottle Schees 1.350 6.000 1.350 2.000 2.420 4.820 0 0 0 1.350 1.3	Plastics	Film	1,350				-						4,150	
PEFT 1.350 3.420 1.350 2.420		Bottle & Others	1.350										2,700	- 1
Subtropal 4,050 13,4920 1350 24,000 2,420 4,820 0 0 0 0 13,920 12,62 0 0 0 0 0 0 0 0 0		PET	1.350									-	2070	
1.350		Subtotal	4.050		L									
1.350 4.300 1.350 8.000 1.350 1.450 1.35	Rubber & Leathe		-										24.	
1.350 11,000 1.350 8,000 1.350 9,000 1.350 11,000 1.350 11,000 1.350 11,000 1.350	Textiles		1.350			_	_			-			2,850	
Section Column	Yard Wasto		1.350				ō					_	16,300	14.80741
Stocken Glass	Wood		0											
Septem Glass 12,400 76,760 4,050 21,300 2,420 8,1220 0 1,800 0 0 0 0 8,9,210 81,0 Septem Glass 1,350 2,400 0 0 0 0 0 0 0 0 Septem Glass 1,350 2,400 0 0 0 0 0 0 0 0 0	Other Org. Wast	Ų	1.980	Į									9:020	
Stocken Glass 0 220 1.350 2.400 0 0 0 0 0 0 0 0 0	Organic Waste Total		12,400											81.04106
roken Glass 0 220 1.350 2.400 0 0 0 0 0 0 0 1.27	In-organic Waste													
1.350 2.400 0 0 0 0 0 0 0 0 0	Glass	Broken Glass	0		10		-	-		_			ž	
1.350 2.620 0 0 0 0 0 0 1.270 1.150 2.420 6.000 0 0 0 0 0 1.270 1.150 1.350 15.000 0 0 0 0 0 0 0 0 0		Bottle	1.350		Ī								202	
Sy 1.350 3.500 So So So So So So So		Subtotal	1,350											ł
2.420 6.000 9 9.350 3.5 9.5	Tin Cans (Steel	Cans)	1.350				_						2.150	~1
1,350 15,000 0 0 0 0 0 0 0 12,000 1	Aluminum cans		2.420								undi-m	-	3.580	
1.350 15.000 0 0 0 0 0 0 0 12.4 12.5 15.5 15.5 12.5	Other Metals		-		10						-Cado		_	- 1
Satteries) 6.470 27.120 0 0 0 0 0 0 0 0 0 20.650 18.7 aste 0 220 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dirt. Ash. Sand		1.350		Jc		}						13,650	
Astrerios) 0 22	In-orrganic Waste T	otal	6.470											18.75908
Satterions 0 220 0 <t< td=""><td>Hazardous Waste</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Hazardous Waste													
aste 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Hazardous Wast	te (Batteries))		je		-						ž.	0 0.199855
t,):	Other Hazardous	s Waste)		3						_			- 4
18.870	Hazardous Waste To	otal								_) (0[0.18
IC \cdot \	Total Weight (kg):		18.870) [Ö	elip 4	0 100
	Total Waste Volume	e (lit.) :	_											640
	Rolle Densiry (kg/lit													0.172

Record Sheets (Male Municipality) (Sheet No. 21/39)

Paper of Waste Constance	Survey Date Generation Source Weather Name of Surveyor	: 2 September : (B-1) : Fine : Mr. Ameen		og Code	Generation Sources Residential Area Commercial Area (General) Buildings (Govt, Office)	ources a (General)	9 0 0 0 0 0	Generation Sources Building (Office & Shops) Fruits Market & Parks Restaurent & Hotels	ources & Shops) Parks orels	5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	Generation Source Home Industry (Others) School Const. Waste (Mixed)	Source (Others) Mixed)		
1350 23.000 1.920 1.920 1.920 1.920 1.920 1.94	Type of Waste		Container Weight 1	Gross Weight 1		Gross Weight 2 (g)	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight (g)	Ratio(%)
1350 25000 1360	Organic Waste													
eff 1,350 6,500 1,350 6,500 1,350 0,500 1,540 0 1,640 0 1,640 0 1,640 0 1,640 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 1,6200 0 0 1,6200 0 0 1,6200 0<	Food Waste		1.350	23.0									21,650	
Consult 6 4.50 0 2.2460 0 1.646 0 1.6700 total 1.350 1.350 1.350 1.350 1.350 0 2.460 0 1.640 0 0 1.6700 total 1.350 1.350 1.350 1.350 1.350 0	Paper	Paper	1.350										5,720	7.545179
1.350 11,000 1350 4300 0 2460 0 1640 0 16700 167	•	Cardboard	°										10,980	1
1,350 3,580 1,350 1,92		Subtotal	3.350											
1.350 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.40 3.20 3.20 3.40 3.20	Plastics	Film	1.350										2,800	
Cocal 2.700 5.600 1.350 1.920 0 0 0 0 0 0 0 0 0		Bottle & Others	0							ļ			300	0.395726
tenal 2,700 5,600 1,320 0 0 0 0 3,470 0 5,600 1,350 1,300		PET	1.350										370	0.488062
Column		Subtotal	2,700	1		1,920			0				3.470	4.577233
1,350 3,400 1,35	Rubber & Leather		0										200	0.659544
2.420 10.000 7.380 1.350 2.740 6.220 2.460 0 1.640 0 2.460 List 2.700 6.220 0 2.460 0 1.640 0 0 59.340 Ren Glass 0 2.700 6.220 0 2.460 0 <td>Textiles</td> <td></td> <td>°</td> <td></td> <td></td> <td></td> <td></td> <td>[</td> <td></td> <td></td> <td></td> <td></td> <td>3,400</td> <td>4.484896</td>	Textiles		°					[3,400	4.484896
Li350 2.740 1.350 2.740 1.350 2.740 1.350 2.740 1.350 2.740 0 2.460 0 1.640 0 0 2.620 ken Glass 0 2.00 0 </td <td>Yard Waste</td> <td></td> <td>2,420</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7,580</td> <td></td>	Yard Waste		2,420										7,580	
1.350 6.000 6.220 0.2460 0.2460 0.0 1.640 0.0 5.340 0.2460 0.0 1.640 0.0 1.640 0.0 5.340 0.0 1.640 0.0	Wood		1.350								cons.		1,390	1.833531
Ken Glass 0 2.460 0 2.460 0 1.640 0 0 59.340 Ken Glass 0 2.200 0 0 2.460 0	Other Org. Waste		1,350										4,650	6.133755
ken Glass 0 200 0 <th< td=""><td>Organic Waste Total</td><td></td><td>10.520</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>59.340</td><td></td></th<>	Organic Waste Total		10.520										59.340	
ken Glass 0 200 0 <th< td=""><td>In-organic Waste</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	In-organic Waste													
tide 0 380 0 0 0 0 0 0 0 0 0 580 total 580 0	Glass	Broken Glass	0							1			200	0.263817
total 0 <td></td> <td>Bottle</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>į</td> <td></td> <td>380</td> <td>0.501253</td>		Bottle	0							-	į		380	0.501253
1350 2,600 0<		Subtotal	0			0	0		0				280	0.765071
1.350 1.620	Tin Cans (Steel C	ans)	1,350										1,250	1.648859
1.350 1.55	Aluminum cans		1.350										270	0.356154
1.350 15.500	Other Metals		0]	1							1		٥	Ö
4.056 20.300 0 0 0 0 0 16.250 21.40 1.0540 1	Dirt. Ash. Sand		1,350										14.150	18.66508
teries) 0 100 1 120 1 120 0.1 c 0 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	In-orrganic Waste To	ta!	4.050			0	0		0				16,250	21.43517
teries) 0 100 120 </td <td>Hazardous Waste</td> <td></td>	Hazardous Waste													
ce 0 120 0	Hazardous Waste	(Batteries)	0 {	1									001	
0 220 0 0 0 0 0 0 0	Other Hazardous	Waste	0	Į į]	120	0.15829
: : : 14,570 82,760 2,700 6.220 0 2,460 0 1,640 0 0 75,810	Hazardous Waste Tot]E	0	2	0		0		0				220	0.290199
	Total Weight (kg):		14.570	82.7	2,700		0						75.810	100
	Total Waste Volume	(lit.) :												480
	Bulk Density (kg/lit.)													0.158

