ANNEXES

QUESTIONNAIRE

Japan International Cooperation Agency (JICA)
National Institute of Development (INADE) Government of Perú

HEARING SURVEY QUESTIONNAIRE

FOR THE STUDY ON THE INTEGRATED WATER POLLUTION CONTROL FOR PUNO INTERIOR BAY OF LAKE TITICACA

(This questionnaire will be used only for the study & purpose)

(A)	Inte	erviewee's profile		
1.	Nar	ne: 2. Sex:	3. Age:	Interviewee No.: Block: 000000000000000000000000000000000000
4.	if "n Wi			Address:/1998 Interviewer:/1998
(B)	Dw 1.	relling condition (This part should be Type of the house permanent, semi-perm		
	2.	Housing category residence, restaurant	shop, otl	hers:
	3.	Distance from the house to a road of in front of the premises, less t		n-49m, 50m or more
	4.	Distance from the house to a commin front of the premises, less there is no communal container or	han 10m, 10m-29m, 30n	ge point: n-49m, 50m or more
(C)	Ge 1.	neral Issues on Interviewee How long has your family lived in thyears	ils house?	
	2.	How had your family obtained this I self built; inherited;	nouse? purchased; rented;	others
	3.	How many member is your family? person(s)		
	4.	What is the household head's occupublic servant, unemployed,	employee of private company,	owner of company, shop, etc., others
	5.	What is your family's monthly exuilities, etc.)? less thanS/monthS/month	kpenses (for food, transport,S/monthS/month	schooling, accommodation, medical,S/month more thanS/month
(D) 1.	Do	vironmental and sanitary issues you think the area around your resid	lent is clean?	

2.	Do you think that the Puno Bay's water quality became polluted and worsen than before? yes, no
3.	What do you think is the main cause of the degradation of Puno Bay's water quality? waste water discharged from households, solid wates discharged from hotels, restaurants, etc.; solid wates discharged from hotels, restaurants, etc.; others; don't know
4.	Does the polluted water of Puno Bay cause you any incovenience or discomfort? yes no
5.	Do you know which government agencies are responsible for wastewater control?:
	yes → How do you rate the performance of these agencies? good; poor; don't know
6.	What problems do you consider will occur if the lack of wastewater control is allowed to continue?: increased water pollution increased health risk and medical costs loss the sources of income due to the decrease of tourists visiting Puno City don't know others (specify:)
(E)	Issues on waste water
	How do you dispose of your wash water and kitchen water? onto ground; on into drain; into ditch; onto garden; into septic tank; into soak pit; others (specify:)
	2. What is the type of your toilet? Individual toilet with pour flushig; individual toilet with western flushing; public toilet; neighbor's toilet others pass the following questions and go to Part (F)
	3. How do you dispose of your toilet wastewater? onto ground; into drain; into ditch; into septic tank; into soak pit; others: (specify:);
	4. What is the type of your on-site sewage facility? leaching pit; septic tank with leaching; directly flow to ditch; septic tank without leaching (effluent flows directly to ditch); others
	5. When did you construct these on-site sewage facility? one year ago; two years ago; three years ago; four years ago; more than five year ago
	6. What is the condition of your on-site sewage facilities? very good; causing bad odor; sometimes clogging; bad condition
	7. Are you satisfied with the present condition of your on-site sewage facilities? yes; no; dont' know

0

	8.	if you are dissatisfied with the present condition of your on-site sewage facilities, what improvements are you planning?
		none, do not know what else can be done;
		wait for the newly installed wastewater collection system;
		Install the new on-site facilities;
		other (specify:)
(F)	lss	ues on solid waste
	P	Are you concerned with the garbage which is dumped in the public areas around your resident? yes; no; don't know
	2.	If you are concerned, why? (select the most concerned issues)
		because it causes disease; because it's not good for the community's scenery; because it promotes flies; because it causes bad odors;
	٠	because it causes the degradation of Puno Bay's water quality; others (specify)
	3.	Are you concerned with the garbage (solid wastes) generated within your resident? yes; no; no idea
	4.	Have you ever had any guidance on the proper methods of dispose your wastes? yes; no;
	5.	What do you do with the garbage after cleaning your house? bury/burn it at my backyard;
		discharge it at specific place for the regular collection service; hand it over to the waste collector;
		discard it at the edge of the road; discard it in the ditch; discard it in the ravine;
	6.	Do you know how the wastes discharged from your house is collected? yes; no; don't know
:		
		7. How is the wastes collected as you know? door-to-door collection by using vehicles or carts;
		residents carry the wastes to a collection point by themselves; others (specify:)
	8.	Usually who is the person in charge of disposing the garbage in your family? household head; hosewife, children, housekeeper (servant); others ()
	9.	Do you believe that your present manner of garbage discarding is correct? yes; no; don't know
	10.	Do you know which authority is responsible for the disposal of solid wastes discharged by residents in your community?
		state; municipality; residets themselves; state sanitation company; private contractor; others ();
		don't know

)

)

11. Do y yes		s for the collection ay any fee.	and disposal	of your garbage?			
	less that	h do you pay for th nS/month S/month	*******			-	. •
	pay dire pay thro	ethod do you use to ctly to the collectio yugh the collector specify:	n company; determined by	the community;		raparenta <mark>a</mark> (1) Inganiran Inganiran Inganiran	:- -
14. How do y expensi		ne present fee for t bit expensive;	he collection of appropriate;	, -	rtown?	eunospiko (j. 1925) Kungospiko (j. 1925) Renda	
15. Are you s yes;		current garbage co t know	ollection servi		t ogta ekknylte. Og 200 fra Movgets og 200	ng ka din Pangangan	
frequen collection collection	cy of collection s	s? <i>(Several answ</i> ervice is low; urly or late; air;	collection tin behavior of v collection fee	o le irrogular			
improve t	the sanitary cond yes; don' 18. What are commur commur there is others (s	the reasons? nal containers are f nal containers are r not custom to disp	esident, do yo ar; not hygienic; ose wastes in	u agree? such manner;	application of the set		to
(G) Issues o	on the willingnes	ss to pay and coo family sweep the r yes, sometime	oad shoulder	or adjacent public don't know			
	s anyone in your , everyday;	family clean the dr yes, sometime		ur house? don't know			
clear yes,	nsing of roads, pa , there is; ▶ 4. Do you us yes;	Day" in your com arks, community co sually participate in no	enters, etc.?		e requested to	participate in t	he
→	there is not; 5. Do you th yes;	ink such "Clean Da no; no idea		organized in your	community?		

6. Do you think the residents should cooperate with the municipal authorities in order to improve the Puno City's environment.

yes; no; no idea

7. It is suggested that the residents should par for the operation cost of wastewater facilities. Do you agree with this suggestion?

yes; no; don't know

8. If you are requested to contribute to the operation of the wastewater facilities by paying some kinds of fee, would you be willing to pay?

