Appendix-5 Cost Estimation Borne by the PA



Appecdix -5 Cost Estimation Born by the PA

(1/4)

p.o. w.asa-c-wc	Appecdix	-5 Cost	Estimation Bori	n by the 17	\	-1	(1)-1)
	Implementation Agency]]]		Train and a	
Group No.	Municipality/Village	Items	Contents	Quantity	Unit	Unit price (NIS)	Amount (NIS)
Group Inc.	tringuethanth a mage	tions	Concerts	1 200		(1(10)	Autour (cree)
A. Consti	uction of Garage						
· · · · · · · · · · · · · · · · · · ·	:	1					
1	l Baka Al-Shrqeah						
	2 Nazlet Essa	Garage	Colum, Roof	1	set	6,800.00	6,800.00
2	3 Der Al-Ghosoun	1				T	
·	4 Al-Jarousheah	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
3	5 Sida]	
ll	6 Ellar	Garage	Colum, Roof	1	set	6,800.00	6,800.00
4	7 Ateel					1	100000
	8 Zita	Garage	Colum, Roof	i	set	6,800.00	6,800.00
5	9 Kofur Zebaad	_					
l j	10 Kofur Jammal						5 000 00
	11 Kofur Abbous	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
6	12 Shofeh	ļ					
	13 Faroun	<u>]</u> _	, , ,				6 000 00
	14 Safareen	Garage	Colum, Roof	1	set	6,800.00	6,800.00
7	15 Roujceb	1_		, !		1 , 200 00	. 000 00
	16 Der Al-Hatab	Garage	Colum, Roof	1	set	6,800.00	6,800.00
8	17 Bait Dajan	4					i I
	18 Azmout	1_	la v. n. e	Ι,	7.04	4 000 00	2 800 00
ļ	19 Salim	Garage	Colum, Roof		set	6,800.00	6,800.00
9	20 Yaseed	_					
	21 Bait Emmreen	4	}	ĺ		1	1
	22 Nusf Jbail	4	Dalum Book	Ι,	221	6,800.00	5 800 00
	23 Sabastea	Garage	Colum, Roof	- 1	set	0,000.00	6,800.00
10	24 Borqa	1	Colum Poof	1	, د	6,800.00	6,800.00
11 12 12	25 Bezareah	Garage	Colum, Roof	'	set	0,000.00	0,600.00
11,12,13	26 Fasayel 27 Al-Jiftlek	4					ļ
14,15	27 Al-Jilliek 28 Marge Ghazal	4	ļ				}
	28 Marge Unazar 29 Marge Najeh	-	1	1]	j
	30 Al-Zobaidat	- Gагаде	Colum, Roof	1	set	6,800.00	6,800.00
16	30 Al-Zobaidat 31 Eain Al-Duke	Garage	- Cotom, Root		- 300	0,000.00	0,000.00
10	32 Al-Ouja	Garage	Colum, Roof	1	set	6,800.00	6,800.00
17	33 Al-Obaydya	Garage	Colum, Roof	- ; -	set	6,800.00	
18	34 Dar Salah	Oatage	Cotuin, 1002				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10	35 Al-Shawawreh	-			1	· [
	36 Ras Al-Wad	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
19,22	37 Hosan	00.05	0012, 1.1.1.1	- 	 	-,-	
.,,,,,,,,	38 Batier	-{	[
	47,48 Al-Walajeh/Eain Al-Jowaiza	Garage	Colum, Roof	1	set	6,800.00	6,800.00
20	39 Al-Masara	02,75			 	 '' 	1
	40 Marah Rabah			1			
	41 Om Salmouneh	-				,	j
	42 Jouret Al-Shamma						
	43 Waid Rahal	┥ .	1	1	1		
j	160 Wade Al-Neas	-1		İ			ļ
	161 Marah Maalah	┪	;				
	162 Khalet Al-Hadadh	Garage	Colum, Roof	1	set	6,800.00	6,800.00
21,22	44 Bait Tamer				 		
,	45,46 Braidaah/Hindaza	Garage	Colum, Roof	1	set	6,800.0	6,800.00
23	49 Tekoa	Garage	Celum, Roof	1	set	6,800.0	
24	50 Bait Fajar	Garage	Colum, Roof	11	set	6,800.0	
25	51 Wadi Fokeen	3			+-		
1 -	52 Nahaleen	Garage	Colum, Roof	1	set	6,800.0	6,800.00
4							