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Coudy Surveyor Mr. Amorem Co. Building (Gont. Otton) D. Fruits Marker & Paris C.	Survey Date Generation Source	: 3 September : (B-I)		9 0 <	Generation Sources Residential Area	Sources	3 00	Generation Sources Building (Office & Shops)	Sources & Shops)	Code F.3	Generation Source Home Industry (Others)	Source (Others)		
Container Cross Container Cross Weight Container Cross Weight Container Cross Weather Name of Surveyor	: Cloudy : Mr. Ameen			Commercial Are Buildings (Gove	a (General) . Office)	ΩМ	Fruits Market & Restaurns & 14	: Parks otels	o 3	School Const. Waste (Mixed)	Mixed)			
rear Class	Type of Waste	:	Container Weight 1	1	Container Weight 2	Gross Weight 2 (R)	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%) (g)	Ratio(%)
1.350 11.000 1.980 6.000 1.350 1.300 1.3	Organic Waste													
cer 2.420 13-50 3.700 1.350 5.100 1.350 Bboard 0 4.000 0 5.200 1.350 5.100 1.350 total 1.350 5.200 1.350 4.100 0 4.300 1.350 e& Others 1.350 3.200 1.350 4.100 0 0 0 cotal 1.350 3.000 1.350 4.100 0 0 0 cotal 1.350 3.120 0 0 0 0 0 cotal 1.350 3.120 4.630 17.000 2.700 2.700 total 1.350 3.000 4.630 17.000 2.700 2.700 total 1.350 3.500 0 0 0 0 0 total 1.350 3.500 0 0 0 0 0 total 1.350 3.500 0 0 0 0 0	Food Waste		1.350										33,970	19.60
Second Colored Color	Paper	Paper	2.420										36.830	21.25
test Others	•	Cardboard	0							4.900		0 4,800	21.200	12.23
1,350 3,200 1,350 4,100		Subtotal	2.420									0 4.800	58.030	33,49
1.350 3.200 1.350 4.100 0 0 0 0 0 0 0 0 0	Plastics	Film	1.350										006'9	3.98
1.350 1.700 0 0 0 0 0 0 0 0 0		Bottle & Others	1.350										1.850	1.07
1.350 3.000 1.350 4.100 0 0 0 0 0 0 0 0 0		PET	1.350										350	0.20
1,350 3,000		Subtotal	4.050	l								0 10	001.6	5.25
1.350 3.120	Rubber & Leathe		1.350				_						1,650	0.9
1,350 17,500	Tertiles		1.350				_						1.770	1.03
1.350 5.500	Yard Waste		1,350								}		16.150	9.32
1,350 19,000 4,680 17,000 2,340 2,700 2,700 1,4,570 93,020 4,680 17,000 2,700 2,340 2,700 1,350 3,500 0 0 0 0 0 1,350 4,680 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 1,350 2,5,500 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 0 1,350 1,500 0 0 0 0 0 0 0 0 1,300 1,300 0 0 0 0 0 0 0 0 1,300 1,30	Wood		1.350										4.150	2.3
ken Glass 14,570 93,020 4,680 17,000 2,700 2,700 ken Glass 0 0 0 0 0 0 total 1,350 3,500 0 0 0 0 0 total 1,350 3,500 0 0 0 0 0 total 1,350 2,500 0 0 0 0 0 total 1,350 2,550 0 0 0 0 0 total 2,420 0 0 0 0 0 0 c,470 36,500 0 0 0 0 0 0 te 0 0 0 0 0 0 0 total 100 0 0 0 0 0 0 total 0 0 0 0 0 0 0 total 0 0	Other Org. Wash	Ð	1,350										17.650	10.18
tec Glass 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Organic Waste Total		14.570									0 4.800	142.470	82.21
tte 1,350 3,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	In-organic Waste													
tice 1.350 3.500 0 <t< td=""><td>Glass</td><td>Broken Glass</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td><td>0.00</td></t<>	Glass	Broken Glass	0										10	0.00
total 1.350 3.500 <		Bonic	1.350								,		2.150	1.24
1.350 6.000 6.000 6.000 6.000 6.420 6.420 6.420 6.470 <th< td=""><td></td><td>Subtotal</td><td>1.350</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0 0</td><td>2.150</td><td>1.24</td></th<>		Subtotal	1.350									0 0	2.150	1.24
1.350 1.500	Tin Cans (Stee) ((suc	1.350										4.650	
2,420 25,500 0 0 0 0 0 0 0 0 0	Aluminum cans		1.350										150	0.09
2.420 2.5.500 0 <th< td=""><td>Other Metals</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0.00</td></th<>	Other Metals		0										0	0.00
te 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dirt. Ash. Sand		2.420								-		23.080	13.32
te 0 700	In-orrganic Waste To	oral	6.470									0 0	30.030	17.33
tecies) 0 700	Hazardous Waste													
(c 0 100 0	Hazardous Wast	e (Batteries)	0				-						004	0.40
0 800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other Hazardous	. Waste	0			ļ. <u>.</u> .							100	90.0
21.040 130.320 4.680 17.000 2.700 23.400 2.700	Hazardous Waste To	otal	0									0 0	008	0.46
	Total Weight (kg):		21.040	130						_		0 4,800	173,300	100
Ruit Density (reality):	Total Waste Volume	: (lit.) :												800
	Bulk Density (kg/lit.)	:(0.217

(4) Buildings (Government Office Buildings)

Result of Waste Composition Survey in Male' Buildings - Governmet Offices

Sample No.		23	ম	Max.	Avg	M di M	Total	Ratio
Sampling Date, 1998	e, 1998	27 Aug.	31 Aug.					(%)
Organic Waste	U							
Food Waste	1	٥	059'9	6.650	3,325	0	6.650	4.63
Paper	Paper	37,940	38,900	38,900	35,420	31,940	70,840	49.36
•	Cardboard	4.200	1,350	4,200	3.025	1.850	6,050	4.22
	Subtotal	36,140	40,750	40,750	38,445	36,140	76.890	53.58
Plastics	Film	2050	0667	2,050	2,020	1,990	4,040	282
	Bortle & Others	3,290	2.580	3.290	2,920	2,550	5,840	4.07
	PET	550	2.950	2,950	1,750	250	3,500	2.44
	Subtotal	068'5	7.490	7,490	069'9	2,890	13,380	9.32
Rubber & Leather	Leather	Ó	83	630	315	0	029	0.44
Textiles		ō	630	630	315	0	630	0.44
Yard Waste	ite	23,520	12,760	23.320	18,040	12,760	36,080	25.14
Wood		ō	1,740	1,740	870	0	1.740	1.21
Other Ore. Waste	. Waste	1,150	1,270	1.270	1,210	1.150	2,420	1.69
Organic Waste Total	e Totai	66,500	71,920	71.920	69,210	66,500	13	96.45
In-organic Waste	ste							
Glass	Broken Glass	0	0	0	0	0	0	8.0
	Borde	1.550	300	1.550	925	300	1,850	1.29
	Subtotal	1,550	300	1,550	925	300	1,850	1.29
Tin Cars (Tin Cans (Steel Cans)	057	1.390	1,390	920	450	1,840	1.28
Aluminum cans	cans	0/1	250	770	510	250	1,020	0.71
Other Metals	tals	O	180	180	06	0	180	0.13
Dirt. Ash. Sand	Sand	0	0	0	0	0	0	0.00
In-orrganic Waste Total	aste Total	2,770	2,120	2,770	2,445	2,120	4,890	3.41
Hazardous Waste	aste							
Hazardou	Hazardous Waste (Batteries)	0	0	0	0	0	0	0.0
Other Haz	Other Hazardous Waste	0	200	200	100	0	200	0.14
Hazardous Waste Total	aste Total	0	200	200	100	0		0.14
Total Weight (kg)	(kg)	69.270	74,240	74,240	71,755	69.270	7.	100.00
Total Waste Volume (lit.)	Volume (lit.)	720	720	720	720	720	1,440	
Bully Dansiby Okalit	(Parlit)	9000	103	2010	0.10	900.0	50.0	