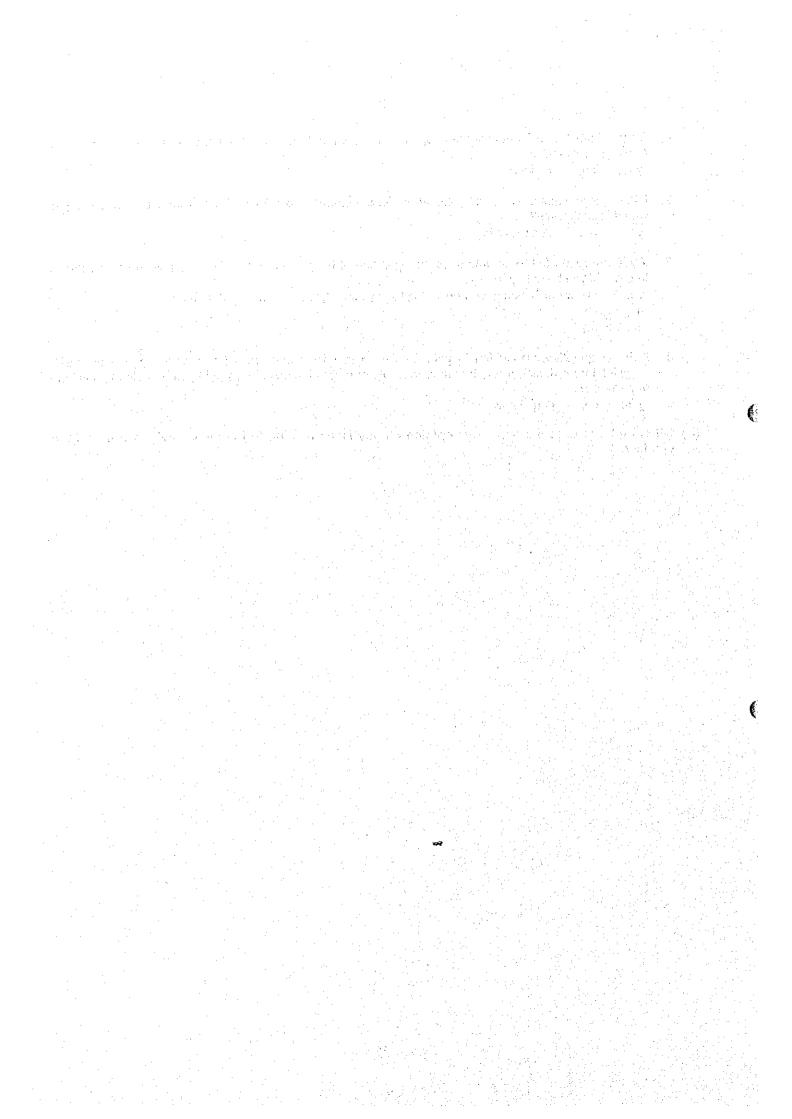
don't know

)

9. If the cooperative association in your area were to raise some funds (in order to engage beneficial activities for residents), through sale of reusable or recyclable materials, would you be able to contribute or participe?

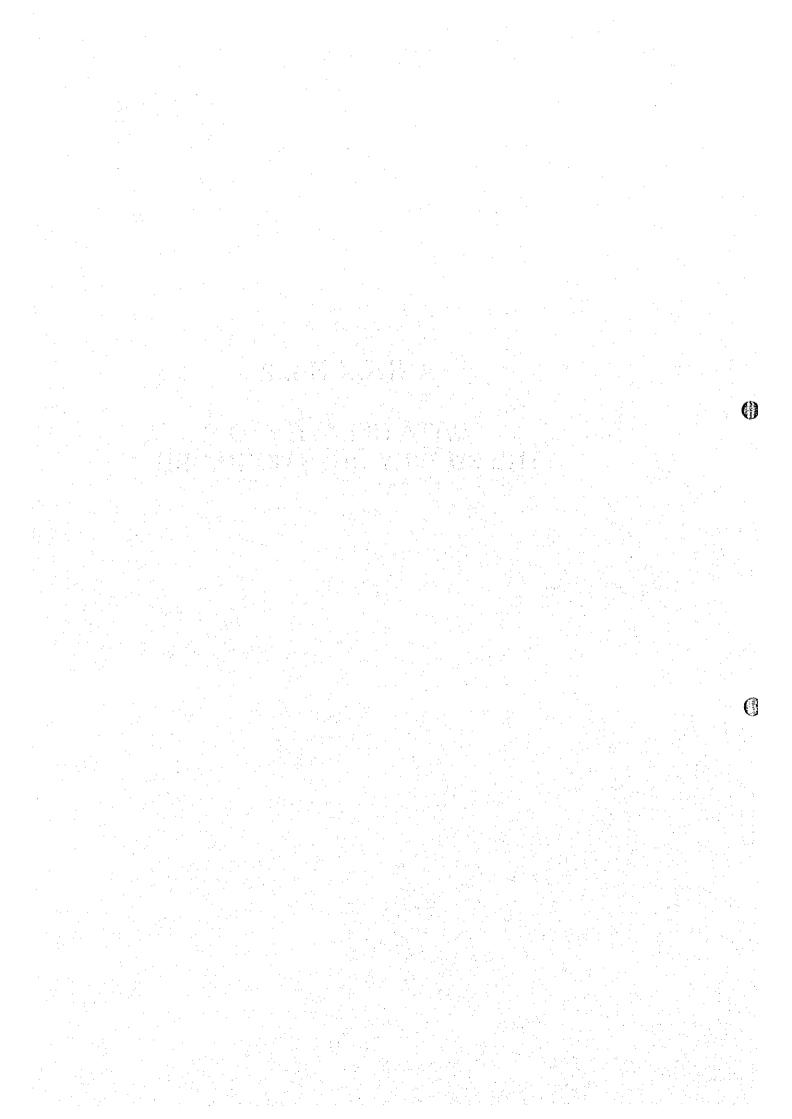
yes; no; don't know

(H) Others (please describe here your opinion on any Issue relating to the Puno Bay's environment, if you have.)



DATA RELATED TO THE SURVEY QUESTIONNAIRE

()



DATA RELATED TO THE SURVEY QUESTIONNAIRE

Concern with the garbage disposed (public areas)

	ANSWERS								
ZONES	YES	NO	DON'T KNOW						
A -1	45	5	3						
A -2	55	3	1						
B -1	51	3	2						
B -2	52	0	4						
C -1	50	4	2						
C -2	56 .	0	0						
D -1	49	3	2						
D -2	43	4	4						
TOTAL	401	22	18						

Concern with the ga	Concern with the garbage								
disposed (Public are	%								
YES	401	90.9							
NO	22	5.0							
Dont'Know	18	4.1							
Interviewe number									

DO YOU KNOW METHODS OF SOLID WASTE COLLECTION

ZONAS	YES	NO	DON'T KNOW
A1	23	23	7
A2	20	29	10
B1	31	22	3
B2	21	25	10
C1	23	25	8
C2	21	30	5
D1	18	25	11
D2	16	19	16
ANSWERS	173	198	70
%	39	45	16

A) DATA RELATED TO GENERATED OF WASTE B) DATA RELATED TO GENERATION PER CAPITA

WEIGHT OF WASTE COLLECTION CLASSIFIED BY ZONES

DATA RELATED TO GENERATED OF WASTE BY COMMERCIAL SECTOR

Weight of waste collection depured

Zone: A-1 JIRON LIMA

机合物 经收益不同的

	Number of samples	Number of interview	Number of workers					Waste Generated by day (Kg/day)
-	er er	r of	er Of	· · · ·	Weight of	waste(Kg)		\(\frac{1}{2}\) \(\frac{1}2\) \(\frac{1}{2}\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac^
	<u>چ</u>		wo					crat
ı	15		rker	A Carlotte and the				3 °
ŀ	8		· · ·	6/12	7/12	8/12	9/12	
╁	1	3	6	0/12	0.55	0.40	0.20	
ŀ	2	4	6		0.33	0.10	3.25	
H	3	5	1	1.75	1.40	0.25	0.40	1
ŀ	4	6	2		0.15	1.25	0.25	
┢	5	8	3		3.50	0.30	0.70	tanga 🕶
<u> </u>	6	10	2		1.70	0.10	0.20	
. F	7	12	2		0.30	0.20	0.25	
r	8	14	<u>-</u>				1.25	
ŀ	9	18	1		0.40	0.15	2.50	
T	10	19	. 3	W	0.05	0.10	0.10	•
r	11	20	1		1.90	0.40	0.10	
1	12	21	2		0.90	0.30	0.20	
ŀ	13	22	5		0.30		0.80	
-	14	23	2		2.40		0.85	
.	15	24	i			1.90	1.40	
1	16	29	2		0,80		2.00	
. [17	31	3		0.35	2.55	1.10	
Ī	18	32	- 5		la see ja		0.15	1
	19	34	2		0.20		0.10	
	20	36	2		0.05		0.05	
T	21	37	2	nd need for	2.35	1.00	0.90	
Γ	22	38	5				3.80	
	23	40	1				0.80	
	24	42	2			0.35	1.75	
Γ	- 25	43	1	6			1.00	1
• [26	45	- 3				3.80	
.[27	46	5		7.10	0.60	1.70	
ſ	28	49	2	1 1 1 N	1.25	0.60	0.55	
	29	50	2				2.80	
	30	51	1		0.80	0.20	0.30	
	31	53	2		2.30		0.80	***
ſ	1.7 S	Total	80		28,75	10.65	34.05	24.48