Appecdix -5 Cost Estimation Born by the PA

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	Implementation Agency			1 1	•	Unit price	
Group No.	Municipality/Village	Items	Contents	Quantity	Unit		Amount (NIS)
26	53 Kofur Laquef	2501115				l	
- ²⁰ -	54 Baquet Al-Hatab					<u> </u>	1
-	55 Hajeh	ł				i !	
-	56 Jeet	1		İ		l Ì	
-	57 Emmalcen			i		1	
-	58 Farata	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
27	59 Kofur Thuluth	Garage	Colum, Roof		şet	6,800.00	6,800.00
28,30	60 Jensafout	Catage	Colum, 1001			1	·
28,39	61 Al-Fondok	-					
ļ.		Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
	68 Kofur Qudoom	Garage	Colum, Root			1 0,000.00	
29,31	62 Ras Ateah	4		1		1 1	
ļ.	63 Ras Al-Tiereh	4				!	1
	64 Al-Kheameh	4					
].	65 Ezbet Jaloud	4		1		'	
ļ	66 Al-Ashquer					1	
	67 Al-Mdawer		0.1 56			6,800.00	6,800.00
	69 Habla	Garage	Colum, Roof		set	0,800.00	0,000.00
32	70 Ezbet Al-Tabeeb	_]			1	1	
į	71 Asaleh	1					
L L	72 Al-Nabee Eleas	_		ĺ		1	
	73 Jayos					1 .	
	74 Falamea	_]			l .	6 000 00	6 000 00
[75 Seer	Garage	Colum, Roof	1	set	6,800.00	6,800.00
33	76 Bait Laqeah		_		i .	1	6 9 9 9 9 9
	77 Bait Sira	Garage	Colum, Roof	1.	set	6,800.00	6,800.00
34	78 Naleen	1			1	1	
	79 Al-Media	7		i		1	
	80 Der Qudees	Garage	Colum, Roof	1	set	6,800.00	6,800.00
35	81 Qubeah				1	1	
	82 Bodrus	7	ļ	ĺ			
	83 Shoqba	Garage	Colum, Roof	1	set	6,800.00	
36	84 Banizaid Al-Gharbiah	Garage	Colum, Roof	1	set	6,800.00	6,800.00
37	85 Ranties					}	Ì
1	86 Alleban	7		· [1	i	
ł	87 Aboud	Garage	Colum, Roof	ì	set	6,800.00	6,800.00
38	88 Bait Aour Al-Foka					_	
	89 Al-Tahta			i			
	90 Safa	Garage	Colum, Roof	1	set	6,800.00	6,800.00
39	91 Baleen				1		
	92 Der Bazeea	╡				i	1
	93 Kofur Neamah	Garage	Colum, Roof	·] i	set	6,800.0	6,800.0
40	94 Kober						
	95 Al-Mazraa Al-Kebleah			Į	1		1
1	96 Abu Shkhaidem	Garage	Colum, Roof	- 1	set	6,800.0	6,800.0
41	97 Anata	Garage	Colum, Roof	1	set	6,800.0	0 6,800.0
42	98 Bait Doquo		 -		†		
1 "	99 Bait Ejza	Garage	Colum, Roof	1	set	6,800.0	6,800.0
43	100 Bait Souriek	- Catago			 		1
1 3	101 Bait Exa		1	i	i	1	
ì	102 Al-Nabi Samweel	Garage	Celum, Roof	1 3	set	6,800.0	0 6,800.0
44	103 Beir Nabala	Garage	Colum, Roof	- 	set	6,800.0	
44	103 Beit Nabaia 104 Al-Ram	Garage	Colum, Roof	1 2	set	6,800.0	
	104 Al-Ram 105 Al-Sawahreh Al-Sharqeah	Oat age	Cotoni, Root	- 	+	+	1
46,47							ì
	106 Al-Shaikh Saed		Colum Doof	1	set	6,800.0	6,800.0
	107 Al-Zuayem	Garage	Colum, Roof		261		0,000.0
48	108 Bait Anan	\dashv_{a}	O.1 B. 6	1 .		6,800.0	6,800.0
	109 Al-Jeeb	Garage	Colum, Roof	1	set	0,800.0	0,000.
49	110 Katanh			1.		£ 000 £	νή c οργ
1	111 Al-Kpaba	Garage	Colum, Roof	1	set	6,800.0	6,800.0

Appecdix -5 Cost Estimation Born by the PA

(3.4)

