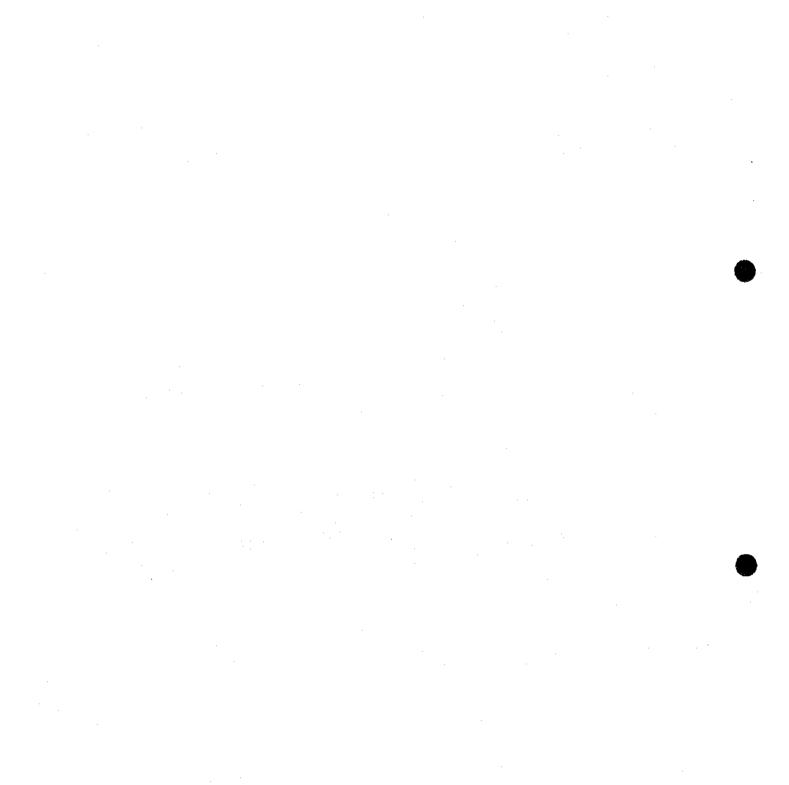
# DATA 3

Data and Survey Form of the Industrial Waste Management Survey



# Survey Sheet for Industrial Wastes

Please select the municipality Chinandega, Leon, Granada

1

I

1.	General Data	
Da	ite:	
Na	ame of Interviewer:	
Int	terviewee:	
	Name:	
	Section:	
	Position	
2.	Company Details	
a)	Name :	
b)	Address :	
	Phone number :	
	Facsimile :	
c)	Year of Establishmen	it :
d)	Number of Personnel	l.
	i) Administration	:
	ii) Production	:
e)	) Capital	
	Current Capital	:
f)	Principal Products	:
g	) Sale of commodities	by year(ton/year)
	i	
	ii	
	iii	

#### 3, Wastes

Please select the type of waste generated in your factory shown in the list below, then tick the suitable column of "Generation" of sheet 1.

#### a) Type of Waste:

- LAsh, combustion residue
- 2. Dust
- 3. Slag from melting

- 4. Sludge 5. Asbestos
- 6. Acid7. Alkalis
- 8. Oily Waste

- 9. Chemical residue
- 10. Waste from food production
- 11. Waste similar to domestic waste
- 12. Animal manure

- 13. carcasses
- 14. glass and ceramics 15. Scrap Metal
- 16. Paper and cardboard
- 17. Plastics
- 18. Scrap rubber
- 19. Textile 20.

Leather

- 21. Wood
- 22. construction and demolition waste 23. Waste

water

24. Others (specify)

#### b) Generation amount of waste

Using the sheet 1, please fill the generation of waste in ton/year in the column of "Generation amount".

#### c) Nature of Waste

Using the sheet 1 and given code below, please tick "Nature" of waste generated in your factory shown in the list below:

- S. Solid
- L. Liquid
- A. Semi-dry
- G. Gas

#### d) Characteristic

Using the Sheet 1 and given code, please tick the "Characteristic" of waste in your factory shown in the list below:

- 0. Organic,
- Ĭ. Inorganic,
- C. Corrosive

- E. Explosive,
- Reactive, R
- T. Toxic

- Putresicble, P.
- N.
- Non-biodegradable

#### **Temporary Storage Method** e)

Using	g the sh	eet 1 and given code, plea	se tick the	"Temp	orary	Storage Method" of
waste	e in you	factory shown in the list be	elow:			
	G.	Garbage bag, B.	Dustb	in,	T.	Tank
	D.	Drum, P.	Pit,		L.	Lagoon
	Х.	Others				
í)	Emp	tied Frequency				
Usin	g the sh	eet 1 and given code, plea	se tick the	"Empt	ied Fr	requency" of
temp	porary st	orage in your factory show	n in the lis	t below:		
	D.	Daily, W. W	eekly,	M.	Mor	nthly
	A.	Annually				
g)	Trea	itment Method				
Usii	ng sheet	2 and given code, please t	ick the "Ti	reatmer	it Met	hod" of waste in your
		vn in the list below.				
	В.	Burn (inc. Incineration),	C.	Crus	hing,	
	M.	Compaction,	E.	Dehy	dratio	n,
	N.	Neutrlization,	D.	Bio-	decom	postion
÷	О.	Others				
h)	Dis	posal Method				
Usi	ing shee	t 2 and given code, please t	ick the "D	isposal	Metho	od " of the waste in you
fac	tory sho	wn in the list below:				
	L.	Landfill (including wit	hin the fact	tory pre	mises)	
	R.	Recycle (within your fa	ctory prem	ise or a	ffiliate	ed companies)
	U.	Unknown,	S.	Solo	l to otl	hers

1

T.

D.

Discharge to sewer,

Discharge into environment, O.

M.

Municipal landfill

Others

i)	Disp	osal amount			
Using	g the sh	eet 2, please state th	e disposal	amount /year generated in your factory.	
j)	Tran	sportation			
Using	g the sh	eet 2 and given cod	e, please t	ck the "Transportation" method of was	te
from	your fa	ctory shown the list	below:		Í
	M.	Municipality,	C.	Contractor	
	О.	Own means			
4.	Opir	nion of future ISWI	M		
a)	Pres	ent condition			
Are	you sati	sfied with the actual	collection	service.	
•••••					
*.*					
•	• • • • • • • • • • • • • • • • • • • •		************		
b)	Fute	ire ISWM			d
Plea	se giver	n your opinion on fut	ture impro	vement on industrial waste management.	
•••••	**********		••••••		
	• • • • • • • • • • • • • • • • • • • •	•••••			
• · · · · ·	•••••		••••••		

Sheet 1	ļ			Ì		ļ		1					r		Temporary storage method	1000		100	l g			Dited	Emptied Frequency	nence	Γ.
				Nature		_		رز		Characteristic	اي	Ì	1	}	d l	1		3	{ } }	.}		_		<u>`</u>	T-
Item		Generation	<u> </u>				<del></del>							8										<del></del>	
	Generation	THE COLUMN	bilo	Liquid Semi-dry	Gas	Organic	Inorganic	Corrosive	Explosive	Reactive	Toxic	Puttescible	Von-biodegrad	Gathage ba	Dustbin	Tank	Dum Pit	Lagoon	Open air	Others	Daily	Meckly	Monthly	Annually	
Type of Waste	)	(ton/year)		_		+-	1	0	ш	~	F	Pr	z	U	m	F	Α	7	0	×	А	B	> X		∢
1 Ash, combustion residue	<u> </u>							-					7	_	+	+	$\dashv$	-	+		_ _		-		1
2 Dust							_	-			1		1	1	$\dagger$	+	-	+	+		-	-	-	-	7
3 Slag from melting			-	;			4	_				$\top$		1	$\dashv$	+	+			+		+	+		T
4 Sludge			-				_	_					1	1	+	+	+	+	+	-	+	-	+	+	Γ
5 Asbestos				_	-		4	-						1	-	+	+	+	+	-	-	+	╁╌		Τ.
6 Acid				-	-	$\dashv$	4	_	$\perp$				1	+	+	$\dashv$	+	+	+	+	+	-	╀	ļ	
7 Alkalis	-			┪				_	$\bot$			Ī	1	+	1	$\dagger$	+	+	-	+	-	╀	╁╴	+	1
8 Oily waste				_			$\dashv$	_	$\perp$				1	1	$\dagger$		+	+	+	╀	+	+	+	+	T
9 Chemical residue				-	+	4	-	_	_				1	+	+	+	+	╁	+	╀	-	+	+-	+	<b></b>
10 Waste from food production				-	$\dashv$	-	$\downarrow$	4	$\perp$				1	$\dagger$	+	+	+	$\dagger$	╁	-	╁	-	+	╁-	T
11 Waste similar to domestic waste				+	1	1	-		_					1	$\dagger$	+	-	-	╁	╁	+	+	╁	+	1
12 Animal manure		:		-	$\dashv$	-	$\dashv$	_		]				1	+	$\dagger$	+	+	+	╁	+	╀	+	-	<u> </u>
13 Carcasses				-	$\dashv$	$\dashv$	$\dashv$	-	_				T	+	$\dagger$	$\dagger$	+	-	+	+	+	+	+		T
14 Glass and ceramics				$\dashv$	$\dashv$	-	$\dashv$	$\downarrow$	4	1				Ť	$\dagger$	+	+	-	╁	-	+	+	+	-	1
15 Metal and scrap				1	$\dashv$	$\dashv$	$\dashv$	$\dashv$	_				1	†	+	╅	+	+	-	+	+	+	+-	+-	$\top$
16 Paper and cardboard		:		$\dashv$	$\dashv$	$\dashv$	4	_	_					Ť	$\dagger$	+	-	-	+	+-	+	+-	-		T
17 Plastics				$\dashv$		$\dashv$	-	-	_	1			1	†	†	$\dashv$	+	-	+	-	+	t	+		
18 Rubber					-	$\dashv$	-		_	$\perp$				1		+	╁	╁	+	+	+	+	-	╁	
19 Textile					-	-	4		_	_				十	+	$\dagger$	+	╁	╁	+	+	-	+	1-	- [
20 Leather				1	$\dashv$	$\dashv$	-	$\downarrow$							+	$\dagger$	+	+	+	+	+	+	-		
21 Wood	_			_	-	-	-	_	_	_				1	+	+	+	+	+		╀	╁		-	_[_
22 Construction and demolition waste	63			-		-	-	-	_	$\perp$				1	$\dagger$	+	+	+	+	╁	+	+			
23 Water	_				-	-	-	$\dashv$	$\downarrow$				1		+	$\dagger$	-	+	+	+	+-	-	-	-	
24 Others (specify)	$\vdash$			$\dashv$		$\dashv$	-	_						7	-	-	1	1	-	-	-	-		~	