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Survey Date Generation Source	: 27 August : (C-1)		ş 60 ∢	Generation Sources Residential Area	ources	90 %	Generation Sources Building (Office & Shops)	Ources & Shops)	5 S	Generation Source Hone Industry (Others)	Source (Others)		
Weather Name of Surveyor	: Fine : Mr. Ameen		£ 5	Commercial Area (General) Buildings (Govt. Offlice)	4 (General) . Oeff.ce)	០ ខា	Pruits Market & Parks Restaurant & Hotels	Parks rels	0 %	School Const, Waste (Mixed)	Mixed)		
Type of Waste		Container Weight I	Gross Weight 1	Container Weight 2	Gross Weight 2 (g)	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste			1										
Food Waste			0 10									0	0.00
Paper	Paper	1.980		1.350	3,780	1,350	2.200	2,320	00009	3.840	24.800	31,940	46.11
•	Cardboard	0			1,600							4,200	90'9
	Subtotal	1,980	L	1.35		1.350	2,200	2,320	90009	3,840	24,800	36,140	52.17
Plastics	Film	1.350										2,050	2.96
	Bottle & Others	1.350		2.500	4.240							3,290	4.75
	PET	1,350	_									\$50	0.79
	Subtotal	4.050		2,500	4,240	0	0	0	0	0	0	5.890	8.5
Rubber & Leather	H.		0 0									0	0.00
Textiles			0									0	0.0
Yard Waste		1.980		1.350	2.500	1.350	7.000	2.500	14.500			23,320	33.67
Wood		_										0	0.00
Other Org. Waste	Đ	1.350				1							1.6
Organic Waste Total		9.360	25,800	5.200	12.120	2,700	9.200	4.820	20,500	3.840	24.800	66.500	96.00
In-organic Waste			- 										
Glass	Broken Glass		0 0		-							0	0.00
	Borde	1,350										1,550	2.24
	Subtotal	1.350		0	0	0	0	0	0	0	0	1,550	1.5
Tin Cans (Steel Cans)	Cans)	1.350	1,800									450	9.65
Aluminum cans		1.350										077	1.11
Other Metals	:)	0 0			į						0	0.00
Dirt. Ash. Sand)	0 0								-	0	0.0
In-orrganic Waste Total	otal	4.050		0	٥	0	0	0	0	0	0	2.770	4.00
Hazardous Waste													
Hazardous Waste (Batteries)	c (Batteries))	0 0									0	0.00
Other Hazardous Waste	s Waste		0 0						_			0	0.0
Hazardous Waste Total	otal		0 0	0	0	0	0	0	0	0	0		0.00
Total Weight (kg):		13.410	32.620	5.200	12.120	2.700	6,200	4,820	20.500	3.840	24,800	69.270	100
Total Waste Volume (lit.)	: (lit.) :	_											720
Bulk Density (kg/lit.)	:(÷								960.0

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Record Sheets (Male Municipality) (Sheet No. 23 / 39)

Survey Date Generation Source	: 31 August : (C-1)		oode ^	Generation Sources Residential Area	Sources	8 8	Generation Sources Building (Office & Shops)		9 E	Generation Source Hone Industry (Others)	Source (Others)		
Weather Name of Supervor	: Fine : Mr. Ameen		£ 3	Compensial Area (General)	sa (General)	ρα	Fruits Market & Purits		o 2	School Week Office?			
			;		(m)	2			?		/www.		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2 (g)	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%) (g)	Ratio(%)
Organic Waste		1		1							!		
Food Waste		1,350	8.000									6,650	8.96
Paper	Paper	2,420		2,420	10,500	2,420	9.500	2,420	13,500	2,420	5.000	38,900	52.40
	Cardboard	1.350										058'1	2.49
	Subtotal	3,770		2,420	10,500	2,420	9.500	2.420	13,500	2,420	S.000	40,750	54.89
Plastics	Film	1,350										1,990	2.68
	Bottle & Others	1.350	3.900									2,550	3.43
	PET	1.350										2,950	3.97
	Subtoral	4.050		0	0	٥	0	0	0	0	0	7,490	10.09
Rubber & Leather	12	1,350										0.59	0.85
Textiles		1,350										630	0.85
Yard Waste		2.420		2.320	8.500							12,760	17.19
Wood		0									•	1.740	2.34
Other Org. Waste	v	1.350										1,270	1.71
Organic Waste Total		15.640	52,560	4,740	000'61	2.420	9.500	2,420	13,500	2,420	\$.000	71.920	96.88
In-organic Waste													-
Glass	Broken Glass	0										0	0.00
	Bottle	0										300	0.40
	Subtotal	0	300	0	0	0	0	0	0	0	0	300	0.40
Tin Cans (Steel Cans)	Zans⟩	1.350										1.390	1.87
Aluminum cans		1.350	1.0									250	0.34
Other Metals		0	180									081	0.24
Dirt. Ash, Sand		0	0									0	0.00
In-orrganic Waste Total	lajo	2,700	4.820	0	0	0	0	0	0	0	0	2.120	2.86
Hazardous Waste													
Hazardous Waste (Batteries)	: (Batteries)	0	0									0	0.00
Other Hazardous Waste	Waste	0	200			No.						200	0.27
Hazardous Waste Total	ıtai	0	200	0	0	0	0	0	0	0	0	200	0.27
Total Weight (kg):		18.340	57.580	4,740	19,000	2,420	9,500	2,420	13.500	2,420	2.000	74.240	100
Total Waste Volume (lit.)	(itt.) :												720
Bulk Density (kg/lit.)	: (0.103

(5) Buildings (Private Office Buildings and Shops)

Result of Waste Composition Survey in Male' Buildings - Private Offices & Shops

						Ì			(unit : grams)	
S. B.	Sample No.		អ	26	7.7	Max.	AVE.	Min.	Total	Katio
San	Sampling Date, 1998	e, 1998	31 Aug.	1 Sep.	1 Sep.					(%)
ð	Organic Waste	3								
	Food Waste	te	0	26.300	11,800	26,300	12,700	0	38,100	21.08
	Paper	Paper	16,440	10,220	7.590	16,440	11,417	7.590	34,250	18.95
		Cardboard	14,620	19,920	18,400	19,920	17.647	14,620	52,940	25.28
		Subtotal	31,060	30,140	25,990	31,060	29,063	25.990	87.190	48.23
	Plastics	Film	0587	2,320	2,010	2,320	1,893	1,350	5.680	3.14
		Bottle & Others	3,680	720	370	3,680	1.757	720	5,270	2,92
		PET	120	026	550	026	547	120	1,640	0.91
	·	Subtotal	5,150	4010	3,430	5,150	4.197	3.430	12,590	5.96
	Rubber & Leather	Leather	1,490	300	200	1.480	666	700	2,980	1.65
	Textiles		0	740	1,780	1,780	840	0	2,520	1.39
	Yard Waste	te	1,400	2,830	4.080	4,080	2,770	1,400	8,310	4.60
_	Wood		800	0	1.770	1.770	857	ō	2,570	1.42
	Other Org. Waste	. Waste	0	0	5.150	5.150	1,717	0	5,150	2.85
ŏ	Organic Waste Total	e Total	39,890	64,820	54,700	64,820	53,137	39,890	159,410	88.18
š	In-organic Waste	ste								
	Glass	Broken Glass	0	059	100[650	250	0	750	0.41
		Bottle	520	280	1,450	1,450	150	280	2.250	1.24
		Subtotal	220	930	1,550	1.550	1,000	220	3,000	1,66
	Tin Cars (Tin Cans (Steel Cans)	420	1.550	1.250	1.550	1,073	420	3,220	1.78
	Aluminum cars	cans	200	350	350	350	300	200	006	05.0
	Other Metals	als	0	0	0	0	0	o	0	00.0
	Durt, Ash, Sand	Sand	3.650	1.950	2.450	8,650	4,350	1,950	13,0501	7.22
Š	morrganic Waste Total	aste Total	062.6	4,780	2,600	9.790	6,723	4.780	20,170	11.16
Ξ	Hazardous Waste	aste								
	Hazardow	Hazardous Waste (Batteries)	0	099	230	099	313	0	940	0.52
	Other Haz	Other Hazardous Waste	0	140	120	140	87	0	260	0.14
EH	Hazardous Waste Total	sste Total	0	800	400	800	400	0	1,200	99.0
칠	Total Weight (kg)	(kg)	49,680	70,400	90.700	70,400	60,260	49,680	180,780	100.00
ខ្មី	al Waste V	Fotal Waste Volume (lit.)	260	940	260	640	287	860	1,760	
But	Bulk Density (kg/lit.)	(kg/lit.)	0.089	0.110	0.108	0.110	0.102	680.0	0.103	

Record Sheets (Male Municipality) (Sheet No. 25/39)

Ş	Gross Container Weight 1 Weight 2 8.500 2.40 2.100 10.600 6.000 8.820 1.480 0 3.800
ब्हु व	25.55
glolo	8 8 8
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Male Municipality
Sheets (
Record