		dix -5 Cost	ESHMATION DOL	1		<u> </u>	-
	Implementation Agency			1		Unit price	
Group No.	Municipality/Village	Items	Contents	Quantity	Unit	(NIS)	Amount (NIS)
50 Stoup No.	112 Bani Nosim	Garage	Colum, Roof	Quantity	set	6,800.00	6,800.00
- 30 - 31	113 Al-Samoua	Garage	Colum, Roof		set	6,800.00	6,800.00
52	114 Saeet	031880	Colum, Root		300	0,000.00	0,000.00
32	115 Al-Sheukh	Garage	Colum, Roof	1	set	6,800.00	6,800.00
53	116 Al-Dahreyah	Garage	Colum, Roof	$-\frac{1}{3}$	set	6,800.00	20,400.00
54	117 Yatta	Garage	Colum, Roof	3	set	6,800.00	20,400.00
55	118 Dours	Garage	Colum, Roof	2	set	6,800.00	13,600.00
- 56	119 Eznoa	Garage	Colum, Roof	$\frac{1}{2}$	set	6,800.00	13,600,00
57	120 Tarkoumeah	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
58	120 Tarkoumean	Garage	Colum, Roof		set	6,800.00	6,800.00
59	122 Bait Awla		Colum, Roof	- 	set	6,800.00	6,800.00
		Garage	Colum, Root		261	0,800.00	0,800.00
60	123 Tammoun		Colum Boof	,	424	6,800.00	6,800.00
-71.73	124 Al-Farah	Garage	Colum, Roof	1	set	0,800.00	0,800.00
61,63	125 Bardala						
	126 Ean Al-Baida		0-1 P6			6,800.00	6,800.00
	128 Tayasecr	Garage	Colum, Roof	1 1	set	6,800.00	6,800.00
62	127 Aquaba	Garage	Colum, Roof Colum, Roof	1 1	set	6,800.00	
64	129 Toubas	Garage	Colum, Root	<u>'</u>	set	0,800.00	0,800.00
65	130 Qurawet Bani Hassan		O.L. B. G	1		6,800.00	6,800.00
	131 Al Zaweah	Garage	Colum, Roof		set	6,800.00	0,800.00
66	132 Der Balout		Calam Base			6,800.00	6,800.00
	133 Kofur Al-Deek	Garage	Colum, Reof	1 1	set	6,800.00	0,800.00
67	134 Dier Estia		0, 5,	ı		6,800.00	6,800.00
(0.10	135 Kefel Hares	Garage	Colum, Roof		set	0,800.00	0,800.00
68,69	136 Jalboun						ĺ
	137 Der Ghazaleh		o to a positi			6 000 00	6,800.00
	138 Arabbouneh	Garage	Colum, Roof	1	set	6,800.00	0,800.00
70,71	139 Serees	\rightarrow	C.L. Dave			6,800.00	6,800.00
	140 Al-Jdaydeh	Garage	Colum, Roof	1 1	set	6,800.00	
72	141 Arrabeh	Garage	Colum, Roof	 	set	6,800.00	
73	142 Yaabad	Garage	Colum, Roof		set	0,800.00	0,800.00
74	143 Kofur Raae			ļ			
	144 Fahmeh		Colum, Roof	1	<i>s</i> et	6,800.00	6,890.00
25	145 Al-Rameh	Garage	Colum, Rooi		361	0,800.00	0,000.00
75	146 Al-Moghayer					1	ł
	147 Jalkamous			1			
	148 Om Al-Tout 149 Al-Matalleh		Colum, Roof	1	set	6,800.00	6,800.00
7.		Garage	Cotem, Root		361	0,000.00	0,800.00
76	150 Etenek	 -			}	1	1
	151 Ancen	Compa	Colum, Roof	1	set	6,800.00	6,800.00
	152 Zbouba	Garage	Coloni, Root		201	0,000.00	0,000.00
77	153 Jabaa					-	
/8	154 Al-Jalameh 155 Araneh	_ .					ĺ
	156 Al-Dahea	Games	Colum, Roof	i	set	6,800.00	6,800.00
- 70		Garage	Colum, Kooi		364	0,800.00	1 0,000.00
79	157 Anzeh			l			
	158 Ajjeh		Colum Boof	1	set	6,800.00	6,800.00
ļ	159 Al-Zaweah	Garage	Colum, Roof		350	0,000.00	0,000.00
	į	1		l	1	1	L
<u> </u>	Total of A				T		503,200.00

Appeedix -5 Cost Estimation Born by the PA

(4/4)

	Implementation Agency	T	tillation born	1			
i				l i		Unit price	. 1
Group No.	Municipality/Village	Items	Contents	Quantity	Unit	(NIS)	Amount (NJS)
B. Improve	ment of disposal site						
Jenin Dispo	sal Site (Jenin Municipality)	Fence	Fence H=1.5m	720	M	40.00	28,800.00
•		Gatage	Bulldozer		set	6,800.00	6,800.00
		Garage	Backhoe	1	set	6,800.00	6,800.00
	· ·	Garage	Dump truck	1	set	6,800.00	6,800.00
		Sub total					49,200.00
Tulkarem D	Disposal Site (Tulkarem Municipality)	Fence	Fence II=1.5m	490	M	40.00	19,600.00
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Garage	Tract loader	 	set	6,800.00	6,800.00
	•	Sub total		 -		 	26,400.00
Toubas Dis	posal Site (Toubas Municipality)	Fence	Fence H=1.5m	540	M	40.00	21,600.00
		Access road	3,500m x 7m	24,500	M²	35.00	857,500.00
		Garage	Tract loader		set	6,800.00	6,800.00
		Sub tota					885,900.00
Nablus Dis	posal Site (Nablus Municipality)	Fence	Fence H=1.5m	490	М	40.00	19,600.00
İ						<u> </u>	10 600 00
		Sub tota				40.00	19,600.00 10,400.00
Salfit Disp	osal Site (Salfit Municipality)	Fence	Fence H=1.5m	260	M	40,00	10,400.00
		Sub tota	i j	1		1	10,400.00
Jericho Dis	posal Site (Jericho Municipality)	Fence	Fence H=1.5m	570	M	40.00	
	•	Garage	Tract loader	1	set	6,800.00	
		Sub tota	1				29,600.00
Ramallah l	Disposal Site (Ramallah Municipality)	Fence	Fence H=1.5m	800	М	40.00	32,000.00
1	•	Garage	Bulldozer		set	6,800.00	
		Garage	Backhoe	1	set	6,800.00	
		Garage	Dump truck	1	set	6,800.00	6,800.00
		Sub tota	i i				52,400.00
Hebron Di	isposal Site (Hebron Municipality)	Fence	Fence H=1.5m	1,300	M	40.00	52,000.00
		Sub tot	7				52,000.00
							<u> </u>
	Total of B						1,125,500.00
	ruction of Warehouse						
Ramallah	workshop	Warehouse		300	M²	800	240,000.00
	Total of C						240,000.00
Grand 7	Cotal						1,868,700.00

Appendix-6 Survey on Solid Waste Amount and Composition



Data Evaluation of Yatta

(1) Unit Generation Rate in town

	High/Middle Income class	Low Income class	shops & Market	office	Total
Surveyed Unit generation					
Rate	-				
(kg/capita)	1.67	0.39			
No. of House	300	5,000			
Population	3,700	33,300			
Surveyed Unit generation Rate (kg/shop)			18.06	1.54	
No. of shop			450	1	
Generated Amount per day (kg)	6,179	12,987	8,127	2	27,295
Result: Unit	 Generation R	late in town (k	g/capita/day)	0.74