Sheet 2	ľ			1				-		į		*			1	income Amount	T months	Tennenortotion method	hothod	Remarks
•		reat	ment	I reatment method	 اچ			_		Sia	RS SS SS SS SS SS SS SS SS SS SS SS SS S	Disposal methods	S		╣	Disposal Automit	Terror	OI MICON	3	Cummin
Item											pers		Hilbr	<del>-</del>			Á	10)31	sueə	
	Generation	Burn	Crushing	Compaction Dehydration		Bio-decomposite	Others	Landfill	Kec).cle	Unknown	lo off of blog	Discharge to sev	Municipality la	Discharge into	Others	:	HilegisinuM	Contra	an nviO	
Type of Waste	,,,,,	В	C C	ME	z	Ω	0	1	~	Þ	S	Н	Z	Ω	0	(ton/year)	Σ	ပ	0	
1 Ash, combustion residue				3.5		- :	Ц			_					$\dashv$					
2 Dust															$\dashv$					
3 Slag from melting		-	-						Щ											
4 Sludge				-						_		•	7	-	-+					
5 Asbestos													$\dashv$	$\dashv$	+					
6 Acid															$\dashv$					
7 Atkalis			-		-				_											
8 Oily waste		<del>                                     </del>	$\vdash$							-										
9 Chemical residue		<del>                                     </del>						_												
10 Waste from food production																				
11 Waste similar to domestic waste															_		:			
12 Animal manure			-					_							$\dashv$					
13 Carcasses			-			-	_								$\dashv$					1
14 Glass and ceramics		$\vdash$	_			_														:
15 Metal and scrap			-	-											$\dashv$					
16 Paper and cardboard	-			<u> </u>	<u>.                                    </u>	<b> </b>							: .							
17 Plastics		<del>                                     </del>			<del>  -</del>	<u> </u>				_		1								
18 Rubber	<del> </del>	<del>                                     </del>	$\vdash$	-	-	<b> </b>	<u> </u>		L						-					
19 Textile			-	-	-	<u> </u>	<u> </u>			_				L!						
20 Leather				<u> </u>		_	_													
21 Wood		†-	-	-	<u> </u>	<u> </u>	_													
22 Construction and demolition waste	-		$\vdash$		_	ļ														
23 Water		<del> </del>		H																
24 Others (specify)		_	<u> </u>			_	<u> </u>	L	 				:							
										Į										

ž	Results of Survey									
F	Masta Generation Amount (10)		İ			Leon			0000	T. W. W
+	クサウトは マン・ファット マー・ファット マー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファ	2115	2118	393.	3232	3412	3512	355]	3839	Leon lota!
$\dashv$	Type OI was te	CITO	27.5				•	-	•	1
¥	Ash, combustion residue	-		,					10.0	13.3
2 Dust	ust	1.5	•	1.8	•	,			2	
38	3 Slag from melting						1			0 US
S.	4 Sludge	0.09	_		,		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			0.00
Ę	5 Aspestos						+		\$ C	ر د د
	BlAcide	•		•	,		•	'		
F	7 Alkalies	•	•	-	-		•	,		Q (V)
08	80ily waste	40.0	4	1	,	1	• «	,	1 0	0.00
6	9 Chemical residue	-		1	-	1	2.7		10.0	7.700 1
0	O Waste from food production	8.0	1, 090. 0		1	-	,	'		0.000.
	Maste similar to domestic w	8.5		•	1		1	•	,	0.00
2	2 Animal manure			130.0				•	1	0.00:
13 C	3 Carcasses	1	•	1	•	'	•			
146	4 Glass and cermics								0 96	0.70
5	5 Metal and scrup	1.0	1	,	1	1 6	, (			217.0
19	6 Paper and cardboad	5.0	•		,	300.0	5.0	5.5	0.0	0.70
17	Plastics	7.0	-				2.0	, (	6.0	0.6
18 K	8 Rubber	1				'		0 - 179	9.0	
191	9 Texitile	,					,			100 5
201	Leather	1		96.0	10.5	'	<del>,</del>			
211	Mood	<b>*</b>	1	•	•			, [		
22 C	22 Construction and demolition waste	waste								0 060 30
23	23 Water	8, 000. 0	•	30, 000. 0	•	27, 630, 0	•	,	1	03.000.0
240	24 Others							6 00	0 201	0 282 62
۲	Crand Total	8. 131. 0	1 030 0	30.227 8	10.5	27, 930, 0	3.6	¢ 77	7.07	0.15

Ш				Chinandega			ľ
	3111	3114	3115	3116	3122	3512	China. lotal
	_	7	180.0	1	-	,	180.0
	-	-		1	r	1	,
	1	1	-	-	1	;	
	,	1	0.3	•	-	t	0
	-	i.	0.3		1	1	0.3
١,	•	-	-	1	'	ŀ	1
	*	-	-	,	,	ŧ	1
	1	108.0	162.5	3, 054, 0	1.2	i.	3, 325, 7
	_	1	-	•	,	1	4
	4.0			i	•	t	4.0
	1.5	1	•	1	ŀ		3.5
	ı	•	20.0		1		20.0
	-	0.1	80.0	•		6.0	86. ]
	1		0.9	4	•	4.0	0.0
	_	4	•	-	:	1	'
	-			-	1	1	,
	_	•	-	-	•	ı	1
	•	-			•	,	1
ļ							
	,	2, 725. 0	2, 763.0	•	•	37. 9	5, 525. 9
					:		
	1 2	. 666	0 0 0	< 100 c	٠	7.1	7

تعم	Results of Survey										
Ē	Maste Generation Amount (to Granada	Granada			, 60%	1110	9410	25,99	3523	Grana. Total Grand	rand Total
L	Type of Waste	3111	3211	3219	1626		37.40	3,70	,	1	180.0
Ė	Ash combustion residue	•	•	1	•			c i	-	7.3	20.6
ŕ	9 Duc+	٠	t	•	3	,		0.1			
1	73 2 5 5 5 5										0.00
7	SISIAR ITOM MEILIUK			•	•		•	•			0.00
4	4 Sludge	•	, [								
5	5 Asbestos							×	•	1.8	2.4
Œ	6 Acide	1	,	•	•			2			0.3
	7 Alkalies		1	-			; ;	•		-	40.0
<u></u>	8 Oily waste	¢ :			,		1		,	1.5	13.7
6	9 Chemical residue	i					-	0 01		10.0	4, 433, 7
=	Maste from food production	-	1						9	6.9	15.4
Ε	Waste similar to domestic w	,	0.0		ļ				,		366.0
1	2 Animal manure	232.0	1			•				265.0	266.5
1	13 Carcasses	265.0		·	,	4	,				
Ξ	4 Glass and cermics						6 0		,	0.2	117.2
5	5 Metal and scrup	1	-			0 000	3 1	110 0			706.0
9	6 Paper and cardboad	_	1			192.0	6.0		-	0, 2	19.2
1	7 Plastics	•					7.0		-		24.3
8	18 Rubber	-	-	1.0			1	,	1	0.3	0.3
5	9 Texitile	-	1	0.3	- 00					109.0	215.5
2	20 Leather	ŀ	•	1	103.0		60		•	0.2	0.2
~	21 Wood	•	•	•							
2	22 Construction and demolition				0 600			189.0	438 000 0	561, 935, 0	633, 090, 9
83	23 Mater	69, 076, 0		_	54, 677.0			2000	2 200		
77	24 Others				7 400	0 601	7 (	311.1	438, 006, 0	582, 871, 2	638, 571, 9
	Crand Total	69, 573, 0	ە 0	0.3	54, (81.5	1 0.00 L	7 3	1 1 17 7		A V W 7	

Att	<b>T</b> aste
-----	---------------

		Corrosive				Non biodegradab	Putrescib	\$3/A	VII Total	Total
.€01i	Discharge into Env	0.3	0	57652	57652. 3	0	8	1.5	9. 5	57661.
	Discharge to sever	8000	Û	0	8000	0	0	. 0	0	800
	landfill	0	0	131.8	131.8	0	<u> </u>	96	96	227.
	Nunicipality landf		C	16.9	16. 9	18	1090	63.96	1234.96	1251.8
	Others	0	0	0.18	0. [8	¢	0	0	0	0. 1
	Recycle	0	0	96	<b>9</b> 6	0	<u>.</u>	Đ	0	9
	Sold to the others		0	0		8	C	301.32	309. 32	309. 3
otal	<u> </u>	8000.3	0	57896 88		89	1098	462. 78	1649.78	67516. 9
				L	97.561				1 1	<u></u>
				<u> </u>				1.0	<u> </u>	
hinandega	Discharge into Env		0. 25	0. 25	0.5	0	2725	2925.5	\$650.5	565
	Discharge to sever				. 0	0	2. 4	0	2. 4	2.
	Landfill	0	0		0	0	4.32		3004.42	3004.
	Tunicipality land!	200	Ç.				188	0	194	4(
	Others	O		37.85	37.85		. 0		. 0	37.1
	Sold to the others			9		0	0	54	\$1	
Total .		206	0. 25	48. 1	248, 35		2919.72	5979. E	8905. 32	9153.1
	ļ				2. 71%	·				
Sranada	No. No. of the Fire			400000 4			ļ			
es anaya	Discharge into Env Discharge to sever		Ď	49267B. 5	492678.5	1	69976	o	69076	
	Nunicipality lands			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ļ	182	1	102 0	182	11
•	Others	1:0	0		1.8	<u>-</u>	247		365. 2	
	Sold to the others	<del> </del>	<del>-</del>	1	J	0.3	265		192.45	
[otal	Sold to the others	1.8			***************************************	100.0			315.27	
ivia:			· · · · · · · ·	435018.3			69583	425-62	70190, 92	205811-
Grand Total		8202. 1	0. 25	250000	87.53%		20000 20	2000	00715 00	000001
otalia latas		8202-1	0. 25	550623. 5	558825.83 87.38%		73600 72	6869	80745. C2	0.59571

Sacta Tator

eneration Aso		CHARACT_2								
			Peactiv		Hazardous Tot	Non-biodegradab	Putrescib	EN/A	Grand Total	
.003	Discharge into Env		<u> </u>	57630	57630	0	0	(	C	57630
	Discharge to sever	8000	l	0	8000	0	0		0	8000
Total		8000		57630	65630	Ç	C	(	Ö	6563(
			ļ		100.00%					
Chinandega	Discharge into Env			0	0	0	2725	2763	5488	5184
	Others	0		37.85	37, 85		C		it in it	37.8
Total		C		37.85			2725	2763	5488	5525. 83
			I		0. 694					
		<u> </u>	L	<u> </u>			<u> </u>	1	L I	1111
Granada	Discharge into Env		k	492677	492677	{	69076		69976	56175
	Discharge to sever		}	. 0		182	€	(	182	187
Total			)	492677			69976		69258	56193
	L		l		87.683	]		1		
Grand Total	_L	8000	·	550344. 9	558344.85	182	71801	2763	74746	633090.