Weight of waste collection depured

Zone: A-2 MERCADO CENTRAL

Num	Number o	Number of workers					Waste Gener day (Kg/day)
Number of samples	Number of interview	f workers		Weight of	waste(Kg)		Waste Generated by day (Kg/day)
	 	7, 11	6/12	7/12	8/12	9/12	
1	2	1	1.40	0.40	1.70	7/12	
2	3	2	2.75	1,30	4.80		
3	6	1	2.13	0.10	0.25	0.20	
4	10		2.05	2.50	0.25	0.10	4 12 2
5	12	1	1.10	3.55	2,50	0.10	ing same and a second s
6	19	4	1.10	5.40	2.10	8.15	
7	20	2	5 47-11	6.50	2.10	3.00	
8	21	ī	1.70	0.50	0.20	0.10	
9	22	1	1.80	1.10	0.10	0.45	
10	23	1	0.35	0.35	0.15	00	
11	25	2	6.00	1.20	3.20	1.00	
12	26	2	2.95	2.90	1.90	2.40	
13	27	1	4 4 4	4.80		0.05	
14	28	1	2.40	1.80	0.45		
15	30	1	A 27 A 3.5			4,40	
16	31	1	3.25	0.80	1.15	2.35	
17	32	2		1.11	2.50	2.30	12,463
18	33	2				1.70	
19	34	1	2.90	0.40	0.30	0.20	
20	35	1	0.40	1.80	0.10	0.05	il Maria
21	36	2	1.80	1.15	1.50	0.95	
22	37	1	0.25	0.95	0.30	1,3441,37	
23	:40	2	2014	0.25	1,00	0.45	
24	-19	1		0.15	140	2,50	
25	51	l	2.30	3,25	2.90		
26	54	2	0.95		0.60	25.30	
27	55	1	5.00	4.00	1.55		
	Total	39	39.35	44.65	26.05	55.65	42.12

Zone: B-1

ſ	Record No	Number family		waste(Kg)	₹			rated wa		Average per	
ı	Ö			. č	8			(Kg./pei	capita		
١	Z	r or		, X	Weight of	15					(Kg/person/day)
		ř									
ł			6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	
Ì	1	4		0.25	4.85	3.20	0.00	0.06	1.21	0.80	0.52
Ì	3	4	3 4	0.40	1.55	0.30	0.00	0.10	0.39	0.08	0.14
Ì	4	6	2.90	2.65	1.00	3.60	0.24	0.44	0.17	0.60	0.36
Ì	6	2	0.10	1.45	1.60		0.03	0.73	0.80	0,00	0.39
Ì	7	3	3.35		3.95	2.20	0.56	0.00	1.32	0.73	0.65
I	8	. 5	1.50	0.50	0.75	0.90	0.15	0.10	0.15	0.18	0.15
I	9	5	0.90	0.55	3.90	2.10	0.09	0.11	0.78	0.42	0.35
1	10	2	1.50	0.90	1.20	2.00	0.38	0.45	0.60	1.00	0.61
[11	6	1.80	24,4	2.80	0.30	0.15	0.00	0.47	0.05	0.17
[12	3	. 4	1.40	0.80	0.45	0.00	0.47	0.27	0.15	. 0.22
ĺ	13	6	0.35	0.30	0.45	0.30	0.03	0.05	0.08	0.05	0.05
Į	14	4	1.00	0.70	0.35	1.90	0.13	0.18	0.09	0.48	0.22
	15	- 4	1.00	2.10	1.10	0.60	0.13	0.53	0.28	0.15	0.27
l	17	4	18.8	4	1.45	1.10	0.00	0.00	0.36	0.28	0.16
Į	18	. 4	1.20	÷	3.90	1.60	0.15	0.00	0.98	0.40	0.38
	19	4	1.10	0.30	1.25	0.75	0.14	0.08	0.31	0.19	0.18
l	20	4	1.00	1.80	0.65	0.30	0.13	0.45	0.16	0.08	0.20
I	22	3	1	3.90	1.40	0.60	0.00	1.30	0.47	0.20	0.49
l	24	6	3.10	1.10	1.80	1.85	0.26	0.18	0.30	0.31	0.26
	27	3	4.00	1.35	0.25	1.35	0.67	0.45	0.08	0.45	0.41
l	- 28	3	1.70	0.45	0.30	1, 1, 2, 1	0.28	0.15	0.10	0.00	0.13
l	32	4	1.80	3.80	0.65	0.50	0.23	0.95	0.16	0.13	0.37
ı	- 35	5	1 361	1.00	1.70	2.40	0.00	0.20	0.34	0.48	0.26
ŀ	36	4	5.80	1.70		1.60	0.73	0.43	0.00	0.40	0.39
Į	37	4	0.30	Tail.	1.80	0.50	0.04	0.00	0.45	0.13	0.15
L	39	4	2.90	1.30	1.25		0.36	0.33	0.31	0.00	0.25
Į	40	3	0.90	0.75	0.60	10.00	0.15	0.25	0.20	0.00	0.15
Į	43	6	2.40	1.90	2.10	2.50	0.20	0.32	0.35	0.42	0.32
L	44	3	1.00	3.25	0.50	1.10	0.17	1.08	0.17	0.37	0.45
	45	6	2.00	0.70	9.5	3.50	0.17	0.12	0.00	0.58	0.22
	46	3	0.90		2.30	1.60	0.15	0.00	0.77	0.53	0.36
	48	3	2.10	2.80	0.45	1.50	0.35	0.93	0.15	0.50	0.48
	49	5	1.55	n ik	2.20	0.55	0.16	0.00	0.44	0.11	0.18
	50	4	7.10	1.00	1.80		0.89	0.25	0.45	0.00	0.40
	52	5	1.30	0.65	0.40	2.50	0.13	0.13	0.08	0.50	0.21
	53	5	2.60	- 1 A	0.50	0.25	0.26	0.00	0.10	0.05	0.10
ſ	54	3	2.30	1 1	0.45	0.90	0.38	0.00	0.15	0.30	0.21
Ì	55	4	2.30	0.35	0.70	0.40	0.29	0.09	0.18	0.10	0.16
Ì	56	4	1.90	3,60	10 15	2.10	0.24	0.90	0.00	0.53	0.42
•	1.5				(i - 1)	4, 11					0.30

Zone: B-2

- 1 :	ري ا حي	1 7 4	1.1	8	হ		Gene	rated wa	Average per		
	ğ	Number family			<u>@</u> .			(Kg./per	capita		
L	Record No.	મ મા		waste(Kg)	Weight of			(- 3.1	(Kg/person/day)		
1	ē	의		· 66	ይ	1 1 1					
l	3 A		** v .	1174.1			3.3				
Ī			6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	
ſ	2	3	100	3.30	1 11	0.60	0.00	1.10	0.00	0.20	0.33
	3	5	;	2.30	1.15	0.35	0.00	0.46	0.23	0.07	0.19
	4	8		1.25	0.90	1.80	0.00	0.16	0.11	0.23	0.12
	5	5	1.90	0.35	0.80	7	0.19	0.07	0.16	0.00	0.11
	6	9	5.50	2.45	0.30	6.15	0.31	0.27	0.03	0.68	0.32
	7_	. 8	4.00	0.90	25.80	8.40	0.25	0.11	3.23	1.05	1,16
	8	6	3.15	1.34	1.70	2.75	0.26	0.00	0.28	0.46	0.25
	9	6	3.40	1.00	2.70	0.60	0.28	0.17	0.45	0.10	0.25
L	11	4	4.20	0.45	1.85		0.53	0.11	0.46	0.00	0.28
L	12	- 5	4.20	2.20	1.55	0.65	0.42	0.44	0.31	0.13	0.33
	-15	4	1.00	4.80	0.15	4 4 1	0.13	1.20	0.04	0.00	0.34
Į	17	7	1.20	1.20	0.50	3.00	0.09	0.17	0.07	0.43	0.19
L	18	5	2.45	7.70	1.50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.25	1.54	0.30	0.00	0.52
Į	20	13	0.90	1.45	2.40	0.40	0.03	0.11	0.18	0.03	0.09
ļ	25	9	3.15	0.80	0.40	0.40	0.18	0.09	0.04	0.04	0.09
Ţ	26	3		2,80		0.35	0.00	0.93	0.00	0.12	0.26
ļ	27	3		0.90	5.25	1.60	0.00	0.30	1.75	0.53	0,65
	30	12	0.40	3.50	0.30	-	0.02	0.29	0.03	0.00	0.08
l	31	5	0.45	1.15	0.60	2.10	0.05	0.23	0.12	0.42	0.20
ļ	32	6		4.10	1.80	3.60	0.00	0.68	0.30	0.60	0.40
ļ	33	5	3.00	2.45		1.25	0.30	0.49	0.00	0.25	0.26
١	34	3		5.70	5.80	4.40	0.00	1.90	1.93	1.47	1.33
	35	7	2.75		3.30	3.75	0.20	0.00	0.47	0.54	0.30
ļ	37	2	2.65	5.35	1.90	3.00	0.66	2.68	0.95	1.50	1.45
ļ	39	5		1.00	3.95	8.00	0.00	0.20	0.79	1.60	0.65
ļ	40	5	3.50	2.00	4.10	2.65	0.35	0.40	0.82	0.53	0.53
ļ	41	5	1.25	0.40	1.20	0.90	0.13	0.08	0.24	0.18	
ļ	43	6	1.80	1.45	0.60		0.15	0.24	0.10	0.00	0.12
ļ	44	8	3.30	2.10	0.30	3.45	0.21	0.26	0.04	0.43	0.23
ļ	45	5	2.15	3.10	1.90		0.22	0.62		0.00	
ļ	_47_	2	4	6.90	0.70	1.80	0.00	3,45		0.90	
ļ	48	5	3.40	3.20	9.40	1.30	0.34	0.64	1.88	0.26	
١	49	8		2.20	3.50	1.40	0.00	0.28	0.44	0.18	·····
ļ	51	5	1.00	0.80	0.30	0.40	0.10	0.16		0.08	
1	53	12	6.50	2.20	3.80	5.65	0.27	0.18	0.32	0.47	
ļ	54	9	0.25		0.70	0.40	0.01	0.00	: 0.08	0.04	
Ţ	55	5	0.50	1.20	100	2.20	0.05	0.24	0.00	0.44	
Į	56	4	0.40	1.10		3.55	0.05	0.28	0.00	0.89	
											0.39