	High/Middle Income class	Low Income class	shops & Market	office	Total
Surveyed Density	0.31	0.34	0.39	0.30	
Generated Amount per day (ton)	6.179	12.987	8.127	0.002	27.295
Calculated Amount per day (m3)	20,3	38.2	20.8	0.005	79.3
Result: Bull	Oensity of So	olid Waste of t	own (t/m3)		0.34

Collected Data Evaluation for High/Middle Income Class Houses IN Yatta

			Ì			-		4	ا	8	6	01	Total	Ave./capita Donalty Vm3	Donaty Cm3
		House No.	-	2	6	4	n	† - -		55	505	300	2 340	45.9	
	Γē	Gloor area m?	160	160	-	140	140	140	20	3		6	5.4	1	
	•			٨	-	'n	~	2	5	8	C	?	2		
S	Oate	persons	,	Ì										X	
	~				5	13.10	00.9	88	16.50	5.20	12.20	1.50	101.10	1.98	Q.
1st day 30	30-Jun .	weight (kg)	28.80	0.40	0.40	27.5	3	1	A.A.	39	20	12	299	5.9	1
	: ;	volume (lit.)	43	25	39	40	0	. 7	;						
		_					,		5	0 9	Cø	g	810	1.59	0.35
	111	vaioht (kg)		4.0	12.0	13.0	10.0	3.0	0.,	70	200		220	4.5	
Zua nay	; ; ;	(+1)		5	09	40	22	0	20	B	22	2	3	2	
		Circling (III.	0										1	١	000
			3	co	12.8	9	9	0'0	0.0	9.5	0.0	7.0	72.5	1.42	0.30
3rd day 2	2-Jul-2	weight (Kg)	0.22	7.0	200	06	5	0	0	20	0	15	190	3.7	1
	•	volume (lit.)	20	52	3	, , , , , , , , , , , , , , , , , , ,	,				20 00 00 00 00			S. (S)	
							,	ļ	Ç	2.5	000	4.0	86.5	1.70	0.22
4th day	3-Jul	weight (kg)	25.0	18.0	0.9	12.0	3.0	D	+			20	400	7.8	1
		Volume (lit)	110	. 09	20	. 50	15	20	3	C 7		3	2		
									8 9 9						02.0
	4400		V 96	3.0	12.0	13.0	2.0	7.0	10.0	3.0	12.0	35.0	133.0	2.01	0.30
5th day 4	4-July-4	weight (Kg	20.0	2.5	2	3.5	15	81	20	20	09	20	353	6.9	1
	1	voluma (lit.)	80	2	2	2	?								
					,	ų o	C	36	102	100	8.9	3.0	85.5	1.68	0.29
6th day	5-Jul	weight (kg)	45.0	3.1	2.4	0.0	2.5	2,0	200	26	06	20	294	5.8	l
	7	volume (lit.)	95	29	7	35	15	20	2	ÇŞ	27	^7			
										ļ		0	7 30	1.68	0.17
	_	(La)	12.5	4.1	0.9	8.4	9.2	6.0	13.0	5.5	11.3	20.0	2.5	200	
/th day	יין יין פיין	Weight N.B.	00	AO	70	40	45	9	70	40	\$	9	513	70.1	
	1	Volume (IIIC.)	?	2											
	372			63	5.6	68	٦	00	00	1.3	9.1	2.5	51.7	1.01	0.18
8th day	-7- 	weight (kg)	2.0	0.5	2.7	2.5	QV	C	0	10	35	න	293	5.7	
		volume (lit.)	909	9	33	23	7	Ì							
							2000								
	-						*****				•		***************************************		
·	<u>.</u>	11000000000000000000000000000000000000													
															7
	1							1 1	1				697.0	1.73	0.27
Total for		weight (kg)	101010101010101010101010	144444410999444444444444444444444444444	=======================================	***************************************							2,578	6.3	
8 days		volume (lit.)											595.9	1.67	0.26
Total for		weight (kg)	***************************************	***************************************				***************************************		***************************************	****		2.279	6.4	1
last 7 days		volume (lit.)													