Survey Date	: 1 September		8	Generation Sources	ources	8 8	Generation Sources	Sources	8 S	Generation Source	Source		
Weather Name of Surveyor	: Coudy : Mr. Ancen		(-	Commercial Area (General) Buildings (Gov. Office)	a (General) Office)	ដែល	Fruits Market & Parks Restaurant & Hotels	Parks Stels	. o :3	School Const. Waste (Mixed)	(decd)		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste		1											
Food Waste		1,350	17,000	1.350	12.000							26,300	37.36
Paper	Paper	1350	4,4	1,980		1.350	3,100	1.350	2.500	1.350		10,220	
4	Cardboard	0				°			4.100	0	4.720	19,920	
	Subtotal	1.350		1,980		1,350		1.350	6,600	1.350		30.140	4
Plastics	Film	2.420										2,320	
	Bottle & Others	Ó										720	
	PET	1.350										070	1.38
-	Subtotal	3.770	7.780	0	0	°	0	0	0	0	0	4,010	
Rubber & Leather	1	0	ŀ									008	
Textiles		O										740	1.05
Yard Waste		1,350										2,830	
Wood		0										0	0.00
Other Org. Waste		0										0	
Organic Waste Total		7.820	38.400	3,330	20,400	1.350	7,000	1.350	6.600	1,350	7.620	64.820	92.07
In-organic Waste													
Glass	Broken Glass	1.350										920	
	Bottle	0										280	
~~~	Subtotal	1.350		0	0	0	0	0	0	0	10	930	
Tin Cans (Steel Cans)	ans)	1,350	2.900									1,550	
Aluminum cans		1.350	1,700							4.2.Fr-		350	
Other Metals		0										0	000
Dirt, Ash, Sand		1.350	3,300									1,950	
In-orrganic Waste Total	ta1	5.400	10.180	0	0	0	0	0	0	0	0	4.780	
Hazardous Waste													
Hazardous Waste (Batteries)	(Batteries)	0					-			·		000	
Other Hazardous Waste	Waste	0	140							- Zaniera		140	0.20
Hazardous Waste Subotal	botal	0		0	0	0	0	0	0	0	٥	800	1.14
Total Weight (kg):		13.220	49.380	3,330	20,400	1.350	7,000	1.350	6.600	1.350	7.620	70.400	100.00
Total Waste Volume (lit.)	(lit.) :												640
Bulk Density (kg/lit.)		_											0.110

Record Sheets (Male Municipality) (Sheet No. 27/39)

	Pario (22)	(g)	25.07	١	1		4					700			1,770 2.92	5,150 8,48	90 90.12		100 0.16	1,450 2,39		1,250 2.06	350 0.58			9.23		1		400 0.66	100	\$60	0.108
	Animal Wall	(צ)		008.1			23	2,010	•	~	3,		=	4,0	1,7	5,1	54,700			Ä	0 1.550	.1			ľ	5.600		``		0	60.700		
Source (Others) (itted)		Weight 5				_	4.620				°						4.620													)	0 4.620		
Generation Source Home Industry (Others) School Const. Warre (Mixed)		Container Weight 5					0				٥						0				0					°							
5 0 3 0de		Gross Weight 4	Ī			3.240	3,240				0						3.240				0					٥				0	3.240		
_		Container Weight 4				٥	0				0						0				0					0				0	0		
Generation Sources Building (Office & Shops) Fruits Market & Parks Restaurant & Hotels		Gross Weight 3			4.240	4,100	8.340				0						8.340				0					0				0	8.340		
9	Ī	Container Weight 3			1.350	0	1,350				0						1.350				0					0				0	1.350		
	ſ	Gross Weight 2		9.000	3.720	4,620	8,340	2,800			2.800						20.140				0	200				200				Ö	20.340		
Generation Sources Residential Area Commercial Area (General) Buildings (God. Office)		Container Weight 2		1.350	1,350	ю	1.350	1.940			1.940						4.640				0	ō				0				0	4.640		
O & O &		Grows Weight 1		5.500	3.680	1.820	5.500	2,500	2.220	1.900	6.620	8	4.100	6.500	3.120	008.9	38.540		100	2.800	2,900	2,400	1.700	0	3.800	10,800		280	120	400	49,740		
		Container (		056.1	1.350	0	1.350	1.350	1.350	1.350	4.050	0	2,320	2.420	350	056.1	14.190		Ī	1,350	1.350	1.350	1,350	0	1.350	5,400		0	õ	ō	19,590		1
: 1 September : (C-2) : Cloudy . Mr. Amon	: Ivit: Cuncen				Paper	Cardboard	Subtotal	Film	Rottle & Others	PET	Subtotal								Broken Glace	Borrie	Subtotal	(sol				ĮĘ.		(Batteries)	Waste	Ozal		1,47 -	114).
	Name of Surveyor	Type of Waste	Organic Waste	Food Waste	Paper	· ·		Plastics				Rubber & Leather	Textiles	Vard Waste	7 and 1 and 1	Orte Orte	Organic Waste Total	In-inganic Waste		Class		Tin Cane (Steel Cane)	Aluminum cans	Other Metals	Dirt. Ash. Sand	In-orrganic Waste Total	Hazardous Waste	Hazardous Waste (Battenes)	Other Hazardous Waste	Hazardous Waste Subotal	Total Weight (kg):	Transfer Volume	TOTAL WANTE VOIDING (III.)

## (6) Fruits Market & Parks (Waste from Public Areas)

Result of Waste Composition Survey in Male' Market & Public Areas

,								(unit : grams)	_l
Sample No.	-	ន	53	ይ	Max.	Avg.	ď	Total	Ratio
Sampling Date, 1998	e, 1998	29 Aug.	30 Aug.	30 Aug.					(%)
Organic Waste	U								
Food Waste	ဍ	19.150	11.650	106.780	106,780	45,860	11.650	137,580	40.27
Paper	Paper	5,190	6.050	15.770	15,770	9,003	5,190	27,010	7.91
•	Cardboard	5,190	3.860	11,930	11,980	8,677	5,190	26.030	7.62
	Subtotal	10,380	14,910		27,750	17,680	10,380	53,040	15.52
Plastics	Film	6.380	3.250	8.3.50	8.850	6,160	3,250	18,480	5.41
	Bottle & Others	2.510	2,750	1330	2,750	2,213	1,380	6,640	1.94
	PET	1,050	052	052	1.050	850	750	2,550	0.75
	Subtotal	9.940	6,750	10.930	10.980	9,223	6.750	27,670	8.10
Rubber & Leather	Leather	1,200	2,850		2,850	1.550	900	4,650	1.36
Textiles		023	1.050	1.870	1.870	1.247	820	3,740	1.09
Yard Waste	ite	0203	6,150	4,650	6.150	5,607	4,650	16,820	4.92
Wood	رق خصائسات	320	3,260	7,890	7,890	3.823	320	11,470	3.36
Other Org. Waste	z. Waste	3,130	8,580	059'6	9,650	7,137	3,180	21.410	6.27
Organic Waste Total	te Total	51.010	55,200	170,170	170,170	92,127	51.010	276,380	80.89
In-organic Waste	aste								
Glass	Broken Glass	1,500	400	0	1.500	633	Ō	1.900	0.56
	Bottle	2270	5,150	2,050	5,150	3,157	2,050		2.77
	Subtotal	3,770	5.550	2,050	5,550	3,790	2,050		3.33
Tin Cans	Tun Cans (Steel Cans)	2,030	2,150	7,330	7,330	3,837	2,030	11,510	3.37
Aluminum cans	cans	069	750	1,700	1,700	1,047	690	3,140	0.92
Other Metals	tals	0	120	400	400	173	0		0.15
Dirt, Ash, Sand	Sand	14,650	14,080	8,650	14,650	12,460	8.650	37,380	
In-orrganic Waste Total	/aste Total	21,140	22,650	20.130	22,650	21.307	20,130	63,920	18.71
Hazardous Waste	aste								
Hazardou	Hazardous Waste (Batteries)	130	0	200	200	127	0	380	0.11
Other Ha	Other Hazardous Waste	1,000	0	0	1,000	333	0	1.000	0.29
Hazardous Waste Total	aste Total	1,180	0	200	1.180	460	0	1,380	0.40
Total Weight (kg)	(kg)	73,330	77,850	190.500	190,500	113,893	73,330	×	100.00
Total Waste Volume (lit.)	Volume (lit.)	440	095	720	720	573	440		
Bulk Density (kg/lit.	(kg/lit.)	0.167	0.139	0.265	0.265	0.190	0.139	0.199	

Record Sheets (Male Municipality) (Sheet No. 28/39)

Survey Date Generation Source	: 29 August		<b>8</b> 8	Generation Sources Residential Area	ources	<b>8</b> %	Generation Sources Building (Office & Shops)	Ources & Shops)	Code	Generation Source Home Industry (Others)	Source (Others)		
	: Fine : Mr. Ameen		: ដី បី	Commercial Area (General) Buildings (Covr. Office)	a (General) . Ottoe)	្ន	Fruits Market & Parks Restaurant & Hotels	Parts	20	School Const. Waste (Mixed)	Mixed)		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weigh (c)	Net Weight Ratio(%)
Organic Waste													١
Food Waste		1.350	20,500									19,150	"