DATA RELATED TO GENERATION PER CAPITA

Weight of waste collection depurade by zones

Zone: C-1

TANCOUNT TANC	D N	Number of family		waste(Kg)	Weight of			rated wa (Kg./per	Average per capita (Kg/person/day)		
			2		1				1		
▐▔		<u> </u>	6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	
	1	6		Jaga .	2.30	1.55	0.00	0.00	0.38	0.26	0.16
	2	4		1.90	0.60	0.65	0.00	0.48	0.15	0.16	0.20
	: 4	3	1.00	1.60		0.30	0.17	0.53	0.00	0.10	0.20
	8	5	3.30	1.50	0.75	1.00	0.33	0.30	0.15	0.20	0.25
F	9	4	1.80	12 B F	0.85	1.20	0.23	0.00	0.21	0.30	0.18
	10	5	2.25	4.1	1.20	2.10	0.23	0.00	0.24	0.42	0.22
	12	3	0.70		1.70	1.00	0.12	0.00	0.57	0.33	0.25
	13	8	2,00	2.00	0.80		0.13	0.25	0.10	0.00	0.12
	14	4	1.60	e i Par	1.00	1.20	0.20	0,00	0.25	0.30	0.19
Γ	15	5	0.55	4.45	0.50	0.50	0.06	0.89	0.10	0.10	0.29
	17	- 5	0,10	0.10	1.80	0.10	0.01	0.02	0.36	0.02	0.10
1	18	6	0.90	2.80	1.20	1.	0.08	0.47	0.20	0.00	0.19
Г	21	3	1		1.20	1.50	0.00	0.00	0.40	0.50	0.23
,	22	7	1.1	1.50	0.40	1.25	0.00	0.21	0.06	0.18	0.11
F	23	4	1.10	Fire	0.40	1.30	0.14	0.00	0.10	0.33	0.14
Г	24	4	0.75	5.50	2.50	0.50	0.09	1.38	0.63	0.13	0.55
- 4	26	6	5.12	0.35	0.40	1.75	0.00	0.06	0.07	0.29	0.10
	27	4	1.50	1.10	1.60	0.50	0.19	0.28	0.40	0.13	0.25
	30	3	111	1.05	0.50	0.85	0.00	0.35	0.17	0.28	0.20
1	31	3	2.70	1.00	0.70	1.70	0.45	0.33	0.23	0.57	0.40
· [33	4		0.25	1.20	1.00	0.00	0.06	0.30	0.25	0.15
	35	- 5	0.55	0.45	0.40	0.25	0.06	0.09	0.08	0.05	0.07
Γ	36	3	0.65	3.15	0.60	1.90	0.11	1.05	0.20	0.63	0.50
. [~	37	5	1.00		1.60	0.70	0.10	0.00	0.32	0.14	0.14
	38	3	1.00		1.30	2.45	0.17	0.00	0.43	0.82	0.35
٦ :	39	4	0.40	0.80	0.50		0.05	0,20	0.13	0.00	0.09
F	40	5	1/3	1.50	0.80	0.40	0.00	0.30	0.16	0.08	0.14
Γ	41	6	1.60	0.55	0.90	1.30	0.13	0.09	0.15	0.22	0.15
1	47	3	1 (5.1	1.35	0.90	0.70	0.00	0.45	0.30	0.23	0.25
	48	4		0.35	0.40	2.50	0.00	0.09	0.10	0.63	0.20
	·50	5	2,55	0.95	2.00	2.70	0.26	0.19	0.40	0.54	0.35
T	51	5	2.50	0.40	0.50	0.50	0.25	0.08	0.10	0.10	0.13
-	56	5	1.40	0.80	0.90	1.25	0.14	0.16	0.18	0.25	0.18
-	1 (5)	Al v					i di Per				0.22

The quantity of waste in the first day, it corresponds to the generation in two days. It is necessary to divide between two for obtain the generation per capita daily.

Zone C-2

B	B & Z		4	<		Gene	rated w	aste per	ranita	Average per
Record No.	Number family member	j	waste(Kg)	Weight of				rson/day		capita
ā.	F 2 8		ို့	Ĕ			(IXBAPC)	1301104)	'	(Kg/person/day)
S.	, 0		99	유						(11g/percon/du//
					·			1:-		
		6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	
1	6	7. 1. 11	1.50	0.50	0.30	0.00	0.25	0.08	0.05	0.10
2	5	1.00	1.00	0.40	1 11	0.10	0.20	0.08	0.00	0.10
4	6	1.10	0.50	0.60	0.35	0.09	0.08	0.10	0.06	0.08
5	5	0.30	1.10	1.15	1.50	0.03	0.22	0.23	0.30	0.20
6	6	0.30	1.80	1.10	2.50	0.03	0.30	0.18	0.42	0.23
7	12	1.70	0.40	1.40		0.07	0.03	0.12	0.00	0.06
9	7	4.10	4.25	3.60	\$	0.29	0.61	0.51	0.00	0.35
10	6	1.90	2.20	0.10	3 1 1 2	0.16	0.37	0.02	0.00	0.14
11	6	0.30	2.50	0.20	3.70	0.03	0.42	0.03	0.62	0.27
15	5	4.7.34	1.20		2.70	0.00	0.24	0.00	0.54	0.20
16	5	1.30	2.75	1.65		0.13	0.55	0.33	0.00	0.25
18	6	0.50	1.70		0.40	0.04	0.28	0.00	0.07	0.10
19	6	0.80	4.00	1.10	0.90	0.07	0.67	0.18	0.15	0.27
20	6	5.10	1.90	2.85	0.75	0.43	0.32	0.48	0.13	0.34
21	5	1.00	1.50	0.50	0.60	0.10	0.30	0.10	0.12	0.16
23	6	1.80	0.50	0.95	1.25	0.15	0.08	0.16	0.21	0.15
24	7	0.80	1.50	2.65	0.00	0.06	0.21	0.38	0.00	0.16
25	6	1.10	2.40	3.00	0.80	0.09	0.40	0.50	0.13	0.28
26	10	3.15	2.55	2.50	1.10	0.16	0.26	0.25	0.11	0.19
27	5	1.10	2.00	2.00	0.50	0.11	0.40	0.40	0.00 2.43	0.23 0.75
30	5	3.80	0.40	1.90	9.70 1.10	0.00	0.10	0.48 0.04	0.22	0.73
31	8	3.20	3.00	0.20 5.90	2.30	0.20	0.10	0.74	0.22	0.40
32	3	3,20	3.00	1.25	3.60	0.20	1.00	0.42	1.20	0.40
33	9	1.80	0.55	1.50	0.45	0.10	0.06	0.42	0.05	0.09
36	9	4.70	2.50	1.45	5.70	0.16	0.08	0.16	0.63	0.33
37	5	1.70	0.50	3.00	3.10	0.00	0.10	0.60	0.62	0.33
39	4	0.25	0.30	0.30	3,10	0.03	0.08	0.08	0.00	0.05
40	5	1.80	0.90	1.25	1.70	0.18	0.18	0.25	0.34	0.24
41	6	0.75	0.80	0.40	1.90	0.06	0.13	0.07	0.32	0.14
42	5	2.75	1.50	2.10	1.60	0.28	0.30		0.32	0.33
46	12	4.70	2.00	5.10	5.50	0.20	0.17	0.43	0.46	0.31
47	6	3.60	3.20	0.30	0.60	0.30	0.53	0.05	0.10	0.25
48	3	1.60	1.20	0.40	0.85	0.27	0.40	0.13	0.28	0.27
49	5	0.20	0.75	1.00	7.50	0.02	0.15	0.20	1.50	0.47
50	4	1.20	1.20		1.00	0.15	0.30		0.25	0.18
52	3	2.80	1.30	1.30		0.47	0.43	0.43	0.00	0.33
55	5	0.85	0.80		2.40	0.09	0.16		0.48	0.18
·	·			<u> </u>		لــــــا		F		0.25
	1 To 1	100	1.14			100				