Collected Data Evaluation for Low Income Class Houses In Yatta

			,	ç	·	-	ď	9	 -	8	6	10	Total	Ave./capita Density t/ni3	Jonsity t/m3
		House No.			2	120	160	100	200	120	8	2	1,010	9.9	,~
		Floor area m2	90	221	25	071	3	2				Ф	103	,	
	Date	persons	_		10	10	14	2	?	-	,	,			\$18.000 CO. 000 8000
														Control of the Control	
					777	06	60	4.4	11.0	9.0	0.0	8.0	54.0	0.53	0.34
1st day	30-0un	_:	7.5	2.5	2	3	-	101	15	20	0	18	160	1.6	•
		volume (lit.)	ì	77	2	e e		Ž							
	8.	200		3			6	1:5	6	7.0	3.5	2.0	32.3	0.32	0.61
2nd day	<u>ا</u>		7.7	3.5	7.7	2	3			8	9	4	53	0.5	1
		volume (lit.)	8	/-	3	2	2	7	,	,					
						3	,	36	Š	110	-	0,5	50.3	0.49	0.80
3rd day	2-74	weight (kg)	8.0	8,	6.0	12.0	2 (5 6	7.7		· ·	7	62.5	9.0	1
		volume (lit.)	9	3	6	=	5	7	2						
						,	3	•	5	5	20	00	37.7	0.37	0.30
4th day	3-Cul		110	0,	0.7	O O	0.5	2,4	3,5	256		0	126	1.2	
		volume (lit.)	80	7	25	20	8	20	7	37	7	>	221		
													4	66.0	26.0
5.th 2.21	A 4.1	waight (kg)	06	3.0	3.0	2.0	2.5	3.0	3.5	3.0	4.0	7	0.65	0.53	25.5
yen mc	·	<u>. </u>	40	9	10	00	9	9	7 5	. 9	8	5	102	1.0	1
		A CHILLIAN									6.00			7	
			٢	0 -	30	3.0	0.3	5.0	1.2	4.1	3.0	0.0	28.7	0.28	0.34
6th day	ה ה ה	Weight (K6/	2.5	 	Α.	-	1.5	01	00	15	7	0	83.5	0.8	-
		VOIDING (III.)	7,7												
		99.4	ſ		6 11	- 6 V	60	6.9	1.2	7.0	6.1	0.0	45.2	0.44	0.34
7th day	1nC-9		77	7	7	2	30	29	8	35	4	0	134	1.3	1
		Volume (III.)		?	2	,									
				1	0	C	06	0,	0.1	6.0	5.3	1.2	48.8	0.48	0.21
8th day	בייל-/		0.01	C.O.	0,0	2	2.5	35	9	35	55	60	234	2.3	ı
		volume (III.)	0	2	3	•	,		100000000000000000000000000000000000000						\$
200000000000000000000000000000000000000														-	
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		***************************************				:									
									100000000000000000000000000000000000000						1
		(-1)											331.0	0.41	0.35
lotal for		Weight Age						***************************************	VI 000000000000000000000000000000000000				955	1.2	ı
8 days		Volume (III.)											277.0	0.39	0.35
Total for		weight (kg)				***************************************		***************************************				, page 20 11 22 22 24 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2	795	-	
last 7 days	'n	volume (lit.)													

Collected Data Evaluation for Shops & Market IN Yatta

4	2	-	-		110.0	120		1280	001	2		95.0	110		120.0	160		1700	905	3		150.0	225		60.0	220		61.00	160									
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	House No.	loor area m2		Dersons	881	weight (kg)	Φ		۱٠	THE STATE OF	Volume (III)	(1)	•	volume (lit.)		weight (kg)	volume (lit.)		weight (kg)	•	VOMENIO V		별	volume (lit.		weight (kg)	. 2		weight (kg)	volume (it	! ∰				weight (kg	volume (lit.)	weight (kg)	volume (lit
		լս		Date		30-Jun				7			2~3 	-		3-Jul	L <u>-</u>		A- h.d	;			5-Jul-3	_		1nC-9		,	17					,				
					S. C. C. C. C. C. C. C. C. C. C. C. C. C.	1st day				2nd day		0.0000000000000000000000000000000000000	3rd day			4th day			100	Ken mc			6th day			7+1 43			8th day	5					Total for	8 days	Total for	last 7 days

Data of Shop No.4 is for reference only.

Collected Data Evaluation for Office & Street In Yatta

Date Floor area m2 500 Length km 0.5 St day 30-Jun weight (kg 4.0 volume (it.) 153 2nd day 1-Jul weight (kg 3.7 volume (it.) 150 2nd day 2-Jul weight (kg 3.7 volume (it.) 150 2th day 2-Jul weight (kg 1.5 volume (it.) 140 2th day 3-Jul weight (kg 1.5 volume (it.) 140 2th day 5-Jul weight (kg 1.8 weight (kg 1.9 volume (it.) 140 2th day 5-Jul weight (kg 1.8 weight (kg 1.3 volume (it.) 140 2th day 5-Jul weight (kg 1.0 volume (it.) 160 2th day 5-Jul weight (kg 1.0 volume (it.) 160 2th day 5-Jul weight (kg 1.0 volume (it.) 160 2th day 5-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th day 7-Jul weight (kg 1.0 volume (it.) 160 2th days weight (kg 1.0 volume (it.) 160 2th day				Office			Street
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days volume (iit.) 112 volume (iit.) kg/office/day 1.54 kg/km/day Consity t/m3 0.10 Density t/m3	Total for		weight (kg)	10.8		weight (kg)	118.7
Re/office/day 1.54 kg/km/day Density t/m3	last 7 day	- gs	volume (lit.)	112		volume (lit.)	848
0.10 Density t/m3			ke/office/day			kg/km/day	59.35
			Density 1/m3	<u> </u>	8	Doneity t/m3	0.14

Evaluated Waste Composition & Bulk Density Yatta (July 2)

Ite	ms	High/Middle	Low	Shops & Market	Office
Bulk Density					
	weight kg	72.5	50.3	84.9	1.5
	volume lit.	190	150	129.5	5
	density ton/m3	0.38	0.34	0.66	0.30
	2				
Composition Comb	ustible %	98.6%	98.5%	97.6%	40.0%
	Paper %	7.9%	13.3%	3.5%	39.3%
	Textile %	2.1%	0.4%	0.0%	0.0%
	Plastic %	6.3%	15.3%	1.5%	0.7%
	Rubber %	0.0%	0.9%	0.0%	0.0%
	Learther %	1.9%	0.0%	0.0%	0.0%
	Grass & wood %	5.0%	4.8%	0.0%	0.0%
	Kitchen Waste %	75.4%	63.8%	92.6%	0.0%
	Others over 5mm %	0.0%	0.0%	0.0%	0.0%
	Others under 5mm		0.0%	0.0%	0.0%
Non-	combustible %	1.4%	1.5%	2.4%	60.0%
	Metal %	0.5%	0.1%	0.2%	6.7%
	Glass %	1.0%	1.4%	2.1%	53.3%
	Ceramic %	0.0%	0.0%	0.0%	0.0%
	Sand, stone, soil %	0.0%	0.0%	0.0%	0.0%