	Paper	1.350	<b> </b> ``	2.500	2,000							5,190	
	Cardboard	0	1,860	0	086"1	0							١
	Subtotal	1,350			8,980			0	0	0	0	20	
Plastics	Film	2.420		1.350	2.660	1,350	2.840					6,380	İ
	Bottle & Others	1.350										2,510	١
-	PET	1.350	2,400									1,050	
	Subtotal	5,120		1.350	2.660	1.350	2,840	0	0		0	^	
Dubber & Leather		0										1,200	
Terriles		1.980											820 1.12
Variables		1 080	000 8								ļ	9.0	6.020 8.21
Taid wasic												ī	320 0.44
wood		2 220	ľ									3.1	3,130 4,34
Organic Waste Total		14.100	Α,	3.850	11,640	1350	4.190	°		)	0	51.010	(0) 69.56
In-negative Waste													
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Broken Gass								_			1.5	1.500 2.05
STORY	Bortle	150	3.620										2270 3.10
-	Subtotal	1.350		l°	0	°	°	0		)	0 0	3.770	
Tin Cans (Sine) Cans	Jane')	1.350										ų	2,030 2.77
Aluminum cans	,	1350										Ĭ	690 0.94
Other Metals		O				_							I
Dirt, Ash. Sand		1,350	16.000										ļ
In-orrganic Waste Total	otal	5.400	26.540	0	0	0	0		ŏ	0	0	0 21.140	40 28.83
Hazardous Waste													
Hazardous Waste (Batteries)	e (Batteries)	0	180										
Other Hazardous Waste	Waste	٥										7	
Hazardous Waste Total	Tal.	0	1.180	0	٥	0	0 1		0	0		0 1.180	-
Total Weight (kg):		19.500	ľ	3.850	11.640	0521	4.190		0	0	0 0	0 73.330	ខ្ព
Total Waste Volume (lif.)	(lit):		l										440
Dully Density Orabit													0.167
DAIR LICENSIN (ALINE									-				

Name of Surveyor Type of Waste	, 7:DC	<b>-</b>		Commercial Area (General)	a (General)	А	Pruits Market & Parks	( <b>9</b>	£ 0	School			
Type of Waste	: Mr. Ameen	-		Buildings (Gov. Office)	. offæ)	ធា	Restaurant & Hotels	otels	1-3	Const. Waste (Mixed)	(Mixed)		
		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%)	Ratio(%)
Organic Waste													
Food Waste		1.350										11,650	*-
	Paper	2,320		1.350	2.720							6,050	
	Cardboard	ō	ŀ	0	3.280	0					<b>.</b>	8.860	11.38
	Subtotal	2,320	10.280	1,350		٥	2,300	0	0		0 0	14.910	19.15
Plastics F	Film	1.350	2,300	1.980	3.000	1350		1.350	2,180			3,250	4.17
	Sortle & Others	1.350	4.180									2.750	3.53
i er	PET	1.350	2,100									750	
	Subtotal	4.050	8.500	1.980	3.000	1.350	1.300	1.350	2,180		0 0	6.750	
Rubber & Leather		1.350								-		2.850	
Textiles		1.350	2,400									1.050	1.35
Yard Waste		1.350										6.150	
Wood		0		0	2.680							3,260	4.19
Other Org. Waste		2,420								a state		8,580	
Organic Waste Total		14.190	57.460	3.330	11,680	1.350	4,100	1,350	2.180		0	\$5.200	70.91
In-organic Waste													
E Siass	Broken Glass	0	400									400	0.51
	3ottle	1.350										5.150	6.62
20	Subtotal	1,350		0	0	0	0	0	0		0 0	5.550	7.13
Tin Cans (Steel Cans)	(sur	1.350	3.500									2,150	2.76
Aluminum cans		1.350										052	96'0
Other Metals		0	120							-		120	0.15
Dirt. Ash. Sand		2,420	16.500									14.080	
In-orrganic Waste Total	32.	6.470	29,120	0	0 .	0	0	0	0		0 0	22.650	29.09
Hazardous Waste		-											
Hazardous Waste (Batteries)	(Batteries)	0				ļ	·			h grys		0	
Other Hazardous Waste	Waste	0	0									0	
Hazardous Waste Total	Į t	0		0	0	0	0	0	0		0 0	<u>ؤ</u>	00:0
Total Weight (kg):		20,660	085'98	3,330	11,680	1.350	4.100	1.350	2.180		0 0	77.850	100.00
Total Waste Volume (lit.)	lit.) :												\$60
Rulle Density (kg/ht.)													0.139

Record Sheets (Male Municipality) (Sheet No. 30/39)

Surveyor         Container         Container <th< th=""><th>Survey Date Generation Source Weather</th><th>: 30 August :(D) : Fine</th><th></th><th></th><th>Generation Sources Residential Area Commercial Area (Ceneral)</th><th>ources a (General)</th><th>မွီ လူလိုင်</th><th>Generation Sources Building (Office &amp; Shops) Pruits Market &amp; Parks</th><th>Sources a &amp; Shops) : Parks</th><th>o 3.3</th><th>Generation Source Horse Industry (Others) School</th><th>Source (Others)</th><th></th><th></th></th<>	Survey Date Generation Source Weather	: 30 August :(D) : Fine			Generation Sources Residential Area Commercial Area (Ceneral)	ources a (General)	မွီ လူလိုင်	Generation Sources Building (Office & Shops) Pruits Market & Parks	Sources a & Shops) : Parks	o 3.3	Generation Source Horse Industry (Others) School	Source (Others)		
Container         Good State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (Gooss of State (	Name of Surveyor	: Mr. Ameen		ដ	Buildings (Cox	(wggo)	es)	Restauran & R	otels	2	Const. Waste (	Mixed		
1,350  2,1500  2,200  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  1,350  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500  2,500	Type of Waste		1.	,,	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	11.5	Net Weight (g)	Ratio(%)
1350   21,600   2.220   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   1350   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,000   25,0	Organic Waste													
per         1,980         8,000         1,370         3,100         1,350         3,200         1,370         3,570         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         3,200         1,370         2,720         1,370         3,200         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Food Waste		1.350	21										"
1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,00	Paper	Paper	1.980	<b>"</b>									15.770	
1,350   10,400   1,350   3,700   1,350   4,000   1,350   4,000   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,3	•	Cardboard	0			3.880							11.980	
mm         1350         5,200         1350         3,700         1,350         4,000         0         0         0         2,450           rittle & Otherst         2,320         3,700         1,350         3,700         1,350         4,000         0         0         0         10,930           broad         0         600         1,300         1,350         3,700         1,350         4,000         0         0         0         10,930           broad         0         600         1,300         1,350         3,700         1,350         4,100         0         0         0         10,930           1 350         3,240         0         1,900         1,350         4,100         0         0         0         0         1,090           1 12,400         6,700         6,120         6,200         6,200         2,200         0         0         0         0         0         0           1 12,400         6,120         6,120         6,200         5,400         2,400         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		Subtotal	1.980	7									27	
rice & Others         2,320         3,700         1,350         4,000         0         0         0         1,350         1,380         1,380         1,350         1,350         4,000         0         0         0         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980         10,980	Plastics	Film	1.350										8,850	1