Zone: D-1

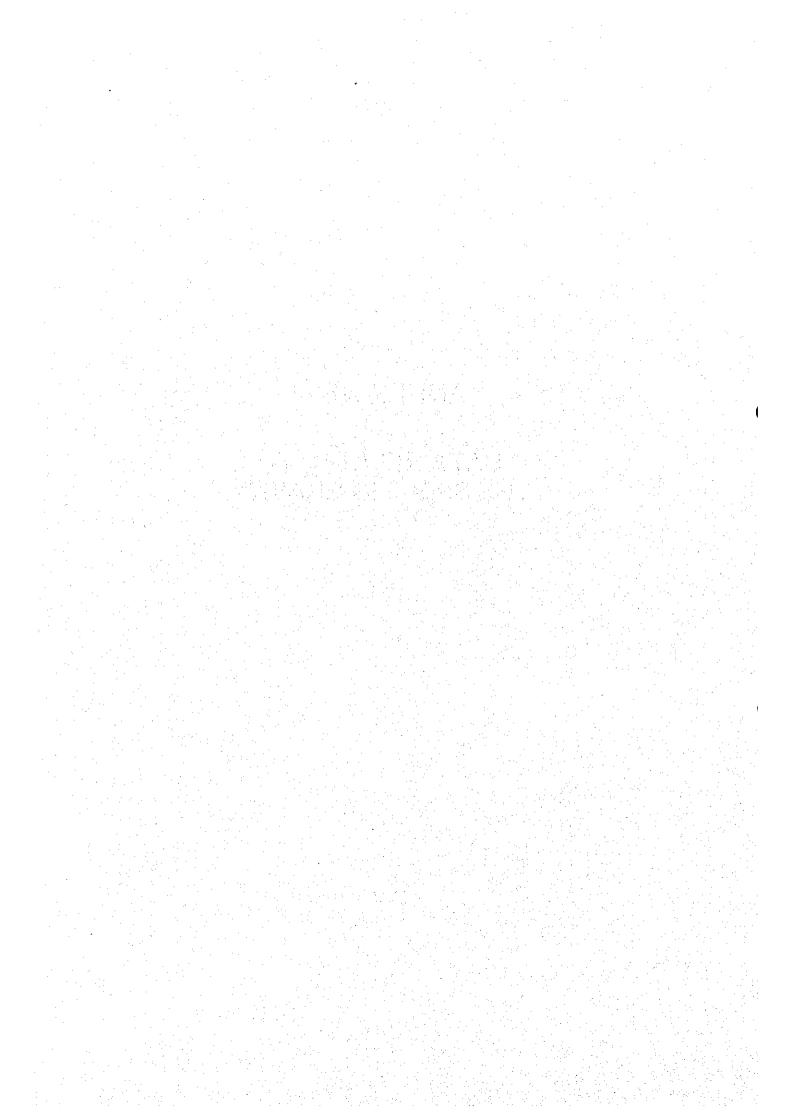
Record No.	Number of family		wastc(Kg)	Weight of		Gene		aste per rson/day		Average per capita
z	1 0		, Z	2			* 7 m			(Kg/person/day)
اه (ř				٠					
		6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	
1	4	3.50	77.22	4.00	1.30	0.44	0.00	1.00	0.33	0.44
2	.5	5.50	4.80			0.55	0.96	0.00	0.00	0.38
3	6	0.90	1.10	0.85	2.65	0.08	0.18	0.14	0.44	0.21
4	2	1.60	3.10	0.90	0.80	0.40	1.55	0.45	0.40	0.70
5	. 5	3.30	0.50	5.20	0.70	0.33	0.10	1.04	0.14	0.40
7	6.	2.50	5.70	2.10	7.95	0.21	0.95	0.35	1.33	0.71
8	6	0.80	0.15		1.65	0.07	0.03	0.00	- 0.28	0.09
9	8	4.00		2.00	2.35	0.25	0.00	0.25	0.29	0.20
10	8	5.90	8.20	ig.	1.40	0.37	1.03	0.00	0.18	0.39
11	5	5.10	0.80	2.90	2.50	0.51	0.16	0.58	0.50	0.44
13	6	2.10	0.70	1	1.60	0.18	0.12	0.00	0.27	0.14
14	5	4.60	1.70	1.90		0.46	0.34	0.38	0.00	0.30
.16	6	5.60	1.40	5.40	1.80	0.47	0.23	0.90	0.30	0.48
'21	3	1.20	0.80	1.10	1.00	0.20	0.27	0.37	0.33	0.29
22	5	0.75	0.70	0.50	0.90	0.08	0.14	0.10	0.18	0.12
23	2	1.70	1.50	2.10	2.50	0.43	0.75	1.05	1.25	0.87
25	4	6.25	1111	1.85	1.35	0.78	0.00	0.46	0.34	0.40
26	3	1.35 a.s.	2.50		3.05	0.00	0.83	0,00	1.02	0.46
27	4	1.80	5.00	1.60	6.50	0.23	1.25	0.40	1.63	0.88
28	4	2.00	0.55	2.90	6.20	0.25	0.14	0.73	1.55	0.67
31	2	0.40	0.10		6.05	0.10	0.05	0,00	3.03	0.79
33	6	3.50	3.40	1.80	3.50	0.29	0.57	0.30	0.58	0.44
34	3		3.00	2.50		0.00	1.00	0.83	0.00	0.46
36	3		1.10	0.65	1.90	0.00	0.37	0.22	0.63	0.30
37	5	4.00	1.70	3.20	1.80	0.40	0.34	0.64	0.36	0.44
39	5	0.80	1.1	,	1.20	0.08	0.00	0.00	0.24	0.08
40	7		1.00	0.30		0.00	0.14	0.04	0.00	0.05
41	5	1.30	0.30	1.90	27.5	0.13	0.06	0.38	0.00	0.14
44	5	14 1474		2.90	2.80	0.00	0.00	0.58	0.56	0.29
45	4	5.20	2.20	0.40	3.20	0.65	0.55	0.10	0.80	0.53
46	8	5.80	2.00	2.65	1.30	0.36	0.25	0.33	0.16	0.28
48	11	3.10	3.30	V	2.55	0.14	0.30	0.00	0.23	0.17
49	4	5.90	5.20		4.65	0.74	1.30	0.00	1.16	0.80
50	4	1.30	3.00	1.10		0.16	0.75	0.28	0.00	0.30
51	6	2.40	0.60	0.50	0.55	0.20	0.10	0.08	0.09	0.12
52	4	10.00	1.80	5.50	2.60	1.25	0.45	1.38	0.65	0.93
53	7	1.40	3.00	55.55	0.60	0.10	0.43	0.00	0.09	0.15
54	6	1.30	2.40		3.40	0.11	0.40	0.00	0.57	0.27
		41.								0.41