Evaluated Waste Composition & Bulk Density Yatta (July 6)

	lte	ms	High/Middle	Low	Shops & Market	
Bulk Density						
		weight kg	67.7	34	48.5	***
		volume lit.	300	100	443	
		density ton/m3	0.23	0.34	0.11	2
Composition	Combi	ustible %	95.3%	98.8%	96.9%	
		Paper %	7.8%	0.9%	18.4%	
		Textile %	0.0%	0.1%	0.0%	
		Plastic %	5.5%	10.9%	13.0%	<u></u>
		Rubber %	0.0%	0.0%	0.0%	
		Learther %	0.0%	0.0%	0.0%	
		Grass & wood %	9.6%	1.0%	0.3%	
		Kitchen Waste %	72.5%	85.8%	65.2%	
		Others over 5mm %	0.0%	0.0%	0.0%	
		Others under 5mm	6 0.0%	0.0%	0.0%	
	Non-	combustible %	4.7%	1.2%	3,1%	
		Metal %	1.9%	0.6%	0.0%	ļ
		Glass %	1.7%	0.6%	2.9%	<u> </u>
	ļ	Ceramic %	1.0%	0.0%	0.0%	
		Sand, stone, soil %	0.0%	0.0%	0.2%	

Data Evaluation of Bait Fajar

(1) Unit Generation Rate in town

	High/Middle Income class	Low Income class	shops & Market	office	Total
Surveyed Unit generation					
Rate					
(kg/capita)	0.74	0.35			
No. of House	65	835			
Population	900	8,100			
Surveyed Unit generation Rate (kg/shop)		·	2.33	0.45	
No. of shop			153	1	
Generated Amount per day (kg)	666	2,835	356	0	3,858
Result: Unit	I Generation F	ate in town (k	g/capita/day)	0.43

(2) Bulk Density of Solid Waste of town

	High/Middle Income class	Low Income class	shops & Market	office	Total
Surveyed Density	0.41	0.23	0.16	0.06	·
Generated Amount per day (ton)	0.666	2.835	0.356	0.00045	3.858
Calculated Amount per day (m3)	1.6	12.3	2.3	0.008	16.3
Result: Bull	Density of So	lid Waste of t	own (t/m3)		0.24

Collected Data Evaluation for High/Middle Income Class Houses IN Bait Fajar

								-		١	-	Ç	Total	Ave /capita Density Vni3	Density Vn3
V. S. S. S. S. S. S. S. S. S. S. S. S. S.		No.	-	2	က	4	2	9	\	~		2 6	0.00	38.1	
	<u> </u>		Ş	200	200	200	400	320	120	120	150	200	4,5,10		***************************************
	_	Floor area mc	20.7			,		2	0	7	7	œ	28	1	
	Date	persons	4	o	7	,									
								0.5	1	S	7.0	11.0	83.50	1.44	9.31
100 4310	1-101	weight (kg)	6.4	3.5	13,2	7.4	22.0	0.0	2.0			20	270	4.7	1
, Sep		(it)	30	15	40	40	- 50 - 20	40	30	2	3	~	2.2		
													S. 10 X X X 10 10 10 10 10 10 10 10 10 10 10 10 10		Ţ
			* 5 G \$ C \$ C \$ C \$ C \$ C \$ C \$ C \$ C \$ C \$			1	6	33	0.6	2.0	14.2	4.0	47.9	0.83	1.02
2nd day	וטר-2	weight (kg)	6.0	2.0	2.2	2.5		1			P	4	47	8.0	1
	A	volume (lit.)	2	2	44	4	0	1	2	,					
			20 20 20 20 20 20					100000000000000000000000000000000000000						3	Sec
			ļ		ç	0.4	40	10	0.0	3.5	00	9.0	35.5	0.61	0.44
3rd day	امال-6 	weight (kg)	0.0	5.0	2			<	(7.	0	25	160	2.8	1
		volvime (lit.)	30	15	15	30	20	2	7	2					
			30 000 x 000 00											and the second s	100
				(0 7	3.1.5	4.5	. 22	0.6	2.5	50	9.5	66.0	1.14	770
4th day	4-Jul	weight (kg)	13.0	0.4	0.7		, , , , , , , , , , , , , , , , , , ,	- 4 4	30	- 61	15	35	247	4.3	1
		volume (lit.)	30	25	28	40	18	1	3						
	Side Control												* 6,	37.0	7.0
			7 7	V.	6.9	40	0.0	3.2	0.0	3.0	11.0	6.8	43.4	C/.5	
5th day	2 2 2 3	weight (Kg)	7.7	F. C.		73	C	06	0	S	20	35	308	5.3	1
		volume (lit.)	40	30	48	22		27	,						
													41.0	0,73	020
			-	5.3	4.5	5.4	.3.1	63	0.0	2.0	0.0	7.0	0.14	7,5	
6th day	3010	•		200	76	30	15	9	¢	15	0	20	213	3,7	ı
		volume (lit.)	747	2		3									
			***								Ş	6	40.4	0.70	0.12
175	7,	waight (kg)	5.8	5.4	6.4	0.9	1.2	5.8	0.0	3.6	2			2 4	
/tn day	3		25	45	55	35	25	30	09	40	0	5	250	25	
	T	Volume (iii	3												000000000000000000000000000000000000000
			99		Ç	6	3.5	3.5	00	5.5	0.0	5.5	25.7	0.44	0.22
8th day	8-Jul		5.5	3.5	2	2				1.5	0	15	115	2.0	ı
•		volume (lit.)	35	15	0	0	15	87		2					
											X				
										***********************	***************************************			***************************************	
		**************************************		***************************************		***************************************			1						
						200000000000000000000000000000000000000									
													384.2	0.83	0.23
Total for		weight (kg)			***************************************		, and a second	********************************		******		1685	3.6	1	
8 days		volume (lit.)											300 7	0.74	0.21
Total for		weight (kg)	<u> </u>				***************************************	***************************************	***************************************	***************************************		******	1 415	3.5	
5		(ii) owner													
last / days		Volume Viing													