Solid Taste

Grand Total

ot (ton/year) CHARACT 2

Disposal Nethod Corrosive Reactiv Toxic Generation Amount (ton/year) 31.8 227.8 Leon Discharge into Env 0.3 Landfill Municipality lands 1251.86 Others 0.18 0. 18 Recycle 309. 32 1916. 95 96 96 0 301 32 1098 462 78 309. 32 1649. 78 Sold to the others 266-88 <u>[otal</u> 267.18 0. 3 89 13. 51% Chinandga Discharge into Eav 0.25 0. 25 0.5 \$62.5 162. 5 Discharge to sever Landfill Unnicipality landf Sold to the others 2. 4 0 4. 32 3000. 1 2 4 2 4 3004.42 3604.42 194 404 200 210 188 54 3417. 32 -54 3627. 82 210.5 5.80% 200 0. 25 Tota! 194. 72 3215. 6 Discharge into Env Yunicipality landf Others Granada 1.5 1.5 367 192.45 375.27 936.22 123. 2 192. 15 110. 27 425. §2 365. 2 192. 45 375. 27 932. 92 3. 242 Others Sold to the others 0.3 3. 3 0. 35 v 480. 98 7. 42 v Total 0.3 1. 8

95.3 1799.72 4105

6000.02

202. 1

(Treatment Amount (ton/year)				-			_										
				5		Ī	Į,		3	7	)	China. Fost	foat Bio-decompo	Sura	No.	CTANA ONE DEA	ı
Type of waste	Bio-decoapo [	Burn	Compaction	Neutrlizati No		_	LEON IONTI	aro-decrapho a	[•		180.0		-	-			0.0
1 Ash combustion residue	•	١	·		•		G G	1	-			-	•		7.3	7.3	9.07
	•		0.0	1		1	3:0			•	٠		•		•	-	
3 Slao from melting	-	•	_	•	•	:†				•	ļ,		•		•	-	⊃ ( <del>2</del>
2 A Judge	Ī		•	-	9	•	ο. Μ.		ļ	1	<b> </b> -	Ī	-	2	•	,	·
Labortos	[•	•		,	•		•		1	Ţ.	6	2	•	•	8.1	.8.	2.4
CONSTRUCTION OF THE PROPERTY O	•	١	•		•	0, 3	Q. 3	1							•	•	6,5
D ACTURE			·	•		•		•		•	2	3	•	,	•	,	40.0
( Attailes	•		·		40.0		40.0		,	·				١	5 1	1.5	13.7
a or by waste				6	9	•	12.2	1	ļ	-	•	•				0 01	2.52.7
9 Chesten residue				,	0 800 -	•	1.098.0	1	3,001.2		324.5	3, 325.	•			2	, Y.
10 Vaste from food production					3	,	6.5	•	•			•	2.5		5 0 0	A 600	266.0
Maste similar to domestic wa		١.			0.00		0 761	6		Ī	9.1	4.0	•		0.303	0.562	o constant
[2] Animal manure	-	•	•		130.0	·	13%		-			1.5	•		265.0	565.0	2002
3403401	ŀ		1	•	-	•	•	1	7	1		Ī		•	•	•	-
IS CONCESSES		'		·	$\left[ \cdot \right]$		•	•	-	•		0.00			60	, 'G	17.2
14 Glass and cermics	•				0.0		97.0		•	•	20.0	O. 02		900		0 60%	0 302
15 leta and scrup	•					Ī	911	1	0.1		98.0	. સ્ટુંટ	-	192.5		3,7,7	
16 Paper and cardboad		5.0	•	·	315.3	]	200			ŀ	10.0	10.0	•	•	0,2 (	, .j	7.61
19 10 - 444.00	ŀ	2.0		•	7.0 1	7	. r.								•	•	24.3
I I I I I I I I I I I I I I I I I I I	T		•	-	8.76	٠	24:3	•		•	-				۶	y C	6
18 Rubber						•	•	•	•						77.7	0 000	3.716
19 Texitile	•	•	•		, , , ,		7 301		-	Ī	•	•	0.53	١		0.50	2007
20 Leather	•	1	•	·	100.0		7,700			Į.		•	,	•	0.2.	2.0	7 0
C Management	·	•	•	•	-								:	٠	,	•	,
Contraction and Appendix			•		•	•	,		•	A 200 A	0 000 0	0 305 3	•		561, 435.0	561, 935.0	638,090.9
TO THE INTERNATION OF THE PROPERTY OF THE PROP	[·	<b>[</b>		•	65, 630, 0	1	65, 630, 0	•		V.C21.7	4, DOU: 3					•	•
23 Tater				[	ŀ		•	•	•	•	•			· ·	8	5	0 (65 04.7
~1	-				3 603 60	~	67 547 0	2.6	3, 002, 8	2, 725.0	3, 423, 5	9, 153, 7	109.3	135.0	200	2 (10 (7)	
L	2.0	7.0	0.0	2.0.	C 120 /6	3	7 610		3 000 5	[	622. €	3, 627. 8	6 60	192.0	8.34.3	336.2	6, 48 . 0
L	2.0	7.0	10.0	2.0	1.897.5	6.10	3.311.0	,	2 2000								
					. :												
										- Carana				Crai	19 G		
(Treatment Amount (Katio)				Leon					10.0	Г	100	China Tont	Toat Bio-decogo Burn	ļ	9	Grana. Toat	G. Total
There of accept	Rio-decoggo Burn	Surn	Compaction	Neutrlizati	160	Others	Con Conti	Blo-decoapo	ELEC		300 000	1 078		Ι,	ļ.		0.03
11.75		  -					,		•		, W. W.	1: 31%			300 001	100 U	0.00%
I VSU COMENSTICAL ICE TONE			76 76	,	24.81%		0.02	- ::	•								
2 Dust			200						[	,		_	'		,		
3 Slag from melting			, 		700 000		0 00	[.					-	·	•	,	0.03
4 Sludge		•	,	•	200.003		0: 00.4			,				'		•	
Statebette		•	•	•	١						ACA BOK			,	100.00%	0.00%	0.003
200000000000000000000000000000000000000				,		100.00%	0, 00%	١	•	.[	100.00	l					00.0
plyclac								•			100.003						818
7 Alkalies					300 001	ľ	0.068			-	•			1		l	0.01
8 0ily vaste							360 0	,					-	•	100.00	ं	0.003
9 Chemical residue	16.42%			1.463	1		7000		346 VO	١.	9.76%	36, 33\$			100,00%		3 0
idiffaste from food production	•	•		٠	100.003		2	ļ					13, 04%		86.96%		0.00
Illinete similar to domestic wa		•			100.00%		0.015				AUB UF	×70 0	,	•	100,00%	9.04%	0.06%
19 Anies menitos		·	•	•	100 001		0.19%				200 100	١	,		100,00%	l	0.043
	  -			•	•				, OO. OO.			1		ļ,			
14 14 14 14 14 14 14 14 14 14 14 14 14 1		ŀ		,	,			,			100	ļ			200 00x	S00 0	0.0%
14 CLIRES AND CCIRICS		]. ].			X00 00X	•	0.14%	•	•		100.003			200	l		1.0
IS SETAL AND SCTUD		27.7			\$8.43 <b>%</b>	ļ	0.47%	•	0.12%	•	33, 888	3		100	200 000		000
6 Paper and cardboad	.	90			28C CV	,	0.01%			•	100,00%		·		100.00		200
17 Plastics	-	X72.72			100 000		300 0	,		  -		•		٠	,		0.00
18 Rubber					100.00		250.10		Ţ.			,	•		100.00%		
19 Territie	•		  -		-							•	100.00%		-		0.00
20   sather	•	•	-		100,00		C: 103							,	100.00	0.003	0.00
91.8000		•		'		·			•				ļ.				
Colfornition and denotition					'	j	,	•		210 01	XV 4.0x			,	100,00%	188 66	98, 99%
99 4444				•	100.00\$		97, 16%	·		43.0			,	,			
04 04 04	  -  -		•				۱		١	400 VC	30 K Ch	l	0.02%		\$50.66	Tx00 '001	100,002
Calourals	0.00%	0.01%	1 0.02N		99.97	0.00	100.00%	C. 033	32, 503			100 00%	-			l	Ì
Con Control	0.10%			0.01					١				l				
DAC, TOTAL							i										

Results of survey (Storage period)										į			Canad Total
Storage Period (ton/year)			Loon				Chinandega			Cyranaga			100
WASTE TYPE	Annually	Daily	Monthly	Weekly	Total	Daily	Weekly	Total	Daily	Monthly	Workly	Total	
Asido		0.3	т		0.3	0.3	•	0.3	•	•	1.8	1.8	2.4
Alleden						0.3	,	0.3			•	•	0.3
Amina		130.0		'	130.0	4.0		0.4	232.0	•	•	232.0	366.0
Ach combuston condition						ľ	180.0	180.0			•		180.0
Caronesee						1.5	ľ	2.7	265.0			265.0	266.5
Chemical residue	2.0	10.2		•	12.2	•	,	-	1.5	•	54	1.5	13.7
Dust	'	11.5	2	1.8	13.3	•	-		•	•	7.3	7.3	20.6
Losther		0.96		10.5		•	·	•	109.0	•	1	109.0	215.5
Metal and emin	0 1		0.96		97.0	20.0	•	20.0	٠	•	0.2	0.2	117.2
Olympids Olympids				40.0	L		•	•	•	•	•	•	40.0
Done and conflicted		2013		16.6	Ľ	0.1	86.0	86.1	•	192.0	0.011	302.0	706.0
Oleges		41	7.0		L		10.0	10.0	•	•	0.2	0.2	19.2
Dukhas		į.				,		·	•	•	•		24.3
Shidos				1				Ī		•	•	•	60.0
Tavitia					L	•		Ī		0.3	-	0.3	0.3
Weste from food production		8.0		1.090.0	1.098.0	270.5	3,055.2	3,325.7	10.0		-	10.0	4,433.7
Waste similar to domestic waste	<u> </u>	8.5			5.5		-	•	•	6.0	6.0	6.9	15.4
Woter		65 630.0		,	65.630.0	5,525.9	·	5,525.9	561,935.0	•	•	561,935,0	633,090.9
Wood					•	•	-	·	•	•	0.2	0.2	0.2
Grand Total	3.0	8 561 99	103.0	1245.2	67.547.0	5,822.5	3,331.2	9.153.7	562,552.5	193.2	125.6	562,871.2	639,571.9
Comme Town													

Storage Period (Ratio)			Leon				Chinandega			Granada	ada		Grand Total
WASTE TVPE	Annually	Daily	Monthly	Weekly	Total	Daily	Weekly	Total	Daily	Monthly.	Weekly	Total	
Acido	ľ	0.001%	•	ľ	0.000%	0.004%	ľ	0.003%	'	•	1.434%	0.000%	0.000%
Alkaliec		•						0.003%		•	•	•	0.000%
Animal manure		0.196%			0.193%	0.069%		0.044%	0.041%	•	•	0.041%	0.057%
Ash. combustion residue	'				•	•	5.404%	1.966%		•-	•	٠	0.028%
Carcasses	1					0.026%	٠	0.016%	0.047%	•	•	0.047%	0.042%
Chemical residue	66.667%	0.015%	100		0.018%				0.000%		•	0.000%	0.002%
Dust	•	0.017%		0.145%	0.020%		•	-			5.814%	0.001%	0.003%
Interior		0.145%		0.840%	0.158%	Ī		•	0.019%			0.019%	0.034%
Metal and serup	33.333%		93.204%		0.144%	0.344%		0.219%	•	•	0.120%	0.000%	0.018%
Oily waste				3.212%	0.059%	•		1	•	•	•	•	0.006%
Paner and cardboad	,	0.455%		1.333%	0.471%	0.002%	2.582%	0.941%	•	%166.66	87.615%	0.054%	0.110%
Plastice	•	•	6.796%	0.161%	0.013%		0.300%	0.109%	•	• , ,	0.120%	0.000%	0.003%
Dubber				1.952%	L		-				•	•	0.004%
Sudoe	-		-	ľ	L	•			•	•	•	-	0.009%
Textile				•	上	•			•	0.140%		0.000%	0.000%
Waste from food production	<b> </b>	0.012%		87.539%	1.626%	ı	4.646% 91.715%	36.332%	0.002%		•	0.002%	0.693%
Waste similar to demestic waste	  -	0.013%	•		L					0.466%	4.779%	0.001%	%200'0
Water		99.145%	•	•	97.162%	97.162% 94.906%	ľ	60.368%	%068'66	•		99.834%	%286.86
Wood	•	,					Ī	Ī	•	-	0.120%	0.000%	0.000%
Career Total	0.004%	%000 X6	0.153%	1.843%	1.843% 100.000% 63.608% 36.392% 100.000%	63.608%	%Z6E 9E	100,000%	99.943%	0.034%	0.022%	100.000%	100.000%