(Mari

Zone D-2

Record No.	Number of family member	Weight of waste(Kg)				Generated waste per capita (Kg./person/day)				Average per capita (Kg/person/day)
		6/12	7/12	8/12	9/12	6/12	7/12	8/12	9/12	N 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	5	1.10	2.80	0.50		0.11	0.56	0.10	0.00	0.19
2	6	3.10	0.95	4.50		0.26	0.16	0.75	0.00	0.29
3	12	4.80	2.40	2.10	0.20	0.20	0.20	0.18	0.02	0.15
5	4	0.90	0.70	0.95	0.55	0.11	0.18	0.24	0.14	0.17
6	2	2.30	3.40	1.1	1.60	0.58	1.70	0.00	0.80	0.77
7	5	2.00	3.00		1.40	0.20	0.60	0.00	0.28	0.27
8	6.	13.25	15.5	4.30	1.35	1.10	0.00	0.72	0.23	0,51
11	5	4.90	1.90	1. AS	7.25	0.49	0.38	0.00	1.45	0.58
16	5	1.20		0.35	2.00	0.12	0.00	0.07	0.40	0.15
.18	2	2.10	5.50	3.15	3.20	0.53	2.75	1,58	1.60	1.61
19	6.	0.70	0.90	0.45	0.35	0.06	0.15	0.08	0.06	0.09
20	3	2.00	0.90	0.80	0.70	0.33	0.30	0.27	0.23	0.28
21	4	2,00	2.60	0.20	0.40	0.25	0.65	0.05	0.10	0.26
22	7	3.10	0.80	1.00	0.80	0.22	0.11	0.14	0.11	0.15
23	7	0.90	0.70	1.55	1.10	0.06	0.10	0.22	0.16	0.14
26	- 6	3.25	1.00	1.90		0.27	0.17	0.32	0.00	0.19
30	8	0.20	6.60	1.30	4.10	0.01	0.83	0.16	0.51	0.38
31	5	0.60	1.10	1.90	0.50	0.06	0.22	0.38	0.10	0.19
32	3	0.60	1.70	1.55	1.50	0.10	0.57	0.52	0.50	0.42
33	4	1.50	1.40	1.00	1.30	0.19	0.35	0.25	0.33	0.28
34	2	2.60	1.20	1.70	1.30	0.65	0.60	0.85	0.65	0.69
40	5	5.25		8.84	6.10	0.53	0,00	1.77	1.22	0.88
41	4	3.40	1.80	1.65	2.50	0.43	0.45	0.41	0.63	0.48
43	2 ·	0.80	0.30	0.30	0.70	0.20	0.15	0.15	0.35	0.21
46	2	4.25	5.50	0.80	2.30	1.06	2.75	0.40	1.15	1.34
47	8	111	2.20	1.10	7.10	0.00	0.28	0.14	0.89	0.33
48	7	3.40	1.30	0.90	1.45	0.24	0.19	0.13	0.21	0.19
49	9	1.90	0.40	1.45	. e	0.11	0.04	0.16	0.00	0.08
50	: 4	4.35	0.60	4.40		0.54	0.15	1.10	0.00	0.45
51	7	6.40	0.30	0.40	0.20	0.46	0.04	0.06	0.03	0.15
		. ii .								0.41

DATA RELATED TO THE SPECIFIC GRAVITY



DATA RELATED TO SPECIFIC GRAVITY BY ZONES

Zona: A -1

Average			1	and the second	0.12
	S G (Kg/Lt)	0.11	0.18	0.13	0.14
9/12	V(Lt)	35	40	35	* 1
	W (Kg)	3.7	7.0	4.5	
	V(Lt) S G (Kg/Lt)	60'0	80.0	0.13	0.10
8/12	V(Lt)	35	35	35	
	W (Kg)	3.3	2.9	4.6	
	S G (Kg/Lt)	0.14	0.11	0.15	0.13
7/12	V(Lt)	40	42	43	
	W (Kg)	5.4	4.7	6.4	

Zona: A -2

Average					0.29
	W (Kg) V(Lt) SG (Kg/Lt)		0.19	0.23	0.25
9/12	V(Lt)	40	35	35	11
	W (Kg)	13.5	6.5	8.2	
		0.29	0.35		0.32
8/12	V(Lt)	40	30		
	W (Kg)	11.7	10.5		
	W (Kg) V(Lt) S G (Kg/Lt) W (Kg) V(Lt) S G (Kg/Lt)	0.31	0.31		0.31
7/12	V(Lt)	40	35		
	W (Kg)	12.5	10.9		
6/12	V(Lt) S G (Kg/Lt)	0.22	0.27	0.28	0.26
	V(Lt)	25	65	25	
	W (Kg)	5.5	17.8	7.0	

Zona: B-1

Average					0.17
	V(Lt) S G (Kg/Lt)	0.14	0.19	0.17	0.17
9/12	V(Lt)	35	40	45	
	W (Kg)	5.0	7.5	7.7	
	G (Kg/Lt)	0.17	0.12	0.11	0.13
8/12	V(Lt) S	70	45	08	4.4.2
	W (Kg)	12.0	5.5	8.5	
	S G (Kg/Lt)	0.18	0.17	0.17	0.17
7/12	V(Lt)	100	09	30	/
	W (Kg)	18.1	10.0	5.1	
	S G (Kg/Lt)	0.24	0.20	0.14	0.19
6/12	V(Lt)	02	20	08	
	W (Kg)	16.8	13.8	11.0	

DATA RELATED TO SPECIFIC GRAVITY BY ZONES

Zona: B-2

Average					0.16
	V(Lt) S G (Kg/Lt)	0.29	0.22	0.28	0.26
- 1	V(Lt)	70	80	09	
	W (Kg)	20.0	17.5	16.5	
	S G (Kg/Lt) W (Kg)	0.00	0.18	0.16	0.15
8/12	V(Lt) S G	35	35	40	:
	W (Kg)	3.3	6.3	6.5	
	S G (Kg/Lt)	0.13	0.14	0.13	0.13
7/12	V(Lt)	40	40	07	1
	W (Kg)	5.2	5.5	5.0	
	S G (Kg/Lt)	0.13	60.0	0.14	0.12
6/12	V(Lt)	40	0	3	4
	W (Kg)	5.0	3.5	5.5	A COMMAND AND A STATE OF THE ST

Zona: C-1

Average					0.15
	V(Lt) SG(Kg/Lt)	0.15	0.15	0.14	0.14
9/12		70	70	09	
	W (Kg)	10.5	10.2	8.2	
	S G (Kg/Lt)	0.17	0.13	0.15	0.15
8/12	V(Lt)	40	35	40	. ·
	W (Kg)	6.7	4.7	0.09	
	V(Lt) SG (Kg/Lt) W (Kg) V(Lt) SG (Kg/Lt) W (Kg)	0.12	0.12		0.71
7/12	Val	80	06	07	
	W (Kg)	9.2	10.8	6.4	
6/12	S G (Kg/Lt)	0.24	0.18		0.21
	V(Lt)	70	ŝ		
	W (Kg)	17.0	8.8		

Zona: C-2

Average					0.21
	(LL(S) S G (Kg/Lt)	0.26	0.18	0.23	0.22
9/12	V(Lt)	45	50	50	
	W (Kg)	11.5	8.9	11.5	
/12	V(Lt) S G (Kg/Lt) W (Kg)	0.18	0.19	0.17	0.18
8/12	V(Lt)	06	80	43	
	W(Kg)		15.0	7.5	
	S G (Kg/Lt)	0.20	0.22	0.19	0.20
7/12	V(Lt)	40	40	40	,
	W (Kg)	8.0	8.7	11	
	S G (Kg/Lt)	0.20	0.20	0.25	0.22
6/12	V(Lt)	40	40	40	
	W (Kg)	8.1	8.0	10.0	

DATA RELATED TO SPECIFIC GRAVITY BY ZONES

Zona: D-1

Average					0.12
	S G (Kg/Lt)	0.10	0.10	0.11	0.11
9/12	V(Lt)	100	100	80	
	W (Kg)	10.4	10.0	9.0	
	V(Lt) S G (Kg/Lt)	0.11	0.11	0.16	0.12
8/12	V(Lt)	06	08	06	
	W (Kg)	10.0	9.8	14.0	
	S G (Kg/Lt)	0.11	0.12	0.13	0.12
7/12	V(Lt)	06	06	100	
	W (Kg)	10.0	10.5	13.0	
	S G (Kg/Lt)	0.16	0.13	0.12	0.14
6/12	V(Lt)	08	09	06	:
	W (Kg)	13.0	8.0	11.0	