Collected Data Evaluation for Low Income Class Houses In Bait Fajar

							- -	- 	-	0	0	9	Total	Ave./capital	Density Ums
		House No.	-	2	က	4	1	1			, < <u>4</u>	30	610	8.4	-
		,	Ç	05	20	120	40	40	40	201	3	3	6.5		
		Floor area m.c.	× × × × × × × × × × × × × × × × × × ×			4.0	4	æ	ß	<u></u>	2	,	5)		
Δ	Date	persons	8	7	R	7,	•								
								8 7	5.5	9	1.5	7.0	47.3	0.65	0.19
1ct day	1-,14	weight (kg)	4.0	2.5	10.0	2.2		1.0		QV	25	20	255	3.5	‡
		volume (lit.)	10	10	40	15	S	27 27	£	2					
								3		,		,	24.2	033	0.24
			0	ç,	3.0	2.0	2.0	6.0	6.0	0.1	1.2	2	£3.5		
2nd day	2-7 2-7	:				×	30	10	2	3	10	19	5	ŧ	
-		volume (lit.)	4	0	?										Section Section (Section)
							3		0.7	ŝ	30	3.0	24.2	0.33	0.14
3rd day	3-14	weight (kg)	0.	0.0	7.0	3.0	20	200	200	- 6	25	15	167	2.3	1
)		10	0	30	30	0	6 2	3	7	3				
		880000000000000000000000000000000000000									36	6	186	0.25	0.23
	/- Ind		0.3	0.0	5.5	1.3	2.5	1.0	3.0	CO	2.5	2.5	Co	1 1	1
4tn day	3	_=	9	0	12	86	10	9	12	4	2	71	3		
		Volume (iii.)	ļ											100	
				,	į	C	00	3.0	2.8	3.4	3.1	6.2	25.7	0.35	7.0
5th day	5-Jan	weight (kg)	3.0	2.1	7.7			26	18	6,	25	30	186	2.5	1
		volume (lit.)	20	25	C.7	0	2	2							
							į,	,	90	36	000	40	308	0.42	0.29
Sth day	6-, [11]	weight (kg)	0.4	1.4	4.2	4.8	4.8	4. I		2	•	18	107	1.5	۱
	•		S	8	25	15	8	5	2	2	,				
						200					3	ç	24.8	034	60'0
	-		4.2	1.8	1.4	3.2	2.4	4.	4	4.0			7.6	Ø c	
/th day	7		60	25	40	14	9	- 15	35	45	0	2	117	2	
		Volume (ML/													3
			Š	,	٥٥	3.5	80	30	2.0	5.2	2.5	3.0	30.8	0.42	62.0
8th day	8-Jul-		0.8	0.1	0.0	2	76	α	9	13	12	0	108	1.5	_
ř			6	4	14	9	*7	,							
													•		
				7.1			100 201 201								
														600	٥٠٠
							11.1			14			220.4	200	9
Total for		weight (Kg)	***************************************		***************************************								1.278	2.2	•
8 days		volume (lit.)											179.1	0.35	0.18
Total for		weight (kg)			***************************************	***************************************			***************************************		***************************************		1,023	2.0	i
last 7 days		volume (fit.)					1							į	

Collected Data Evaluation for Shops & Market IN Bait Fajar

				,	ď	Ψ	5	Market	Total	Total/shop	Density L/m3
		House No.			\ \ \ \		S	ç	226	37.67	
	Œ	Floor area m2	16	40	707	24	200			***************************************	
A to C	_	Dersons			4	2	-	1 stalls			
		(2,1)	2.5	3.6	0.5	9.0	0,3	9.0	9.5	1,58	0.03
1st day 1-) 	WOIE LINE	200	1.50	30	50	20	50	370	61.7	
	>	oluma (III.)	3	23							
	7	(1) 41	00	6.5	0.5	30	0.	1.4	15.4	2.57	0.25
2nd day Z=	Z-2	Weignt (RE/		30		5	10	8	62	10.3	1
	<u> </u>	Voiding (III.)	ļ								
		(24)	0.0	5.0	10	3.0	1.2	1.0	13.2	2.20	0.08
3rd day	m)-1	Weight NE	25	45	20	40	5	20	165	27.5	1
	2	Volume (III.)	~	2					*		
	ા .		,	20	0.5	2.0	0.0	1,5	08	1.33	0.07
4th day 4	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Weignt NK/	200		0	10	0	12	122	20.3	,
		VOIDING (III.)	3	?							
	888	(-7)	. 00	8.8	10	2.0	0.8	1.2	11.8	1.97	0.07
oth day	inore:	Weight (AK)		O8	45	30	2	20	180	30.0	1
	1	Voluntia (iii)		3	2				*		
	3		9 7	10.8	0.5	2.0	8	1.6	19.5	3.25	0.08
oth day o-		Weight (AK)	75	130	4	18	0	22	249	41.5	1
		Volume		2					***************************************		
	() 		26	7.0	-2	22	2.2	2	13.3	2.22	0.07
/th day	₹ 7 /	Weignt (Kg/	25.0	85	06	25	25	15	185	30.8	1
		Voiding (III.)		3							
	Ø	1.4 (1.4)	5.0	5.5	1.5	10	3.0	8.0	16.8	2.80	0.09
8th day 6		Working Ark	Ž.Č	80	12	-13	28	13	191	31.8	1
		Volutifie (III.)	2								
		***************************************	*************************				***************************************		***************************************		
	**************************************								107.5	2.24	0.07
Total for	- 1	Weignt (Kg)		***************************************			***************************************		1.524	31.8	_
8 days	+	Volume (III.)							98.0	2.33	80.0
Total for		weight (kg)			, 000,		***************************************		1.154	27.5	-
last 7 days	_	volume (III./									