¥
¥
¥
×
3
- 5
- 2
- 2

Control   Cont				İ							,										
This continue   This continu	see Metod (ton/vear)			١			ļ	T	I	Г	ľ	1	Γ	Tet	E O			000	Yw.	(88)	
Control   Cont	STE TYPE	Dece	Carbape hae	1	١			Ţ		7	Ī	K	ŀ		6.0	1.*	•				<u>.</u>
10   10   10   10   10   10   10   10	de	ľ			•	•	6	ŝ			†				10		-				
Comparison of the comparison		ľ		•	•	•		-			-	,		-			23.0	-	  - 	232.0	0.54%
Column   C		ľ		•	·	1360	•				**	٩			333	+				-	0.0041
Column   C	annual Cu			•	ŀ	٠			-	-	1	0.00		1	190.0	-		ľ	26401	0.695	0.000
Control   Colt	Combination residue				ľ		·			ŀ	•	1.5	-	•	2	1				L	
Comparison   Com	Casach		1			1	90		†-	-	ŀ		•	•	•	•	-	2			
Column   C	mical neidue	2.0				7,0	2	1	1	1		-				7.3	•	•	-		
					•	•	2	13.3	•			-	-			-	ļ.	109.0		109.0	
Column   C		0			•	98.0	1	196.5	,		+	-	1	-	000			0.2		0	0.2 117.2
	The state of the s			0		-	•	0.70	٠	•		007			2				•	ŀ	0.04
Color   Colo	A and serve					•	<u> </u>	0.07	ŀ	•	-	•		•	•	•		1		0.000	
Column   C	rwesto							217.0	9		ŀ	80.0	*	•	¥					1	
Columnity   Colu	er and cardhoad	100	1	11.0				00	ļ	-		0.0			10.0	•	-	2.0		l	
Columbia   Columbia	Hick			9.0				<u> </u>	1	+	t			•	•			-	-		1
Color   Colo	thest	•	•	3.3	•	e l			+	+	1					,	•	•		-	
Columnic   Columnic	dee	6.09	•				•	0.03	+	+	1	+	1		1		50	-		0	Ţ
	11010			٠	-	•		•	•	-	•	-		L	23067	0.01		-	-	٠.	10.01
1,	the front food senduction	]		1.098.0	·	-	4		•	12	+		0.70	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			00	-,	•	150
Total   Colored   Colore	The state of the s	ž		Ī		Ē		Ц	1	1				1		25	-	Ŀ	0.550	0.550 195	\$000,650 0.
Fig. March         Column         Col	of supplied to designative water			ľ	ı	27.630.0			2,725.0	•	r	2,76 4.0		1	2,525.9			١.		ļ.	Į.
Trial   Late				ſ	l	١	•	-	ŀ	•		•		1				J.	4.4.4	C 173 CA2 1 0 CA2	91 6395719
1.00   1.00	De	9747		11370	Ĺ	27.877.2	23.8	0.74.0	2,735.1	£1	2.	6,235.1	162.0		4133.7	2	275.2	Ĺ	144.0	100.0	I.
Fig.   Winter]   April   1/2	evel be	0.074		1			1		ç	_	,	3.452.1	162.0		1,627.8	25.1	2.2.3	777.7	N.Cay	l	Į
Part   Part	d (Fixe, Water)	426.0		_		7															
											ľ							Grenode			Grand Imal
Column   C	ee Metod (Ratio)				t ere			Ι		- 1		Į	l	To	ŀ			١	Tank	Total	
1,1774,   0,0004,   0,1004,   0,0004,   0,1004,   0,0004,   0,1004,   0,00	cm: TVUE	- B	Carthage has				Tank				۱	1	١	2	1		U	Ι,		*000°	60000
InterNate   Control   Co		ľ		I.				<u>.                                    </u>	-	1	•	0,600	•	1	D. O. C. C.					  -	0000
1	3					ľ		·	•	•		0.004%	,		2000	l			-	2000	L
1,000,000   1,00	) little					2000		1	ŀ	<b> </b>	000 00	0.075%	•	•	0.044	ļ	29. R.M.				L
1   1   1   1   1   1   1   1   1   1	mai marker		֓֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֡֓֓֜֜֜֜֡֡֡֡֓֜֜֜֜֜֜					ı	•	-	ŀ	2.846%	- 1	٠	1. Caragana	•	7	1		•	١
0.470%   0.470%   0.047%   0.017%   0	combustion residue							1			ľ	7.7700	_		0,016%	•	•		9.047	3	ļ
0.470%   0.470%   0.000%   0	Caption						1	1	+	1			,	-	-	_	-	0.676%	-	0000	
100,000%   100,000%	mrcal readus	0.470**	1	•		000	١	1	1	1	1					% PRO 62		•		-1 0,001%	
2.450%   0.005%   0			100.000	•				- 1		+	+				-			49.132%	•	- 0.01	
Company   Comp	ther.	2.456			1	0.344		0.15	+		1	Table 0			0.23			0.003	7	-0000	0.00
1,000   1,00	tal and section	ľ		*680°0		•	•	0,164	•	-	1	2770						Ļ	·	,	- 0.006
1,000%   1	Vestin	(6) 6			-		•	0.050%	+	+				+	20.000		١	40.5834	ĺ	100.000% 0.054%	L
4 (b) 600%   6 (2004)   6 (2004	me and somthoned	71.603		L				0.471%	0.223	<del> </del>	1				1			O Design	•	-0000	2000
14.000%   14.0	and the case of th			0 10	ı	 	L	0.013%	0 146%	•	ì	0.097%	ŗ	-	6.103		1			ŀ	L
14.0000%				27.0		0.075%		0.036%	ř	!			-	1		1				-	0000
190004   1		14 646.9				ľ	<u> </u>	0.010%	+	•				+		+			1	10000	
1,000.00	250			<u> </u>	ľ	•				•	1		•	,	١	•	2000	1	1	1.	Į
1,000/04	ULING			L		<b>]</b>				100.000%	•	30.884%	2000.001	,	1	70.KI	-		1		ı
100,000%   100,000%	ale from food production								٦	ŀ	ŀ	7	-		_	2.98		1		Į	l
0.603% 1.602% (6,401% 4.1.273% 0.0037% 1.002.000% 27,890% 0.013% 0.0056% 0.7890% 1.770% 0.414% 100.000% 0.004% 0.004% 0.004% 0.004%	ale similar to demestic waste	COCO :			ı			200	20,000	-		44.456%	L		60.76F	-	7	ı	95 043V	A 8 64	
0.631% 0.003% 1.607% 0.641% 41.231% 0.0537% 100.000% 20.850% 0.013% 0.053% 0.053% 0.053% 0.053% 0.053% 0.053%	tor				1	1			t		ŀ	ļ.	ļ. 	ļ.,	-		ĭ			- 0000°-	- 1
1000 0 10	po		١	ı	1			1000	SO VENTER	\$100	0.026	67.898°	1.770%		9600000	1				0.034% 100.000%	100.000
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(mand Tota)	4(19.0	ļ		j	100		100,000	A 000 A7	1000	7,000	2 2	4		100,000			23.696%		20,300% 100,00	

#### Transport

Reslut of Survey (Waste Transportation Method)

Transportation (ton/year)		Leon		China:	nocga	<b>.</b>	Granada	_	
WASTE_TYPE	Municipality	Own means	Total	Own means	Total	Municipality	Own means	Total	Total
Acide	•	0.3	0.3	0.3	0.3		1.8	1.8	2.4
Alkalies		•	·	0.3	0.3	•		•	0.3
Animal manore	•	130.0	130.0	2.8	2.8	232.0	-	232.0	364.8
Ash, combustion residue		•		180.0	180.0				180.0
Carcasses		•		0.8	0.8			•	0.8
Chemical residue	-	11.2	11.2				1.5	1.5	12.7
Dust	-	13.3	13.3		•	•	1.3	7.3	20.6
Leather	10.5	96.0	106.5	•			54.5	54.5	161.0
Metal and scrup	-	-		20.0	20.0		0.2	0.2	20.2
Oily waste	•	40.0	40.0	-	:				40.0
Paper and cardboad		24.1	24.1	86.1	86.1		96.0	96.0	206.2
Plastics		1.0	1.0	10.0	10.0		0.2	0.2	11.2
Rubber	-	24.3	24.3						24.3
Słudge	-	60.0	60.0	•		٠.		•	60.0
Texitile	-	•			•		-	•	
Waste from food production	•	1,098.0	1,098.0	1,816.1	1,816.1		10.0	10.0	2,924.1
Waste similar to domestic waste	-	8.5	· 8.5		: •		6.5	6.5	15.0
Water		65,630.0	65,630.0	5.525.9	5,525.9		561,935.0	561,935.0	633,090.9
Wood	•		-	-	1		0.2	0.2	0.2
Grand Total	10.5	67,136.7	67,147.1	7,642.2	7,642.2	232.0	562,113.1	562,345.1	637,134,4
Exc. water	10.5	1,506.7	1,517.1	2,116.3	2,116.3	232.0	178.1	410.1	4,043.5

Transportation (Ratio)		Leon		China	ndega		Granada		
WASTE_TYPE	Municipality	Own means	Total	Own means	Total	Municipality	Own means	Total	Tota)
Acide		0.000	0,000	0.003	0.003		0.000	0.000	0.000
Alkalies	-	•		0.003	0.003				0.000
Animal manure	-	0.194	0.194	0.037	0.037	100,000		0.041	0.057
Ash, combustion residue	•	•		2.355	2.355	•		-	0.028
Carcasses	-	•		0.010	0.010	•			0.000
Chemical residue	-	0.017	0.017	-			0.000	0,000	0.002
Dust		0.020	0.020		-		0.001	0.001	0.003
Leather	100.000	0.143	0.159				0.010	0.010	0.025
Metal and scrup	•	•	. •	0.262	0.262	•	0.000	0.000	0.003
Oily waste	7	0.060	0.060	1 1 4	-	-		-	0.006
Paper and eardboad	-	0.036	0.036	1.127	1.127	•	0.017	0.017	0.032
Piastics	•	0.001	0.001	0.131	0.131		0.000	0.000	0.002
Rubber	-	0.036	0.036					-	0.004
Sludge	-	0.089	0.089			-	-		0.009
Texitile	-			•		-		1	
Waste from food production	-	1.635	1.635	23.764	23.764		0.002	0.002	0.459
Waste similar to domestic waste	-	0.013	0.013	_	1	-	0.001	0.001	0.002
Water	-	97.756	97.741	72.307	72.307	-	99.968	99.927	99.365
Wood	-	•					0.000	0.000	0.000
Grand Total	100,000	100.000	100.000	100.000	100.000	100.000	100.000	100,000	100.000
	0.016	99.984	100,000	100.000	100.000	0.041	99.959	100.000	100.000
Exc. water	0.689	99.311	100,000	100.000	100.000	56.578	43.422	100,000	100,000