1,350   2,100   1,350   3,700   1,350   4,000   0   0   0   0   0   0   0   0   0	~	Borde & Others	2,320									}	1,380	
1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,35		PET	1.350										750	
1.350   3.220   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   1.350   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.100   4.10		Subtotal	5.020	=										
1.350   3.220	Rubber & Leathe		0										009	
1,350   6,000   1,900   1,350   4,100   1,900   1,350   4,100   1,350   4,100   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,350   1,35	Textiles		1.350										1.870	
1356   11,000   1,900   1350   4,100   1,350   22,000   170,170   8     13.40	Yard Waste		1.350										4,650	
1.350   11.000   5.120   40.580   5.400   2.700   2.2.100   1.350   24.000   1.70.170   8     12.400   67.066   5.120   40.580   5.400   43.400   2.700   2.2.100   1.350   24.000   1.70.170   8     13.50   3.400   0   0   0   0   0   0   0   0   0	Wood		0			1.900				-			7,890	
oken Glass         12.400         67.060         5.120         40.580         5.400         43.400         2.700         22.100         1.350         24.000         170.170         8           oken Glass         0         0         0         0         0         0         0         2.050           wide         1.350         3.400         1.350         2.000         1.350         1.600         0         0         0         0         0         2.050           s)         1.350         1.000         1.350         1.600         0         0         0         0         0         0         2.050           s)         1.350         10.000         1.350         1.600         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td>Other Orc. Wast</td><td>0</td><td>1,350</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9.650</td><td></td></t<>	Other Orc. Wast	0	1,350										9.650	
oken Glass         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Organic Waste Total		12.400	8										89.33
oken Glass         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	In-organic Waste		_											
1.350   3.400   0   0   0   0   0   0   0   0   2.050     5)   2.320   3.400   0   0   0   0   0   0   0   0   0	Glass	Broken Glass	0										0	
1,350   3,400   0   0   0   0   0   0   0   0   0		Bottle	1.350	ľ									2.050	
1.350   9.000   1.350   2.000   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.600   1.60		Subtotal	1,350	63										
1,350   2,800   1,500   1,600	Tin Cans (Steel	Cans)	2,320										7,330	
1.350   10.000   2.700   3.600   0   0   0   0   0   0   20.130   1.350   2.370   2.700   3.600   0   0   0   0   0   0   0   0   0	Aluminum cans	,	1,350							,			1,700	
1,350   10,000   2,700   3,600   0   0   0   0   0   20,130   1   1   1   1   1   1   1   1   1	Other Metals		0										400	
katteries)         0         0         0         0         0         0         20.130         1           aste         0         200         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Dirt. Ash. Sand		1,350	≃									8.650	
(Batteries)         0         200         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         200         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	In-orrganic Waste To	otal	6.370	(3										
(Batteries)         0         200         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         <	Hazardous Waste													
Waste         0         0         0         0         0         0         0         0         200           al         0         0         0         0         0         0         0         0         200           al         18.770         92.860         7.820         44.180         5.400         43.400         2.700         22.100         1.350         24.000         190.500         10           (lit.):         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10	Hazardous Wash	e (Batteries)	0										200	
18.770   200   0   0   0   0   0   0   0   0	Other Hazardous	Waste	0										°	
(lit.): 18.770 92.860 7.820 44.180 5.400 43.400 2.700 22.100 1.350 24.000 190.500 1 :	Hazardous Waste To	Stal	0	200										
(lit.):	Total Weight (kg):		18.770	8										100.00
	Total Waste Volume	(lit.) :												720
	Bulk Density (kg/lit.													0.265

## (7) Restaurants & Hotels

Result of Waste Composition Survey in Male' Hotels & Restaurants

		}	Ì				(unit : grams)	
Sample No.	31	32	33	Max.	Avg.	Mir.	Total	Ratio
Sampling Date, 1998	29 Aug.	30 Aug.	1 Sep.					(%)
Organic Waste								
Food Waste	36,350	174,630	374,630	374,630	211.870	86,350	635,610	82.98
Paper Paper	4,630	3,820	3,520	4,680	4,007	3,520	12,020	1.57
Cardboard	6.360	7.020	16,650	16,650	10,177	6,860	30,530	3,99
Subtotal	11.540	10,340	20.170	20,170	14,183	10,840	42.550	5.55
Plastics Film	9.050	2.450	4,630	050'6	5.393	2,450	16,180	211
Bottle & Others	3,250	056	2,630	3,250	2,277	950	6,830	0.89
PET	1,150	290	0:07	1,150	823	290	2,470	0.32
Subtotal	13,450	3,690	3,340	13,450	8,493	3,690	25.480	3.33
Rubber & Leather	٥	0	0	0	ō	0	0	0.00
Textiles	1,020	0101	1,240	1,640	1,300	1,020	3.900	0.51
Yard Waste	450	0	2,610	2,610	1.020	0	3.060	0.40
Wood	0	0	2.500	2,500	833	0	2,500	0.33
Other Org. Waste	0	0	2,500	2.500	833	0	2,500	0.33
Organic Waste Total	112,810	190,800	411.990	411,990	238,533	112,810	715,600	93.42
In-organic Waste								
Glass Broken Glass	1.500	400	1,490	1,500	1,130	400	3,390	0. 4
Bottle	5.150	1.780	6,150	6,150	4,360	1,780	13,080	1.71
Subtotal	6.650	2,180	7,640	7,640	5,490	2,180	16,470	2.15
Tin Cans (Steel Cans)	7.800	6,680	7,830	7,830	7.437	089'9	22,310	2.91
Aluminum cans	930	2501	1,230	1.230	803	250	2,410	0.31
Other Metals	6,630	0	1.950	089'9	2,877	0	8,630	1.13
Dirt, Ash, Sand	0	0	0	0	0	0	Ó	0,0
In-orrganic Waste Total	22,060	9,110	18,650	22,080	16,607	9,110	49.820	6.50
Hazardous Waste								
Hazardous Waste (Batteries)	0	0	380	380	127	0	380	0.05
Other Hazardous Waste	o	0	220	220	73	0	220	0.03
Hazardous Waste Total	0	0	909	009	200	0	009	0.08
Total Weight (kg)	134,870	199,910	431,240	431,240	255,340	134,870	766,020	100.00
Total Waste Volume (lit.)	560	260	096	096	693	098	2,080	
Bulk Density (kg/lit.)	0.241	0.357	0.449	0.449	0.349	0.241	0.368	

Record Sheets (Male Municipality) (Sheet No. 31 / 39)

Survey Date	: 29 August		Ş	Generation Sources	Sources	88	Generation Sources		Code	Generation Source	8		
Generation Source	•••		<	Residential Area	<b>a</b>	÷.	Building (Office & Shops)		F-3	Horse Industry (Others)	î:		
Weather	: Fine		B-1	Compercial Area (General)	* (General)	۵	Phuits Market & Parks		Ö	School			
Name of Surveyor	: Mr. Ameen		ថ	Buildings (Gov. Office)	. o⊞∞)	<b>u</b>	Restaurant & Hotels		3	Const. Waste (Mixed)	<u>د</u>		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Gross Weight 5 Weigh	t S	Net Weight Rauo(%) (g)	Aatio(%)