Zona: D-2

Average					0.15
	S G (Kg/Lt)	0.15	0.18	0.21	0.18
9/12	V(Lt)	40	35	45	
	W (Kg)	6.1	6.3	9.5	
8/12	S G (Kg/Lt)	0.13	0.11	0.16	0.13
	V(Lt)	20	09	09	
	W (Kg)	0.6	6.3	6.3	
	S G (Kg/Lt)	0.12	0.12	0.12	0.12
7/12	V(Lt)	06	80	10/	
	W (Kg)	11.0	9.6	8.2	
6/12	S G (Kg/Lt)	0.17	0.17	0.20	0.18
	V(Lt)	90	06	06	فسي
	W (Kg)	15.0	15.5	18.0	

ZONES			A - 1		
Items to be measured	7/12	8/12	9/12	Average	%
	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	2.30	0.95	0.75	1.33	24.02
Kitchen garbage	3.40	1.00	1.95	2.12	38.14
Fiber and cloth	0.10		0.50	0.20	3.60
Grasses and trees		·			
Other combustibles(Wood)			1 14.4		
Plastic	1.40	1.30	0.75	1.15	20.72
Rubber and leather					
Ferrous metals	0.25	0.15	0.15	0.18	3.30
Non ferrous metals			i da de tr		
Glass		0.35	0.90	0.42	7.51
Stones and ceramics			1		1.20
Other no combustibles(Bone)					
Land		0.45		0.15	2.70
TOTAL	7.45	4,20	5.00	5,55	100.00

ZONES	1 1 1	Aug <u>ine e e</u>	A - 2	<u> </u>		g general de la company
Items to be measured	6/12	7/12	8/12	9/12	Average	%
	Kg.	Kg.	Kg.	Kg.	Kg.	<u> </u>
Paper, Cardboard	0.60	0.55	0.40	0.35	0.48	6.03
Kitchen garbage	3,50	10.20	4.50	1.40	4.90	62.22
Fiber and cloth	0.10		0.10	0.50	0.18	2.22
Grasses and trees						1 - 1 - 1 - 1
Other combustibles(Wood)		0.35			0.09	1.11
Plastic	0.35	0.65	0.60		0.40	5.08
Rubber and leather	0.45	1.40	0.25	0.70	0.70	8.89
Ferrous metals	0.15		0.20		0.09	1.11
Non ferrous metals						
Glass		0.30	0.05		0.09	1.11
Stones and ceramics						
Other no combustibles(Bone)		0.95	1.45	0.25	0.66	8.41
Land	0.55		0.65		0.30	3.81
TOTAL	5.70	14.40	8.20	3.20	7.88	100.00

ZONES		‡ · ·	B-1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	en significant
Items to be measured	6/12	7/12	8/12	9/12	Average	%
	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	0.60	0.90	1.30	0.75	0.89	13.81
Kitchen garbage	2.00	5.30	3.00	2.00	3.08	47.86
Fiber and cloth	0.10	0.25	0.20	0.10	0.16	2.53
Grasses and trees						14.14
Other combustibles(Wood)					Continue	
Plastic	0.55	1.70	1.50	1.40	1.29	20.04
Rubber and leather		0.50	0.15		0.16	2.53
Ferrous metals	0.20	0.50	0.30	0.10	0.28	4.28
Non ferrous metals						
Glass	0.15	0.05	0.30		0.13	1.95
Stones and ceramics						
Other no combustibles(Bone)			0.55	0.45	0.25	3.89
Land				0.80	0.20	3.11
TOTAL	3.60	9.20	7.30	5,60	6.43	100.00

ZONES	1 - 1 - 1 - 1		B-2	1 111 2		
Items to be measured	6/12	7/12	8/12	9/12	Av.	%
	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	0.90	0.80	0.80	0.75	0.81	11.09
Kitchen garbage	4.00	3.10	5.00	5.35	4.36	59.56
Fiber and cloth	0.10	0.25	0.50	0.15	0.25	3.41
Grasses and trees					tina in the	
Other combustibles(Wood)						
Plastic	0.70	0.85	0.95	1.00	0.88	11.95
Rubber and leather						
Ferrous metals	0.40	0.50	0.25	0.20	0.34	4.61
Non ferrous metals						
Glass	0.10	0.15	0.25	0.05	0.14	1.88
Stones and ceramics						
Other no combustibles(Bone)				0,20	0.05	0.68
Land		e a Arabit	1.00	1.00	0.50	6.83
TOTAL	6.20	5.65	8.75	8.70	7.33	100.00

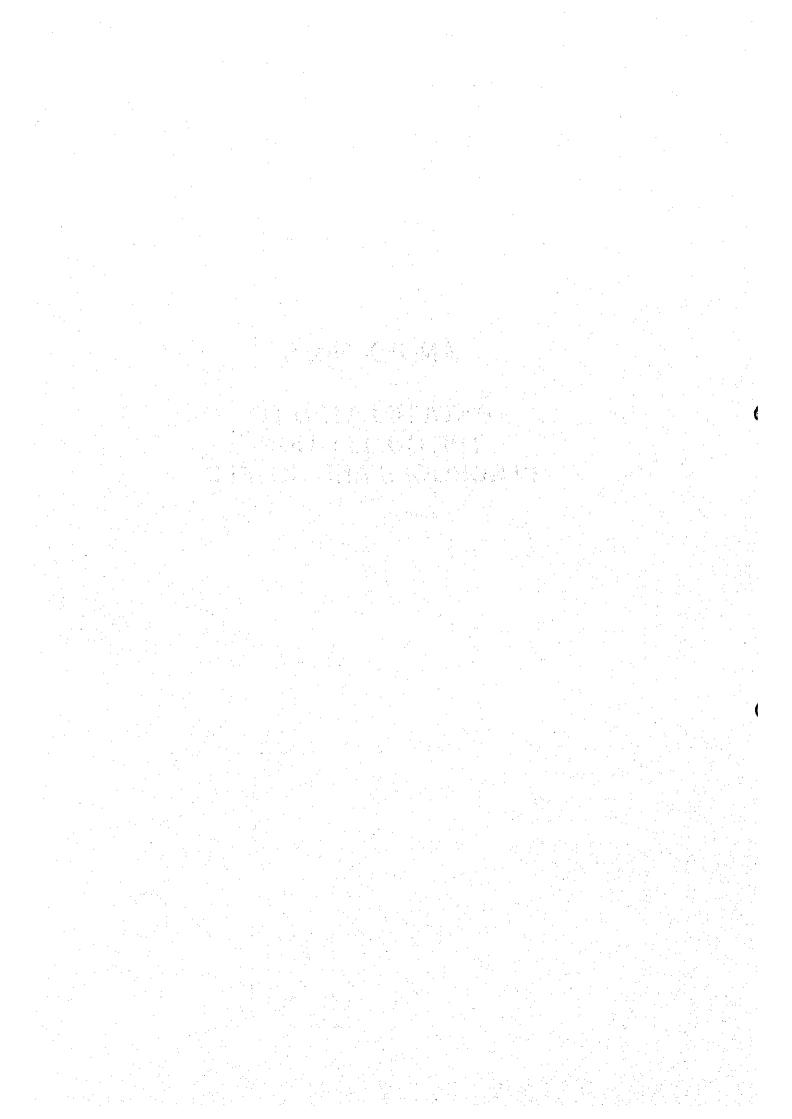
ZONES			C-1			
Items to be measured	6/12	7/12	8/12	9/12	Ay.	%
	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	0.60	0.85	1.15	0.60	0.80	12.83
Kitchen garbage	2.35	2.75	3.20	1.60	2.48	39.68
Fiber and cloth	0.05		0.20	0.75	0.25	4.01
Grasses and trees						Carlos Santa
Other combustibles(Wood)	0.10	0.05	;	1	0.04	0.60
Plastic	0.80	0.80	1.80	0.90	1.08	17.23
Rubber and leather		Ţ.				5. 5. 5.5.
Ferrous metals	0.30	0.40	0.50	0.35	0.39	6.21
Non ferrous metals	•					
Glass	0.05			0.10	0.04	0.60
Stones and ceramics				0.10	0.03	0.40
Other no combustibles(Bone)						
Land	1.65	0.50	1,25	1.20	1.15	18.44
TOTAL	5.90	5.35	8.10	5.60	6.24	100.00