	•																		
Besults of Survey (Seneration amount (ton/year))	m assumt (Ton/year))														Grandon				·
~			WC-31							China China China	, of h(o)	ě	Secturity and	DECIMENT TO	Bungerpality in	discharge anto Discharge to Janaarapaiaty in Othera Sold to the oth Grana	the otherwa	lote   Ota	
Type of vaste	Discharge anto Discharge to Land(1)	to tand:	MULICIPAL: TY JA	dunicipality la (Thera incrysie 3030 19 1 Leva	30.00		DECIMINE THIS	JUNEONINE THIS DISCHARGE TO SECOND		0.081		0.0							
HASE COMPASSION TRESSOUR				•		l	-	-		,		-		•	1.3	,	,		100
	31.5	4	•	•	<u>'</u>		•	1			·		•				ì		1
Victor from section	1						1				)  -	-				-	-		3 77
200	·	-	0.09	•	•	90.0	•		•				,	•					·
7, 7, 7	·		•			l						Į.	·	٠	9	-	•		y C
2 4-10-	0.3				-	0.3	60	•	•					١		1		•	0
3 111				•	•	j	3	1					•	ŀ	•		-	-	40.0
Carling a			0.0%			0.00				1	  -  -	l	. 5.				- 1	3.5	
	12.6	ŀ		0.2				4			,	į.			10.0	•		15.	. 433
Contract the second sec	0 *		1,090.0			,	762.5	-	5.00	7.88	1			i	6.9		•	6.79	4.0
District Land Cook Burger Flori				•				•		-	1		ľ	ŀ	9.50		-	10.25	0.75
Paste \$161 /8? 10 press   J.		5				0.081	,	7.7	3.6	,	l						9 3 %	76.5	7
12 Anste Manue		ì		l			ŀ		1.5			-	·	•			1	, ,	
13(Carcases		ļ					•			,	•	-	·						
Id Kilags and Ceraion					ľ					0 1/6		L	•	-		0.2			
TATION AND SCREEN		-	•		300							٤	•			192.0	110.9	0.0	0.00
16 Paper and Cardinad			9 9 9							E S	ľ	L		ŀ		0.7.1		7	<u>.</u>
		-		•	- 10	0.0	-		-	7.7		l				,	-		
I (Cinst)Ca		l			ŀ	24.3											9 0		20
18 kubber				ļ		ŀ	,	•		•			1	1				1,000	í
19Tentile	-	_						•		•		•		-	0.0				1
2014 partner	•	96	10.5		;	2.44							•	•	•	0.5			1
100		,		•	•	•	٠	•		-			ľ		•				•
CC.		l				•	•	•	•	٠		4					1	1 202 1	7 190
22 Construction and percelation	-	1		ļ		9 942 32	C. ARK A	ŀ	•	· 37	37. 4	5, 5, 5, 9	V. 1.75. C	3				1	
23 Tater	57, 630. 0 8, 000, 0	0.0	1	•		W. W.	,				ľ	;	•		•		. 1	4	
2. 10 to					- 1	1		1	, ,,,,,	L	0 /0	9 154 3	G. 756.5	382.0	0.36		375, 3, 1, 56	3	3
	0 000 x x 000 0	1 266	1 751 0	6.0	0.00	67.54.0	5, 651, 6	_	* M	2	l	ı			9	ŀ	575.5	ļ.,	0 ×
CHICA STATE	1	L	181	1.5		0.16.	163.0	7.1	0.004.4	*		4							
ACAC, WATER	21/2		l		ı														
									Charanteria	,									
			į					The state of the state of the state of	11.01	Alol of various	01 0(0)	G tot Willow	Inspirate hery in Tothers (Sold to tiChina, Tot Discharge jeto Discharge	hackerift to	to function its in (where		Sold to the otherwise, join ju-		
from of spate	Prachange anto Dischange to Landfil Joursephility is Others Hecycle Sold to theon	To Landii)	SUMPOSED IN THE	1 Uthers Heers	S P P	3	WILL TANKE	Taring to a		100		4.0		•					2
l				  -			•	•	•	177					100 003			V 00 V	V 634
TURE CARROLL TO THE PARTY OF TH	2, 70	10.3			ŀ.	0.05													
Z Date:					•						,		-						0.00
Sister from medians			۱	l		400 0		-				-		•					
4 Studge		Ì	W OV	,	į						ŀ	-						,	
fall Ambren team		•										(0)			8				3
S. L. Schi	- 00.001	•	•		•		3					Jan 18		ŀ					3
	,	•				-	100,001	1			1								0.03
10.00			100,008		•	<b>3</b>												P. 0:03	000
- C C 2 3 4 5 5 7 C	700 00			F	·	0.029		,	-	-	•	١	100.00		187 (48)			\ \frac{1}{2}	44
Sichesica residing	l		200	1		129	4.883		£0.741	. 2								1, (Jm	C fifth
Dilegte free food production	- 40			١				ŀ			•		•		CDO ONE	١			
litheate elector to domentic va-			١	ļ		or o		10 V	10.07	-	•	ð				İ		5	ĺ
12 Anythat Theorette	,	96,00		,	ļ				10°			0.0				,	100,000	0.030	ž,
111/ 000000000	,	-				·							ŀ	ŀ					
College and College				-	•		1	•		100 000	1					100,00	_	0.00	(1)
	,			W - U	48.974 1.039	0. )41				EST VA						197	(C) >2	0.0	9
S SC COL LAND SECTION	,	ŀ		-	J	0.471		,	į,	<b>S</b>	•					10, 00		Q (0.18)	(Qr)
TOTAL SELECTION OF THE PARTY OF		ľ	March Con-	l	77 7HB			•		£. 003	•					*			ų,
7 Plastice				l				-  -								'		20,000	3
18 Pyther		1	100.000	I	ļ			-	,	L.	,	•			4		3W W.	5	3
gifexytile.			'	١		ľ		<del> </del>		-	•	ŀ	_	•	100,00			200	á
20 Leather		90, 15%	9.23	٠	•	100						,	,			100.00		<b>6</b> 0	Š
21 Tool								1					[						
2017 (contraction and cham) 11308		-	,			·		1	•				0.0 0.0	40.03			ŀ	\$1, 2, 54,	85 16
30,000	87. H33	- 188				57, 161	6			1	. nu				•		-		ļ
20100	l	ட	ŀ								١	ı	WANGE CITY	l	l	0.638	1000	00.00	100.00
1	11 3/4 5X	\$7.0 \$7.0	1.854	0.60%	0,14% 0,46%	100 00%	6 745	0 03	12.63	3	200	100	2		to.	199 06	6 OF	60 00	100,000
(A) (VIIIV) (QUE)		1	ľ	1100	ı		169	0 031	13.13	1	1	1	V. 1001	1	A 4 1 1 1 1	1.22	-0.4 -A	(10) × X.	

											11500381													
																			- Transco				ľ	1
in Amount ton/year				, Cu		-			ļ		ŗ	1	ŀ						State and State	Ser Conserve	Society the engineering letter to	The factor of		
was:c	PERCONER 1976	DINCOMPRE 1910 DINCOMPRE TO LANGO BUNICATION OF TA POPPER	Course	Christian	. In Others	- 1	Keengle Note to them to	10 WY	CTUE SCHOOL SUITS	ULTO TANGETON TO TO		1	V 25. W. 17. W.		100	5 00				•				j.
and the state of							•			,		-	1,10.0			300	•							4
			1			,	•			ļ.,	-					•								ſ
						l									,		•	• .	,					I
2112 00										-							ŀ							
					٠ چ		•	2					•	,		•						-		•
					ļ	ŀ	•			-	•		٠											ļ
	1		•					ľ								٠,٠	ľ			1				
	104				-											ļ		ľ		•				
		ľ		L	ŀ		•				•	•					۱							
					,		ŀ	98		-	-				-									ļ
					1	l	l						•			,		•	-					ļ
an president	9.5	,		-	ं		<u>'</u>								,	1	ľ		Ĭ	10.01		نو. 	0.00	30
And the second	~ ~	_		1.000	Ļ		•	20.		5.70		300.6	100		7	2.0							_	9 5
TOTAL PROPERTY.	X				-	'	ŀ	*			-		•	•		•	•	1		ŀ			ľ	J
SIBIJAT 10 CONCRISE PR						l					-	,	•	•	-	2. 8. 1		•	1	32,0			]	
##Unite			- 1.00, 0			'		(all lanes									  -	ľ				_		-
			٠		•							2 2								'		-		·
**************************************			ŀ										·		ľ	•				6 7		-		٥
			•		ŀ	•				•			.0°.		1	3	١			ļ				į
RING SCHUZ					ļ	ľ	10.0	2				9 1	0.38			F6. 1				,				J
and cardoond								-					V V.				•	•		2		5.5		
					-								A - A	1		,								

Compared   Compared	Ca	1 K % 6		8 257	7	6	*	10.0	5)7	163.0	1					4							
						ı																ĺ	
	•											ľ	THE TRANSPER						.5	ESPECIE CONCIN			
Comparison   Com									Ţ		A STATE OF THE PARTY OF THE PAR	1	Thursday.	100	P (%)	ľ	Tot Discharge	31 to Discharge	TO BUDGING	ty la Other	Sold to the o		<b>1</b> 5
The contract   The		Dischage into B.	acharge to LA	POTAL MUTICION	7 1 1 1	17675	300	100	3			1		100		١.				-	,	•	
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	Ash combustion residue	-	•			1	•					1					•			0.004		3	ż
100,004   100,	22-1	78.33%		2, 69,		·	•			1			-				ŀ						
Comparison   Com	Sing from militiae	·				•	•			•			·	1	1							ļ,	
Columbia   Columbia	Sludes		•		100 00	٠	•	•	0.09	ļ		•		-	1							ļ.	
100,000   100,	Achenica		,	•		•						•	•	-	1					ı		W .	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Column   C	to ide	100,004			t	-		ŀ	100.0	106.601		•		-		تا ا .	600	1		l			
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,				•		-			L	100 CO		•		-	-	ت	·	·	•				
Color   Colo	X12, 22, 22				100.003	-		٠	6, 0ek		,	•		-	1			1		l		~ .	
Column   C		45.9 NO				19			0.0	1	,	4			-			Jr. 001	•	100		518	
Control   Cont	2000				40 274	-			. 631	6. 95		1.24 t	100	5.95%	•	4,44	-						Î
1,193,   1,193,   1,194,   1	THE LEGIT TOOL DISCOUCESON	l			100	-		ļ	  -	-			ŀ		·		•	•	_	000	,	). (	
Column	tagte alexiat to describe en				1	-	-	1			55 GP	L		ŀ	<u> </u>	.0	038		. i	0,003	,	3 3	
CODE         CODE <th< td=""><th>(filling) memore</th><td>·</td><td>-</td><td>1</td><td>1</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>į</td><td>100</td><td></td><td>-</td><td>٥</td><td>100</td><td>•</td><td></td><td></td><td></td><td></td><td>ð</td></th<>	(filling) memore	·	-	1	1	1						į	100		-	٥	100	•					ð
Color   Colo	Carrasses						•	<u> </u>				1		-				•		L			·  -
1,253   1,254   1,245   1,044   1,04	Class and certifics			-					$\frac{1}{2}$	†		-	-[	20.00		•	1	  -		1,000		ن. د	e E
100   100	leta, and acrup		L .	•			,			1				3 3	1	*				8		- 0.0	٦
15   15   15   15   15   15   15   15	Paper and cardboad				58.538		_	1,491	( ) ()	1					-	ļ				ů.		0.0	,
1.00   1.00	Pagathera				100 001				0,00%	•		•	1	200	+								-
13.15 (2.14) (2.	lubber	,	,		160 001	L	-		6,04%]		٠		-		1	<u>' </u>	·						
13.54   11.45   16.00   14.15   14.15   16.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   15.00   14.15   14.00   14.15   14.00   14.15   14.00   14.15   14.00   14.15   14.00   14.15   14.00   14.15   14.1	Texatile		L		H								1	1	1	·[	. .			A 664		0.0	0
(1.5) (1.5) (1.5) (2.7) (2.7) (2.7) (2.7) (2.6) (2.7	Jesther		•	( )88	. 831			•	5			•	,	1	1				]	_		2	1
## mad demol/1909 [2,130] [2,	Total	•	_					•		1		1							-			,	ŀ
\$7.304 12.94 (2.00	Construction and demolition	-								-		1	1						0.00			9 0c	l
1.18 1.18 1.18 1.20 1.18 1.20 1.18 1.20 1.18 1.20 1.18 1.20 1.18 1.20 1.18 1.20 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.1	later	67.83%	12, 19%			-		,	97. 168	99, 375		·	•	7		8		ľ			  -	.	
1.33 1.358 0.34 1.358 0.00 0.058 0.000 0.0	Crimers	-	Ļ	•				ı	-			ı		1	ı	ı		l		ľ		300.00	
1.713 [5.074] [5.074] (5.644) [90,000] (5.105) (5.105)	Grand [ota]	85.87	ı	34.0	1.56%			1	00 00	(3.92)	M S	ı	100	1	1	ı		ľ		Ĺ		190, 60	3
	Var. Bayer	1.715		5.078	82, 55				00,00	7	5		5	188	ı	ŀ	ļ			1			