Organic Waste													
Food Waste		2,420	28,500	056.1	24,500	1.350	27.000	25.230	36.700			86,350	64.02
Paper	Paper	1.350	2.	1.350	4.520						-	4,680	3.47
	Cardboard	°		0		0						6,860	\$.09
	Subtotal	1,350		1.350		0		0	0	Ö	ै	11,540	8.56
Plastics	Film	1.350	9.500	1.350		1.350						9,050	6.71
	Bottle & Others	1.350						-				3,250	2.41
	PET	1.350										1,150	0.85
	Subtotal	4.050	13	1.350	2.700	1.350	3,900	0	0	0	) O	13,450	9.97
Rubber & Leather	Der	_									- Alexandria	0	0.00
Techles		0	1.02									1,020	0.76
Yard Waste		°				_						450	0.33
Mood W		°										0	0.00
Other Orr. Waste	Sic	°										Ю	0.00
Organic Waste Total	la.	7.820	49,37	4.050	34.540	2,700	32.000	25.230	36.700	0	10	112,810	83.64
In-organic Waste													
Glass	Broken Glass	0	٦									1,500	1.11
:	Bortie	1,350	٥					. ,			- 10.7	5,150	3.82
	Subtotal	1.350	8,000	0		0	0	0	0	0	0	6.650	4.93
Tia Cans (Steel	ıv	1.350	γ.	1,350	5.000	0	500					7.800	5.78
Aluminum cans	S	1.350										930	0.69
Other Metals		0	1.700	C	4,980							0.680	4.95
Dirt. Ash. Sand		0										٥	0.00
In-orrganic Waste Total	Total	4.050	16,980	1,350	9.980	٥	500	0	٥	0	ō	22.060	16.36
Hazardous Waste													
Hazardous Waste (Batteries)	ste (Batteries)	0	0 ]									Đ	0.00
Other Hazardous Waste	us Waste	0	0									٥	0.00
Hazardous Waste Total	Total	0	0	ō	0	0 (	0	0	0	ō	0	0	0.00
Total Weight (kg):		11.870	058'99	[007'5]	44.520	2.700	32.500	25,230	36.700	0	0	134.870	100.00
Total Waste Volume (lit.)	nc (lit.):												560
Bulk Density (ke/lit.)	it):												0.241

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Survey Date	: 30 August		80	Generation Sources	ources	ğ	Generation Sources	Sources	ဗို	Generation Source	Source		
Generation Source	·(ε)		<	Residential Area	-	G-2	Bullding (Office & Shops)	(sdoug gr	F-3	Home Industry (Others)	(Others)		
Weather	Fine		В-3	Commercial Area (General)	७ (General)	Ω	Fruits Market & Parks	Parks :	O	School			
Name of Surveyor	: Mr. Ameen		ថ	Buildings (Gov. Office)	, office)	ជា	Restaurant & Hotels	otels	2	Const. Waste (Mixed)	M(xed)		
Type of Waste			Gross	Container	Gross	Container	Gross	Container	Gross	Container		Net Weight Ratio(%)	Ratio(%)
		Weight 1	Weight 1	Weight 2	Weight 2	Weight 3	Weight 3	Weight 4	Weight 4	Weight >	Weight 5	(%)	
Organic Waste		3 - 2										1	90 60
Food Waste		14,870	189									174,630	67.35
Paper	Paper	1.350	2,000	1,350	4.520					-mu		3,820	1.91
	Cardboard	0		0	2,300	0	940	0	076			7,020	3.51
	Subtotal	1.350		1.350	6,820	0	076	0	040	0 (	0 0	10.840	
Plastics	Film	1.350		0	400							2,450	1.23
	Bottle & Others	1.350										1056	0,48
	PET	1.350										290	0.15
	Subtotal	4.050	7.340	0	400	0	0	°	0	0 (	0 (	3,690	1.85
Rubber & Leather	5		Ō									0	0.00
Temics		0	1.14	0	500							1.640	0.82
Yard Waste		٥	0									ō	0.00
Wood		٥										0	0.00
Other Org. Waste	S)	٥										0	0.00
Organic Waste Total	1	20.270	202.820	1.350	7,720	0	940	0	940	0	0 (	190.800	95.44
In-organic Waste													
Glass	Broken Glass	0										007	0.20
	Bottle	0										1,780	68.0
	Subtotal	0	2.180	0	0	0 (	0 0	0		0 0	0 10	2.180	1.09
Tin Cans (Steel	Cans)	2.320										6.650	3.34
Aluminum cans		1.350								-	-	350	0.13
Other Metals		0								ki2.Ba		0	0.00
Dirt. Ash. Sand		0								-gop		٥	0.00
In-orrganic Waste Total	Cotal	3.670	12.78	0	0	0	0 (	0		0 0	0 0	011.6	4.56
Hazardous Waste													
Hazardous Waste (Batteries)	te (Batteries)	0	0									0	0.00
Other Hazardous Waste	s Waste	0								-	_	0	0.00
Hazardous Waste Total	otal	0		0	0	0 10	0 0	0		0 0	0 0	0	0.00
Total Weight (kg):		23,940	215.600	1.350	7.720	0	056	0	076		0 0	016'661	100.00
Total Waste Volume (lit.)	c (ht.) :												\$60
Bulk Density (kg/lit)	:(:												0.357

Record Sheets (Male Municipality) (Sheet No. 33 / 39 )

	tio(%)		86.87	0.82	3,86	4.68	1:03	0.61	0.2	1.93	8 8 8	0.29	0.61	0.58	0.58	95.54		0.35	1,43	1.77	1.82	0.29	0.45	0.0 8	4.32		0.09	0.05	0.14	100.00	096	0.449	
	Net Weight Ratio(%)		374.630	3.520		``	4,680	2.630	1.030		õ	1.240	2.610	2,500	2.500	411.990		1.490	6.150		7.830	1,230	1.950	Ō	18.650		380	220	009	431.240			
Source (Others) Mixed)	Gross Weight 5					0				0					_	0 10		-		0 0			_		0 0				oj o	0 0			
Generation Source Home Industry (Others) School Const. Waste (Mixed)	Container Weight 5				-																												
2 o 2 O	Gross Weight 4					•				0						0				0	:				0				0	0			
Sources e & Shops) t Parks otels	Container Weight 4					0				0						0				0					٥				0	0			
Generation Sources Building (Office & Shops) Fluite Marker & Parks Restaurnt & Hotels	Gross Weight 3	ļļ	383.000			5.000				0						388,000				0					0		-		0	388,000			
မွ () () () ()	Container Weight 3		20.170			0				0						20.170				0					0				0	20.170			
ources  (General)  (Office)	Gross Weight 2		12.500		7.000	7.000	3,280			3.280						22.780				0	4.000				4,000		İ		O	26.780			
Generation Sources Residential Area Commercial Area (General) Buildings (Gov., Office)	Container Weight 2		1.350		0		1.350			1,350						2.700				0	1,350				1.350				0	4.050			
\$ <b>₹</b> ₹ ₹ ₹	Gross Weight I		2.000	5.500	6.000	11,500	4			10.460	0	1,240		2,500	Ĭ.,	35		2.840	`	ľ		2.580			22.370		380	220	009	3%			
	Container Weight 1		1.350	1,980	1.350	3,330	1.350	1.350	1,350	4.050		٥	1,350	٥	1.350	11.430		1.350	1.350	2,700	2.320	1.350	0	0	6.370		0	0	0	17.800			
: 1 September :(E) : Cloudy : Mr. Ameen				Paper	Cardboard	Subtotal	Film	Bottle & Others	PET	Subtotal	G.				Q.			Broken Glass	Bortle	Subtotal	Cans)				otal		c (Batteries)	5 Waste	otal		o (lic):		
Survey Date Generation Source Weather Name of Surveyor	Type of Waste	Organic Waste	Food Waste	Paper	•		Plastics				Rubber & Leather	Textiles	Yard Waste	Mood	Other Org. Waste	Organic Waste Total	In-organic Waste	Glass	<u> </u>		Tin Cans (Steel Cans)	Aluminum cans	Other Metals	Dirt, Ash. Sand	In-orrganic Waste Total	Hazardous Waste	Hazardous Waste (Batteries)	Other Hazardous Waste	Hazardous Waste Total	Total Weight (kg):	Total Waste Volume (lit.)	Bulk Density (kg/lit.)	

(8) Schools

Result of Waste Composition Survey in Male'

		ŗ							J
Sampie 140.	-	7.0	26	ß	INTEX.	ż	ii M	7 Oran	Vallo
Sampling Date, 1998	c, 1998	29 Aug.	30 Aug.	1 Sep.					(%)
Organic Waste	e								
Food Waste	ړو	10.650	06.30	7,150	10,650	8,197	6,790	24,590	20.40
Paper	Paper	6,040	01-6'9	6,190	6,940	6,390	6.040	19.170	15.91
	Cardboard	6,440	5,260	6.270	6,440	5,990	5,260	17,970	14.91
	Subtotal	12,480	12.200	12,460	12,480	12,380	12,200	37,140	30.82
Plastics	Film	1,350	2.500	1,750	2.500	1,867	1.350	5,600	4.65
	Bottle & Others	057	0587	05*	1.850	416	450	2,750	2.28
	PET	200	400		400	300	200	006	0.75
	Subtotal	2,000	4.750	2,500	4.750	3,083	2,000	9.250	7,68