Collected Data Evaluation for Office & Street In Bait Fajar

			Office	***		Street
		Floor area m2	82		Length km	0.5
			,		Width m	_
	Date	persons	,			
			4-0000	24924		Ţ
100	30- Hin	weight (kg)	7.5		weight (kg)	35
י פר מבא	3	Volume (lit)	30		volume (lit.)	90
		(2.4)	2,00		weight (kg)	4.8
2nd day	3 	WORKITE INK			الله مالية)	95
		Volume (III.)	7			
				×		
250	141-6	weight (kg)	0		weight (kg)	20
		<u>. </u>	0	800 W	volume (lit.)	8
				80.00		
446	4-1 -6	woight (kg)	-	200	weight (kg)	5.0
4th day	5	emilion.	18		volume (lit.)	40
-	1 - V	(P.4)	c		weight (kg)	6.4
Oth day	3	Ŀ	0		volume (lit.)	80
-	5- 1.1	into (kg)	0		weight (kg)	2.5
Are use	3	1.	0		volume (lit.)	30

	- 1 - 2	7.	-		weight (kg)	4.2
/ day	5	1900	25		volume (fit.)	70
-	7-1.1	inh+ (kg)	60		weight (kg)	8
oth day			92		volume (lit.)	55
					10 To 10 To	
Total for		weight (kg)	4.7		weight (kg)	42.1
S days		volume (lit.)	83		volume (lit.)	445
		ke/office/dey	0.58		kg/km/day	16.84
;		Density	005		Density	800
1 60 T		weight (kg)	3.2		weight (kg)	386
1 ocal 101		volume (lit.)	57		volume (lit.)	385
A Dept	• 	kr/office/day			kg/km/day	19.30
		Doneity t/mJ	L		Doneity t/m3	9
				ĺ	İ	

Evaluated Waste Composition & Bulk Density Bait Fajar (July 2)

	lte	ms	High/Middle	Low	Shops & Market	Office
Bulk Density						
		weight kg	47.9	24.2	15.4	0.25
		volume (it.	90	101	62	4
		density ton/m3	0.53	0.24	0.25	0.06
Composition	Comb	ustible %	98.5%	93.8%	79.2%	100.0%
		Paper %	6.1%	8.3%	46.8%	100.0%
		Textile %	0.0%	3.3%	0.0%	0.0%
		Plastic %	5.8%	36.0%	31.2%	0.0%
		Rubber %	0.0%	1.2%	0.0%	0.0%
		Learther %	0.0%	0.0%	0.0%	0.0%
		Grass & wood %	0.0%	0.2%	0.6%	0.0%
		Kitchen Waste %	86,6%	44.6%	0.6%	0.0%
		Others over 5mm %	0.0%	0.2%	0.0%	0.0%
		Others under 5mm	0.0%	0.0%	0.0%	0.0%
·						
	Non-	combustible %	1.5%	6.2%	24.0%	0.0%
		Metal %	0.4%	5.4%	1.9%	0.0%
		Glass %	1.0%	0.0%	22.1%	0.0%
		Ceramic %	0.0%	0.0%	0.0%	0.0%
		Sand, stone, soil %	0.0%	0.8%	0.0%	0.0%

Evaluated Waste Composition & Bulk Density Bait Fajar (July 6)

	[tems	1	ligh/Middle	Low	Shops & Market	
Bulk Density						
	weight k	g	43.8	28.8	25.2	
	volume		155	130	450	
	density	ton/m3	0.28	0.22	0.06	
Composition	Combustible	x	98.9%	98.1%	85.5%	
	Paper %		1.6%	6.9%	78.0%	
	Textile		0.9%	6,6%	0.0%	
	Plastic		2,3%	1.7%	7.1%	
	Rubber	*	0.0%	0.0%	0.0%	
	Learthe		0.0%	0.0%	0.0%	
	Grass 8	k wood %	0.0%_	0.9%	0.0%	
	Kitcher	n Waste %	94.1%	81.9%	0.0%	
	Others	over 5mm %	0.0%	0.0%	0.4%	
	Others	under 5mm %	0.0%	0.0%	0.0%	
	Non-combust	ible %	1.1%	1.9%	14.5%	
	Metal 9		0.9%	0.0%	0.6%	
	Glass	Ye	0.2%	1.9%	13.9%	
	Ceram		0.0%	0.0%	0.0%	<u> </u>
		stone, soil %	0.0%	0.0%	0.0%	

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