Pecycle Anount (10n/year) IN IV	N. F.										5	Comments						VERDINGS				
					La Cohago	1	2. 5. 7.	Ī,	Startage 1910	Prachatac to	1	41.14	Je Orlege	Sold to the oth	others brach	Буястылустия Вуястия	9	Bunnerskilling Salphorn	Canera So	Solo to the others		
Wilke of wate	Company of the control of the contro	CONTRACTOR TO		11 11 11 11 11 11 11 11 11 11 11 11 11	E VIII C	1		Ī			,  -						•	,		1	1	
Ash, commention regidue			•			1	Ì								ŀ	•	•				•	ሳ
Oust	3.0	,	٠			,		7			١		l				•	,	-			
Sing (res me) tang		•				-	÷										ľ	ľ				
Shalde	ľ					,		•	•				1	·					l			
A4344 CM							•							1					l	ŀ	ŀ	
Acide							•				;		1	,	,		†		L	-		
Alkalien														1			ļ	ľ	Į.	ŀ	-	
RION IN COURT		ľ	ŀ			ļ							1		-	1			L		-	
Cheesen Persons	-	ľ	•				1	),0 (	,					إ						ļ		Š
Manager (res , fresh sector) and a											9 (04)				0.85						į	\ 
			ŀ		ľ		·	•		_	Ĺ						·	3				1
THE RESTREET TO COMPANY OF								ŀ	ľ	(	·				1, 2, 1		-					
Anima) manure					1	ĺ		İ							. 0	•	•	•		555	355.0	3.5
CATCHESTER	,	`												•		ŀ	•	•	•		•	
Ags and permitted		•			,	4	-						1				ļ.		-	-		0
Hetal and serve	•		,		•	96.0	1.0	3					1				t:		š	0.931	. J.Q.	35
Paper and cardbond			•	2.5	5	•	291.3	3								1	ľ	•		ŀ		
Plastica					,	-	7.0	o M					1		1				ļ		<b> </b> .	
Reboer					•	·	•								1		†			. 0	. 0	e
14 [61:15]			ŀ			  -					1		1	•			1	1	L		,	3
As the r	ľ	ľ	,		_				'				1				†		l			
21 Torse			•		•		-						1		1				L	ŀ	ŀ	
Construction and denolition		Ŀ	•			F:	<u> </u>	•					ļ	'n	•	•	1					
		ľ	ŀ			·	•		•				•	•			1		ļ			
37.0			ŀ				ŀ	١				-	-		•		·	'				ľ
J. Martis				ľ	,	L	7,004	Į			0.08			0.6	511.5		-	3	э.	-	9 4	•
UFARC OUR	A ·		١	j	l	1	1 000	4	ľ		C. (S)			0.6	1,511,51			Х	10.00	350 31		1
	-	•									֡											

6.3 000 1.8 0.18 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Disposal Method (all waste)	waste)		T. 44.5.4	Non-biodegradable	ole Putrescible	V/K=	NH Total	Total
Discharge into Enviro.   0.3   0.046    0.10		Disposal Method	Year	- 1	Target Coop to the	٦	8		57655.8)
Discharge to Sewer   8000		Discharge into Enviro.	0.3	57646	0/2				8000
Landfill   Landfill		Discharge to sewer	0008	0 0	8000	0	0 0	30	997 8
Municipality landfill			0	نــا	133		ŀ	06	0 0 00
Catherist Paristy Landfill   Catherist Paristy Landfill   Catherist Paristy Landfill   Catherist Paristy Landfill   Catherist   Catherist Paristy Landfill   Catherist   Cat		Lendilii		13.4			63.	1234.96	1246.30
Recycle		Nunicipality languill	D C	200		0	0 0	0	0. 18
Sold to the others   Color of the contents   Color of the color of the contents   Color of the contents   Color of the contents   Color of the contents   Color of the colo		Others	0	0.10	01:0		0	C	Ĉ
Sold to the others         8000.3         0         57791.38         65791.68         81         1098         171.46         1530.46         677           Discharge into Enviro.         0         0.25 <td></td> <td>[Recvc] e</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>01</td> <td>0.</td> <td>0</td>		[Recvc] e	0	0	0		01	0.	0
Discharge into Enviro,   8000.3   0   57791.38   65791.48   0   2   102   2925.5   5550.5		Sold to the others	0	•					67149 14
Discharge into Enviro.   0   0.25			8000.3				į		1585
Discharge to Sewer   0   0   0   0   0   0   0   0   0	500	Discharge into Enviro	0	0	0.	2		0.000	6
Municipality landfill   200	, Su	Discharge to sever	0	0 10	0	0	7	7: 001.	21.000
Municipality landfill         200         10         37.85         37.85         6         188         0         194           Municipality landfill         200         0         37.85         37.85         37.85         0         0         0         0         0         0         0         0         0         0         45		Discharge to sere	0	0	0	о О	02	1503, 12	1203. 12
Municipality landfill         Z00         0         37.85         37.85         0         0         0         0         0         0         0         0         0         0         0         0         0         0         45		Landtill	0 000		1016	9	0 88	3	404
Others         Others         Others         Others         Others         Others         Others         45		Municipality landfill	2001	0100		200	C	0	37.85
Sold to the others         0         0         0         0         248.35         0         69076         5076         7393.82         76           Discharge into Enviro.         0         0         492678.5         492678.5         0         69076         0         182         0         69076         561           Discharge to sewer         0         0         0         0         0         0         182         0         0         182         0         182         68.3         310.3         182         10.3         0         182         68.3         310.3         10.3		Others	0	37.85		0 4	7		45
Discharge into Enviro.         200         0.25         48.1         248.35         6         5317.26         440.0         65076         550           Discharge into Enviro.         0         0         0         492678.5         492678.5         6         69076         6         69076         550           Discharge to sewer         0         0         0         1.8         0         0         182         310.3         310.3           Municipality landfill         1.8         0         0         0         0         0         66.45         96.45           Others         0         0         0         0         0         0         0         0         0         0           Sold to the others         0         0         492680.3         182.3         69318         164.45         69664.75         5623           Approx         1         0		Sold to the others	0	0	0		7677	2002	12 6435
Discharge into Enviro.         0         492678.5         492678.5         0         69076         0         69076         0         0         0         0         182         0         0         182         0         0         182         0 <t< td=""><td></td><td></td><td></td><td></td><td>248. 35</td><td>3</td><td>44 (0.</td><td>0000</td><td>١</td></t<>					248. 35	3	44 (0.	0000	١
Discharge first   Column   C		Nicotorno into linging	10	0 492678.5	7	0 63	0//6	03060	İ
Discharge to Sewer   1.8		Viscini Be Tillo Mittie.			10	182	0	18.2	791
Municipality landfill         1.8         0         0         0         0.3         0         96.45           Others         0		Discharge to sewer			0		Ŀ	310.3	312.1
Others         0 <td></td> <td>Municipality landfill</td> <td>1.8</td> <td>n i</td> <td>0.7</td> <td></td> <td>L</td> <td>96. 45</td> <td></td>		Municipality landfill	1.8	n i	0.7		L	96. 45	
Sold to the others 0 0 0 492678.5 492680.3 182.3 69318 164.45 69664.75 6966664.75 696666.75 69664.75 6966664.75 69664.75 696666.75 696666.75 696666		Others		0	<u> </u>	0.0	L	C	
1.8 0 492678.5 492680.3 182.3 09310 193.43 03021.13 03021		Sold to the others	0				L		
8909 1 0.951 550517.98 558720.33 289.3 73333.22[4809.31] (6403.03]			1.8	0 492678.5			ŀ		L
				l			22 4805, 51	(8403, 03	

Disposal Method (waste water)	ste water) Disposal Method	Corrosive (Read	ctive Toxic	Hazardous Total	Non-biodegradable Pt	Putrescible #N/A	Grand Total	
1900	Discharge into Enviro.	0		57630 57630	0		0	
***	Discharge to sewer	0008		008		0	0	
Total		8000	57	57630 65630	00	_		\$
Chinandega	Discharge into Enviro.	0				2725	2763 54	
-0	Others	0	37			ō		
Total		0	37	37.85 37.85			2763 54	'c
Granda	Discharge into Enviro.	0	492	7		92069	69	76 561753
	Discharge to sewer	0				0		
Total		0	492				0 69258	1
Grand Total		8000	550344. 85	558	5] 182	71801	2763 747	16 633090, 85
	(			88. 19%	×			
Disposal method (waste water /	Disposal Method	Corrosive Read	ctive Toxic	Hazardous Total	Non-biodegradable   P	Putrescible   #N/A	Grand Total	
1,000	Discharge into Provino	<u>من</u>	=	16 16.	3	80	1.5	5
	Landfill		0 13	1.8	8	0	96	96 227.8
	Wunicipality landfill	0		3.4	4	1090 63.	1.96 1234.	96 1248.36
	Others	0	0	0	0 0	0	0	0 0.18
	Recycle	0	0	0	i0  c	0	.0	0
	Sold to the others	0	0	0 0			10	
Total		0.3	191 0	. 38 161. 6	8 81	1098 171	.46 1350.	46 1512.14
				10.69%	9			
•				,		_[	1	100
Chinandega	Discharge into Enviro.	0	0. 25 0.	.25				0
_	Discharge to sewer	0	10	0	0	7.	0	
	Landfill	0	0	٥		3.02 1500.	1508.	1503
	Nunicipality landfill	200	0	10 21		188		4
	Sold to the others	0	0	0	0 0	5	4.5	Į,
Total		200	0.25 10.	25 25 210.5		192, 22 1707	5 1905.	22 2116 32
				9. 95	9			
pa-nu								
Granada	Discharge into Enviro.	0	0	1.5	5 0		0	0
	Municipality landfill	8:1	0	0	8	242	3 310	50
	Others	0	[0		0.3	0 96	15 96.	1
	Sold to the others	0	0					
Total		1.8	0	1.5			45	
Grand Total		202.1	0.25 173	. 13 375. 48	87.3	1532, 22 2043.	1.51 3663.03	3 4038.51
				808.6				