ZONES	A 88 A	$\mathcal{F}_{(k_1,k_2,\ldots,k_r)}(\mathcal{F}_{(k_1,k_2,\ldots,k_r)}) = 1/2$	C-2			to all garbails
Items to be méasured	6/12	7/12	8/12	9/12	Av.	%
entigration of the Carlot Service (1995)	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	1.45	1,5 5.5	0.50	0.50	0.61	7.81
Kitchen garbage	2.75	3.00	2.30	1.30	2.34	29.82
Fiber and cloth	0.05	0.10	0.50	0.40	0.26	3.35
Grasses and trees			er iv			No. of the
Other combustibles(Wood)		0.20			0.05	0.61
Plastic	1.50	1.70	1.25	0.80	1.31	16.75
Rubber and leather						1-1-1-1
Ferrous metals	0.80	0.80	0.45	1.20	0.81	10.37
Non ferrous metals						
Glass		0.40	1.30	1.00	0.68	8.61
Stones and ceramics				:		747 3
Other no combustibles(Bone)						170.47
Land	3.60	3.10	0.40		1.78	22.65
TOTAL	10.15	9.30	6.70	5.20	7.84	100,00

ZONES			D-1			
Items to be measured	6/12	7/12	8/12	9/12	Av.	%
and the second s	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	0.35	0.30	1.00	0.30	0.49	7.88
Kitchen garbage	1.00	2.00	4.50	2.00	2.38	38.38
Fiber and cloth	0.10	0.10	0.30	0.30	0.20	3.23
Grasses and trees						198 / 34 8
Other combustibles(Wood)		100		0.10	0.03	0.40
Plastic	1.20	0.55	2.70	1.00	1.36	22.02
Rubber and leather			0.10	0.80	0.23	3.64
Ferrous metals	0.50	0.20	1.10	0.20	0.50	8.08
Non ferrous metals						
Glass		0.15	1.60		0.44	7.07
Stones and ceramics	e e e e e e e e e e e e e e e e e e e		0.20	0.10	0.08	1.21
Other no combustibles(Bone)			A Park No.	0.10	0.03	0.40
Land Service 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.50		1.00	0.40	0.48	7.68
TOTAL	3.65	3.30	12.50	5.30	6.19	100.00

ZONES			D-2			10 8 84 9 8
Items to be measured	6/12	7/12	8/12	9/12	Av	%
	Kg.	Kg.	Kg.	Kg.	Kg.	
Paper, Cardboard	0.50	0.40	0.55	0.40	0.46	5.38
Kitchen garbage	2.80	2.80	8.60	2.00	4.05	47.09
Fiber and cloth	0.20	0.10	0.20	01.0	0.15	1.74
Grasses and trees		a .				a tid yeta, wasin s
Other combustibles(Wood)			0.05	0.10	0.04	0.44
Plastic	1.85	1.50	1.65	0.90	1.48	17.15
Rubber and leather			0.10	0.40	0.13	1.45
Ferrous metals	1.00	0.50	1.00	0.50	0.75	8.72
Non ferrous metals					an istan	100
Glass	0.05		0.95	2.30	0.83	9.59
Stones and ceramics		0.40		0.10	0.13	1.45
Other no combustibles(Bone)		0.10	0.10		0.05	0.58
Land	0.40		1.00	0.80	0.55	6.40
TOTAL	6.80	5.80	14.20	7.60	8.60	100.00

DATA RELATED TO THE COLLECTION IN SCHOOLS AND HOTELS



DATA RELATED TO THE COLLECTION IN SCHOOLS

1998/12/9 1998/12/9 1998/12/7 1998/12/9 Carlos 1998/12/9 Carlos 1998/12/9		Administ I OLAL	Days	W(Kg)	W(Kg/day)	cen. per	AVCTABC
1998/12/9 268 1998/12/9 241 1998/12/7 1198 1998/12/7 1136 1998/12/7 1136			collect	collect	collect.	capita	Gen.
1998/12/9 241 1998/12/7 1198 1998/12/9 1198 1998/12/7 1136 1998/12/7 1446		268	1	3.7	3.7	0.0138	0.0138
1998/12/7 1198 1998/12/9 1198 1998/12/7 1136 1998/12/7 1446		241	3	19.15	6.4	0.0265	0.0265
1998/12/9 1198 1998/12/7 1136 1998/12/9 1136 1998/12/7 1446	1198	5 1240	. 1	39.70	39.7	0.0320	
1998/12/7 1136 1998/12/9 1136 1998/12/7 1446	1198	5 1240	2	8.80	4.4	0.0035	0.0178
1998/12/9 1136 1998/12/7 1446	9811	1711	2	80.80	40.4	0.0345	
1998/12/7	1136	1711	2	25.50	12.8	0.0109	0.0227
41 4 21 4 4 4 7		22 1539	1	3.00	3.0	0.0019	
C.E.S. Glonoso San Carlos 1998/12/9 1446 71	18/12/9 1446 71	22 1539	2	11.00	5.5	0.0036	0.0028
C.E.S G.U.E. San Carlos 1998/12/7 2445 146	2445	40 2631	2	35.30	11.8	0.0045	
C.E.S G.U.E. San Carlos 1998/12/9 2445 146	2445	40 2631	3	23.90	12.0	0.0045	0.0045

DATA RELATED TO THE COLLECTION IN HOTELS

NAME	Date	Days collect.	Number of guest	W (Kg.) collect.	W(Kg./día) collec.	Gen. per capita
Ferrocarril	1998/12/7	1	20	3,00	3.00	0.15
Ferrocarril	1998/12/9	2	20	4.30	2.15	0.11
			20		2.60	0.13
				to the	ta at tagair	
Italia	1998/12/7	1	25	8.00	8.00	0.32
Italia	1998/12/9	2	-13	9.40	4.70	0.35
			!19		6.35	0.33

AVERAGE OF THE WASTE COMPONENTS

7)

AVERAGE OF THE WASTE COMPONENTS

SAMPLING POINTS	A-1		A-2	-	B-1	_	B-2	7	3	_	5 5	2	D-1		D-2	.2	Average 1998	c 1998
Terms to he measured	AVCKO	8	Av(Ko)	8	AvRo	%	AvGKg	%	AvOKe	8	Av(Kg)	%	Av(Kg)	%	Av(Kg)	%	K Ig	%
Donor Condition	1 33		0.48		68 0		0.81	11.09		t:::	0.61		0.49	7.88	0.46	5.38	0.63	10.36
raper, Carumond		10.	· ·	3 (000			7.0	i.	0000	700		2 20	30 30	404	47.09	2,67	43 73
Kitchen garbage	2.12	38.14	8 8	4.90 62.22	3.08	47.80	4.30 0	00.70		33.03	4.34		4.30	00.00	2 6) i	1	2
Liber and cloth	0.20	3.60	0.18	2.22	0.16	2.53	0.25	3.41	0.25	4.01	0.26		0.20	3.23	0.15	1.74	0.18	7.87
Grasses and trees						•							٠.				- (
When combustibles (Wood)			0.09	1.11					0.04	090	0.05	0.04		0,40		0.44	0.03	0.51
Direct Company of the Comp	1 15	20.72	0.40	× 0×	1 20	20 04	0.88	11.95	1.08	17.23	1.31	16.75		22.02	1.48	17.15	1.01	16.53
	1.1			3 6	1		}			!				2,64		1 45	0.15	2.50
Rubber and leather			0/0	× × ×	0.10	7.55	<u> </u>		2					5		1		1
Ferrous metals	0.18	3.30	0.09	1.11	0.28	4.28	0.34	4.61	0.39	6.21	0.81	10.37	0.50	8.08		8.72	0.38	6.15
Non ferrous metals							1			·		-						
38 O	0.42	7.52	0.09	1.11	0.13	1.95	0.14	1.87	0.04	0.00	0.68	8.61	0.44	7.08		9.59	0.33	5.39
Conner and committee									0.03	0.40			0.08	1.21		1.46	0.03	0.49
Other no combinetislas (Bone)		- v	99 0	8 47	8.42 0.25	3.89	0.05	0.68					0.03	0.40	0.05	0.58	0.12	2.03
Tong	٧. ٥	0.15 2.70	$\{ \cdot \}_{i=1}^{n}$	× ×	0 20	3.11	0.50	6.83	1.15	18.44	1.78	22.65	0.48	7.68		6.40	85.0	9.44
TOTAL	5 55	5 55 100 00	ı	7.89 100.00	644	100.00	7 33	100.00	6.26	100.00	7.84	100.00	6.22	100.00	8.62	100.00	6.10	100.00

Av = Weigth Average for item in Kilograms

(3) EXISTING COLLECTION ROUTES, 1998 PUNO

()