Rubber & Leather	Leather	0	0	0	0	0	0	C	0.00
Textiles		٥	0197	0	1,640	547	0	1.640	1.36
Yard Waste	te.	3.430	4,140	2,750	4,140	3,437	2,750	10,310	8.55
Wood		006	1,120	7007	1,120	200	700	2,720	2.26
Other Org. Waste	. Waste	2,200		2,550	4,300	3,017	2,200	050'6	7.51
Organic Waste Total	c Total	31,650	34,940	28,110	34,940	31.567	28,110	94,700	78.58
In-organic Waste	ste								
Glass	Broken Glass	059	150	055	650	450	150	1,350	1.12
	Bottle	350	200	00£, t	1,300	717	350	2,150	1.78
	Subtotal	1,000	059	1,850	1.850	1,167	029	3,500	2.90
Tin Cans (	Tin Cans (Steel Cans)	4.150	530	008'5	\$,300	3.327	230	086'6	8.28
Aluminum cans	cans	2050			2,050	1,300	300	3,900	3.24
Other Metals	tals	005	0	1,950	1,950	817	0	2,450	203
Dirt, Ash. Sand	Sand	450	2,050	3,250	3.250	1.917	450	5,750	4.77
In-orrganic Waste Total	aste Total	8,150	3,530	13,900	13,900	8.527	3,530	25.580	21.22
Hazardous Waste	aste								
Hazardous	Hazardous Waste (Batteries)	150	0	06	150	80	0	240	0.20
Other Haz	Other Hazardous Waste	0	0	0	0	0	0	0	0.00
Hazardous Waste Total	aste Total	150	0	06	150	80	0	240	0.20
Total Weight (kg)	(kg)	39,950	38,470	42,100	42,100	40.173	38,470	120,520	100.00
Total Waste Volume (lit.)	/olume (lit.)	280	260	320	320	287	260	860	
Bulk Density (kg/lit.	(kg/lit.)	0.143	0.148	0.132	0.148	0.141	0.132	0.140	

Record Sheets (Male Municipality) (Sheet No. 34/39)

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r Gross	Commercial Area (General) Buildings (Gov., Office)	nemi) D cc) E	Fruits Market & Parks Restaurant & Hotels	z Parks Otels	o I	School Const. Waste (Mixed)	Vixed)		
WEIGHT	Container Gross Weight 2 Weigh	Gross Container Weight 2 Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight   R (g)	Ratio(%)
		l						10,880	34.46
		_						70,000	15 12
		5,100						2000	1,415
		4.900						20, 5	<b>1</b>
3.960 10.400	ļ	10.000						056.	1 2 K
ļ	1.350	1.950				****		050	113
								200	600
1.350 1.550			_					007	000
4.050 5.450	1.350	1.950						200.7	1 2
								5 6	3 8
									3
1.980 5.400								3.420	8.30
	_							8	
1.350 3.550								2.200	70
12,690 37,700	5.310	11.950						31.650	77.6/
								7	
1,350 2,000			-					050	00.
1.350 1.700								occ.	00.0
2,700 3,700	0	Ô						7.000	250
1,350 5,500								4.150	10.39
1.350 3.400								2.050	5.13
0 500								000	27:1
1.350 1.800								950	51.1
6.750 14.900	0	Ó					_	8.150	20.40
0 150						-	-	150	0.38
0 0						_		ō	0.0
0 150	0	0					_	150	0.38
19,440 52,750	5.310	11.950						39.950	100.00
									082
									0.143

Record Sheets (Male Municipality) (Sheet No. 35/39)

1			į	ţ		Š			4	Solica Solicas	College		
Survey Date	: 22 September		ğ	Ceneration Sources	Sources	30 C	Concration	Out Case			30 to 100		
Generation Source	ن ا ا		<b>√</b> i	Residential Area	: : :	ដូ ៤	Building (Office & Shops)	& Shops)	2 (	Home materia (Canas)	(coes)		
Weather Name of Superior	: Fine : Mr. Ameen		ដីខ	Commercial Area (Ceneral) Religinos (Cene. Office)	ca (General) C. Office)	O) Exi	Restaurant & Hotels	rans	, <u>I</u>	Const. Waste (Mixed)	Mixed)		
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	, Mar. Callocal					ì							
Type of Waste		Container	Gross	Container	Gross Weight?	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight   Ratio(%)  (E)	Katio(%)
Organic Waste			e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l	C							1		
Food Waste		1.980	7.500	1.980	3,250							6.730	17.65
Paper	Paper	1.980	6,4	1,980	4.500							6.940	18.04
•	Cardboard	1.980				0	1,250	0	940			5.260	13.67
	Subtotal	3.960		1,980	6.200	0	1.250	0	940		0	12,200	31.71
Plastics	Film	1.350		1,350	1,980	×						2.500	6.50
	Bottle & Others	1.350	3,200									1,850	4.81
	PET	1.350										400	1.04
	Subtotal	4.050	8.170	1,350	1.980	0	0	٥	0		0 0	4.750	12.35
Rubber & Leather	ıcı											0	0.00
Textiles		0	7		0 200	5						1,640	4.26
Yard Waste		1.980				_						4,140	10.76
Wood		0	12									1,120	2.91
Other Org. Waste	91	1,350	ě,								-	4,300	11.18
Organic Waste Total	17	13.320	ľ	5.310	11.930	0	1.250	0	940		0	34.940	90.82
In-organic Waste													
Glass	Broken Glass	0										150	0.39
	Bottle	0	200								_	200	1.30
	Subtotal	0	950		)   0	0 0	0		0 0		0	9	1.69
Tin Cans (Steel Cans)	Cans)	1,350	1,									530	1.38
Aluminum cans		1.350	1.650									300	0.78
Other Metals		0	0									0	
Dirt. Ash. Sand		1.350	3.400									2,050	
In-orrganic Waste Total	[ota]	4.050			0	0 0	0		0 0		0 0	3.530	9.18
Hazardous Waste													2044
Hazardous Waste (Batteries)	te (Batteries)	0	0	30								ō	
Other Hazardous Waste	is Waste	0										0	0.00
Hazardous Waste Total	Cotal	0	0		0	)  0	0 10		0	)	0 0	0	0.00
Total Weight (kg):		17.370	47.030	5310	11.930		0 1.250		0 940		0 0	38.470	100.00
Total Waste Volume (lit.)	ic (lit.) :												260
Bulk Density (kg/lit.)	נ):												0.148

Record Sheets (Male Municipality) (Sheet No. 36/39)

Generation Source	(b):		. ⋖	Residential Area	Residential Area	3	Building (Office & Shops)	a & Shops)	P-3	Home Industry (Others)	(Others)		
Weather Name of Surveyor	: Coudy : Mr. Ameen		\$-1 0-1	Commercial Area (General) Buildings (Gov., Office)	a (சோன்பி) . Office)	០ឆ	Fruits Market & Parks Restaurant & Hotels	è Parks lotojs	o I	School Const. Waste (Mixed)	Mixed)		
Type of Waste		Container Weight 1	Gross Weight 1	Container Weight 2	Gross Weight 2	Container Weight 3	Gross Weight 3	Container Weight 4	Gross Weight 4	Container Weight 5	Gross Weight 5	Net Weight Ratio(%) (g)	Ratio(%)
Organic Waste													
Food Waste		1.350	005.8									7,150	
Paper	Paper	1.980		1.980	5,400							6.190	14.70
•	Cardboard	1.980	5.050									6.270	
	Subtotal	3.960		1.98	8,600							12.460	29.60
Plastics	Film	1.350										1.750	
	Bottle & Others	1.350	1.800									450	
-	PET	1,350										300	
	Subtotal	4,050		1.350	1.950		<u>.</u>					2.500	
Rubber & Leather	)er				į							0	0.00
Textiles												0	
Yard Waste		1,350	4,100									2.750	
Wood		0	700									700	
Other Org. Waste	ite.	1,350	3.									2.550	
Organic Waste Total	le.	12,060	32,	3,330	10.550							28,110	66.77
In-organic Waste													
Glass	Broken Glass	0	955		,						-	550	
	Bottle	0	1.300									1,300	
	Subtotal	0	1.850	0	0							1.850	
Tin Cans (Steel Cans)	Cans)	1.350		056.1	4,000							5,300	
Aluminum cans		1.350	2,900									1.550	
Other Metals		0										1.950	
Dirt, Ash. Sand		1.350									0	3,250	
In-orrganic Waste Total	Fotal	4.050	15.300	1.350	4,000						_	13.900	33.02
Hazardous Waste												•	
Hazardous Waste (Batteries)	te (Batteries)	0	06						_			06	0.21
Other Hazardous Waste	is Waste	0	0									0	
Hazardous Waste Total	otal	0	06	0	0	0	0		) lo	) 0	0 0	80	
Total Weight (kg):		16.110	48.3	4,680	14.550	0	0	0		) [0	0 0	42.100	ŏ
Total Waste Volume (lit.)	c (lit.):	_							•				320