Report Data xis, hatardous Disp, 13/11/96, 3

(8)

# DATA 4

Data and Survey Form of the Medical Waste Management Survey

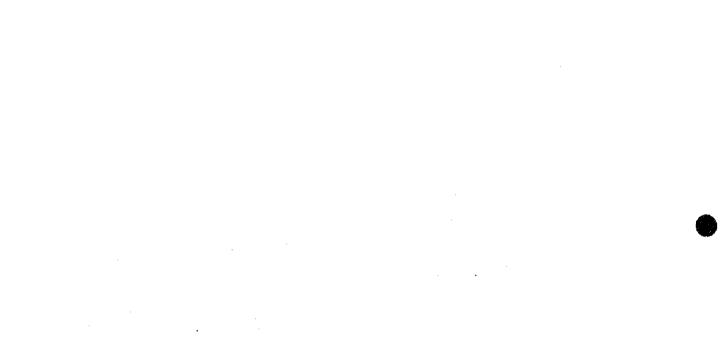


Table 4-1: Details of Medical Institutions in Leon

Medical	(1)San Vicente de Paul	(2)Oscar Danilo Rosales	(3)Rosario Lacayo	(4)Asistencia Medica del Occidente	(5)Perla Maria
1.category	Hospital	hospital	Sanitarium	Clinic	S/O
2.foundation	1957	1965		1994	
3.ownership	private	public	public	public	public
4.treatment rooms	7	20	\$	0	17
5.Surgery rooms	0	27	0	0	1
6.Smaller Surgery operation/y	0	3,331	0	374	approx.150
7. Greater Surgery Operation/y	0	4,911	0	150	0
8. Beds for inpatients	32	328	129	15	0
9.Beds occupancy(%)	09	80	09	п.а.	0
10.out- patients/y	26,000	56,605	4,496		73,300
11.doctor	8	107	4	28	13
12,medical assistant	20	46	0	0	8
13.nurse	5	67	34	14	3
14.Adminis-taration.	7	450	6	88	7.7
15.Others		407	0	0	42

Table 4-2: Details of Medical Institutions in Chinandega

Medical	(1)Espana	(2)Mauli-cio	(3)Robeto	(4)Villa 15 de	(5)Clinica de Asistencia	(9)	(7)Centro Medico flor de
Institution		Abda-lah	Alegre	Julio	Medica del occidental	Mauricio	Sacuan-joche
1.Type	Hospital	Hospital	C/S	C/S	Hospital	PM	Clinic
2.Foun-dation	1995			1980		1983	1991
3.Owner-ship	public	public	public	public	private	public	private
4.treat-ment room	6 spaces				80	3	7
5.Surgery room			10		2		4
6.Smaller surgery operation /y	430	211	-	09	288	72	50
7. Greater surgery operation/y	672	1,427	0	0	132	0	09
8.Beds for inpatients.	120	167	0	0	16	0	10
9.Bed occupancy(%)	78	na	Ö	0	100	0	na
10.out- patient/y	9,092	8,844	14,403	5,040	16,380	28,000	10.000
11.doctor	53	99	15	9	15	8	18
12.medical Assistants	0	38		8	9	σ	S
13.Nurse	128	·	14	2	<u></u>	2	8
14.administration	118	172	10	9	e	4	41
15.Others	79	87	19	+	4	<b></b>	

Table 4-3: Details of Medical Institutions in Granada

I

	Centro Epi-deniouslo-	San Juan de		Pedro Juaquin	Hermes Y	Jorge Simproso
institution	gico Inter-silais	Dios	Cociboica	Chamorro	Martin	Bravo
1 Type	Hospital	Hospital	Hospital	C/S	S/S	S/S
2 foundation		1891	1976			
3 Ownership	parastatal	public	private	public	public	public
4 Treatment rooms	6 spaces	ยน	12		1	6
5 Surgery rooms	0	na	2	•	0	2
6 Smaller surgery Operation/y	0	1,126	170	0	0	720
7 Greater surgery operation/v	0	1,765	220	0	0	0
8 Beds for inpatients	0	144	25	0	0	0
9 Beds occupancy(%)	0	66	0	B.C.	0	0
10.Out-patient/y	0	40,939	9,000	27,130	na	กล
11.Doctor	0	99	15	16	3	21
12.Medical Assistant.	13	0	2	0	0	33
13.Nurse	0	165	ស	24	9	9
14.Adminis-tration	15	55	8	8	6	na
15.Others	0	153	0	17	6	16

# DATA 5

Data and Survey Form of the Inundation Damage Survey

# 5.1. Questionnaire for Inundation Damage Survey

## Questionnaire for Inundation Damage Survey

The purpose of this questionnaire is to collect information about damage caused by inundation.

(In this questionnaire, inundation means what had you or your family damaged.)

Date.		No. of Location
Name	of Inte	rviewer Name of Interviewee
1.Have	e you s	uffered from damage caused by inundation?
	No.	
	Yes.	
If "Ye.	s", plea	ase answer the questions below.
2.How	v often	did it occur?
	a. m	nore than two times a year
	I	f "yes", please describe more precisely.
	b. o	nce a year
	c. o	nce every two to five years
	d. o	nce every six to ten years
	e. o	nce every 11 years or more
3.Hov	w deep	was the highest inundation which you have ever had?
4.Hov	w many	y days/hours did the highest inundation continue?

Please answer the damage caused by the highest inundation.

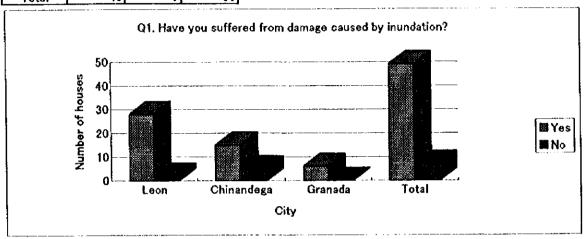
5.Was	your h	ouse damaged by the inundation?
	No.	
	Yes.	Which part of your house was damaged?
6.Were	e your l	household goods been damaged?
	No.	
	Yes.	What were your household goods damaged?
7.Did	your fa	mily suffered from disease caused by the inundation?
	No.	
	Yes.	
8.Did for so	your bi	usiness suffered from the inundation? (ex. You had to shut your shop down s, or you were not able to go to your office.)
	No.	
	Yes.	
9.How	v much	was the amount of the damage?
	a. 0-	-500C\$
	b. 50	00-1,000C\$
	c. 1,	000-5,000C\$
	d. 5,	.000-10,000C\$
	e. m	ore than 10,000C\$

# Results of Inundation Damage Survey

## 1. Have you suffered from damage caused by inundation?

Ans	wer
Yes	No

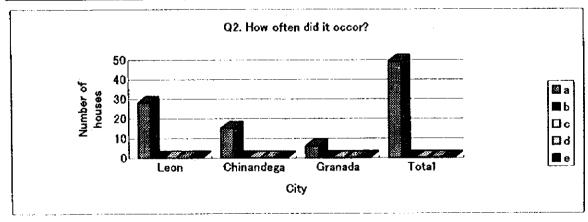
Q1	Yes	No	Total
Leon	28	2	30
Chinandega	15	5	20
Granada	6	0	6
Total	49	7	56



#### 2. How often did it occur?

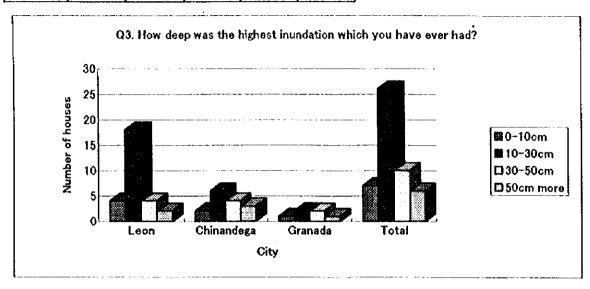
	Answer	
a. more than two times a year	b. once a year	<ul> <li>c. once every two to five years</li> </ul>
d. once every six to ten years	e. once every 11 years	or more

Q2	a	Ь	Ç	d	е	Total
Leon	28	0	0	0	0	28
Chinandega	15	0	0	0	0	15
Granada	6	0	0	0	0	6
Total	49	0	0	0	0	49



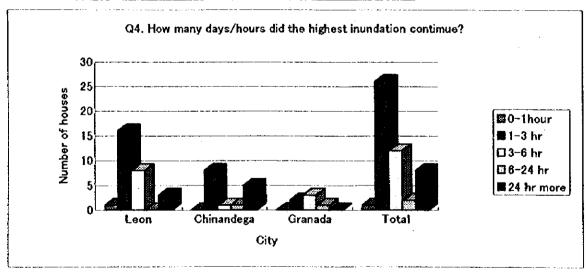
### 3. How deep was the highest inundation which you have ever had?

Q3	0-10cm	10-30cm	30-50cm	50cm more	Total
Leon	4	18	4	2	28
Chinandega	2	6	4	3	15
Granada	1	2	2	1	6
Total	7	26	10	6	49



### 4. How many days/hours did the highest inundation continue?

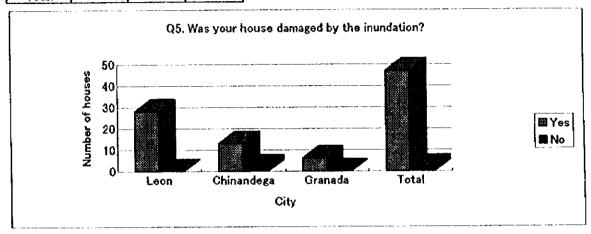
Q4	0-1hour	1-3 hr	3-6 hr	6-24 hr	24 hr more	Total
Leon	1	16	8	0	3	28
Chinandega	0	8	1	1	5	15
Granada	0	2	3	1	0	6
Totai	1	26	12	2	8	49



## 5. Was your house damaged by the inundation?

A	nswer
Yes	No

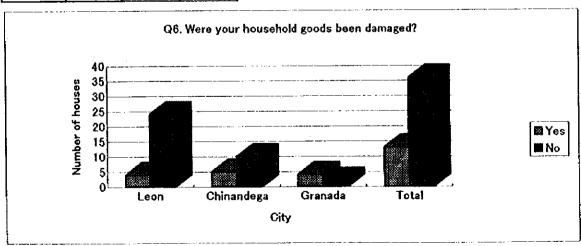
Q5	Yes	No	Total
Leon	28	0	28
Chinandega	13	2	15
Granada	6	0	6
Total	47	2	49



### 6. Were your household goods been damaged?

	Answer
Yes	No

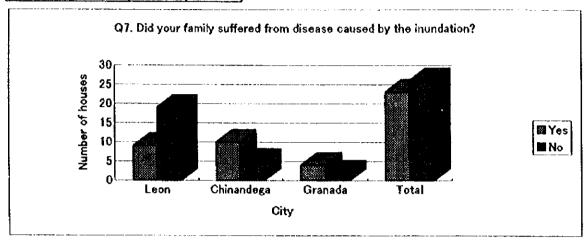
Q6	Yes	No	Total
Leon	4	24	28
Chinandega	5	10	15
Granada	4	2	6
Total	13	36	49



## 7.Did your family suffered from disease caused by the inundation?

	Answer
Yes	No

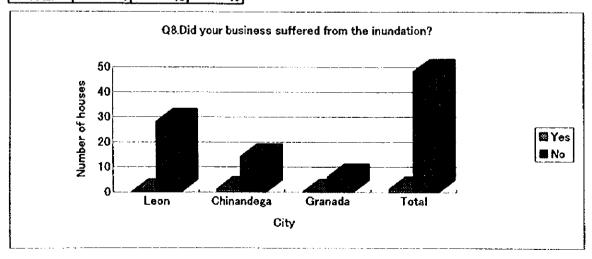
Q7	Yes	No	Total
Leon	9	19	28
Chinandega	10	5	15
Granada	4	2	6
Total	23	26	49



### 8.Did your business suffered from the inundation?

	Answer
Yes	No

Q8	Yes	No	Total
Leon	0	28	28
Chinandega	1	14	15
Granada	0	6	6
Total	1	48	49

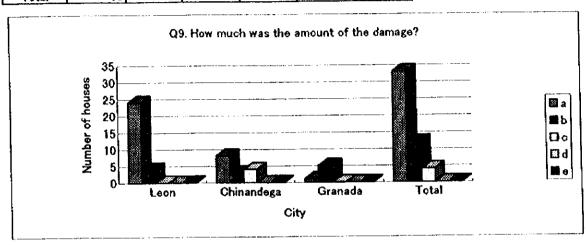


# 9. How much was the amount of the damage?

I

	Answer	
a. 0-500C\$	b. 500-1,000С\$	e, 1,000-5,000G\$
d. 5,000-10,000C\$	e, more than 10,00	0C\$

Q9	а	ь	6	d	в	Total
Leon	24	4	0	0	0	28
Chinandega	8	3	4	0	0	15
Granada	1	5	0	0	0	6
Total	33	12	4	O	0	49



## 5.2. Precipitation Data and Rain Intensity Curve for Leon

# INSTITUTO NICARAGUENSE DE ESTUDIOS TERRITORIALES DIRECCION DE METEOROLOGIA DEPARTAMENTO DE DATOS Y ESTADISTICAS

## CURVAS DE INTENSIDAD - DURACION - FRECUENCIA (IDF) ESTACION : LEON PERIODO 1974 - 1995

ELABORADO POR:

ING. ROGER VIDAL HERNANDEZ PEREZ MET. JOSE FRANCISCO MERCADO JIMENEZ

MANAGUA, SEPTIEMBRE 1996

INTENSIDADES MAXIMAS ANUALES ESTACION :LEON PERIODO: 1974-1995

	360	32.9	12.7	12.4	2.2	11.7	23.0	9.5	12.0	33.5	9.2	17.3	12.0	3.0	13.0	20.6	6.0	11.0	13.9	16.4	25.9	20.2	28.8		33.5	
	120	47.0	37.5	23.7	25.7	33.4	35.3	36.7	42.6	53.2	25.5	19.8	34.2	23.3	36.5	47.6	16.1	31.1	31.3	33.5	36.9	32.0	56.0		56.0	
N MINUTOS	09	80.2	63.2	61.7	37.1	54.8	51.9	61.9	82.6	64.6	48.0	42.7	64.2	34.0	67.7	57.0	41.7	58.5	52.6	0.09	62.8	56.6	80.0		82.6	
MAXIMAS DUBACION EN MINUTOS	30	120.6	78.8	72.8	65.0	130.2	81.2	88.4	116.2	85.6	91.0	77.4	88.0	54.0	80.8	75.0	73.8	92.2	76.0	76.0	89.2	88.0	94.0		130.2	
MAXIMAS	15	1440	133.6	07.2	117.2	156.8	99.6	130.4	121.6	117.6	124.0	96.0	111.6	71.6	102.0	110.4	91.2	113.6	119.2	79.2	125.2	108.0	100.0		156.8	
	10	153.0	148.8	2007	170.4	171.6	120.0	176.4	136.8	147.6	168.0	132.0	114.0	77.4	121.2	124.2	117.6	135.0	138.0	94.8	145 B	135.0	120.0		178.4	1.0
	u	2 63	15A B	136.0	100.0	186.0	122.4	237.6	153.6	2016	240.0	168.0	1488	1224	121.0	120 8	141.6	159.6	206.4	1164	160 9	2220	222.0	750.5	0,070	240.0
	O NICO	ANCO	1974	0761	1970	1078	1979	080	1981	Caor	1083	786+	1001	1000	1007	/08)	005	300	1990	1991	1992	2001	1994	2881		Z X

CALCULO DEL PERIODO DE RETORNO Y LA PROBABILIDAD DE OCURRENCIA PARA LAS INTENSIDADES DE PRECIPITACION EN LA ESTACION DE LEON

ſ	1	_1	_	_	-	_		-1		_	-1			-	_	-1		_					
	<b>ч</b>	23.0	11.5	7.7	5.8	4.6	3.8	3.3	2.9	2.6	2.3	2.1	1.9	1.8	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
	360	33.5	32.9	28.8	25.9	23.0	20.6	20.2	17.3	16.4	13.9	13.0	12.7	12.4	12.0	12.0	.11.7	-11.0	9.5	9.2	6.0	3.0	2.2
	120	56.0	53.2	47.6	47.0	42.6	37.5	36.9	36.7	36.5	35.3	34.2	33.5	33.4	32.0	31.3	31.1	25.7	25.5	23.7	23.3	19.8	16.1
SOLUNII	09	82.6	80.2	80.0	2.29	64.6	64.2	63.2	62.8	61.9	61.7	60.0	58.5	57.0	56.6	54.8	52.6	51.9	48.0	42.7	41.7	37.1	34.0
MAXIMAS DURACION EN MINUTOS	30	130.2	120.6	116.2	94.0	92.2	91.0	89.2	88.4	88.0	88.0	85.6	81.2	80.8	78.8	77.4	0.92	0.94	75.0	73.8	72.8	65.0	54.0
MAXIMAS DU	15	156.8	144.0	133.6	130,4	125.2	124.0	121.6	119.2	117.6	117.2	113.6	111.6	1.10.4	108.0	102.0	100.0	9.66	97.2	0.96	91.2	79.2	71.6
	10	176.4	171.6	170.4	168.0	153.0	148.8	147.6	145.8	138.0	136.8	135.0	135.0	132.0	124.2	121.2	120.0	120.0	117.6	114.0	109.2	94.8	77.4
	5	240.0	237.6	222.0	206.4	201.6	186.0	183.6	168.0	162.0	160.8	159.6	154.8	153.6	141.6	136.8	129.6	122.4	122.4	121.2	120.0	118.8	116.4
	ε	-	2	e	4	r <sub>0</sub>	9	7	8	6	01		12	13	14	15	16	17	18	19	20	21	22

P.R.: PERIODO DE RETORNO

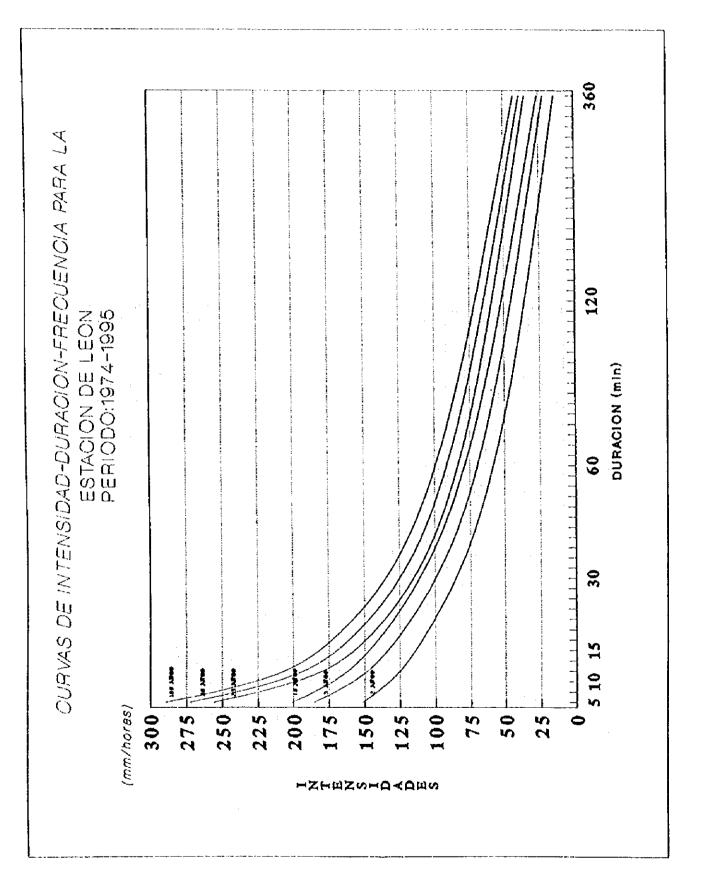
# ECUACION DE AJUSTE I=A(T+B)^N

z	0.872	0.671	0.640	0.428	0.458	0.448
8	20	10	10	1	0	0
4	2511.89	1142.88	1137.63	540.75	570.16	595.66
œ	1.000	666.0	0.998	0.997	0.998	0.998
P. RET.	2	5	10	25	90	100

R: COEFICIENTE DE CORRELACION

# INTENSIDADES DE PRECIPITACION EVALUADA EN LA ECUACION DE AJUSTE PARA LOS DIFERENTES PERIODOS DE RETORNO Y DURACION

360	14.1	21.6	25.8	34.4	38.5	42.6
120	33.8	43.6	50.5	57.7	63.6	69.7
09	55.0	66.1	75.0	79.8	87.4	95.1
30	82.9	96.2	107.3	110.5	120.1	129.8
15	113.1	131.8	145.0	152.9	164.9	177.1
10	129.4	153.1	167.2	184.9	198.6	212.3
5	1517	185.7	2010	256.0	272.8	289.6
P.R.	2	5	12	25	Ş2 20	18



## 5.3. Precipitation Data and Rain Intensity Curve for Chinandega

#### INSTITUTO NICARAGUENSE DE ESTUDIOS TERRITORIALES **DIRECCION DE METEOROLOGIA** DEPARTAMENTO DE DATOS Y ESTADISTICAS

#### **CURVAS DE INTENSIDAD - DURACION - FRECUENCIA (IDF) ESTACION: CHINANDEGA** PERIODO 1972 - 1995

ELABORADO POR: ING. ROGER VIDAL HERNANDEZ PEREZ MET. JOSE FRANCISCO MERCADO JIMENEZ

MANAGUA, SEPTIEMBRE 1996

# INTENSIDADES MAXIMAS ANUALES ESTACION :CHINANDEGA PERIODO: 1972-1995

TOS	120 360	31.6 12.6	31.7 7.3	39.2 24.6	2 33.7 17.1	2 16.2 13.2	3 37.4 16.7	3 30.2 12.2	3 52.6 21.2	24.9 8.6	3 27.7 12.8	1 141.6 81.0	41.5 6.5	) 49.2 16.8	62.3 34.9	7 26.5 11.0	24.8 8.0	25:9 10.4	48.6 14.5	7.4	56.8 21.1	31.7 12.3	36.8 8.9	59.5 8.6	34.1 11.4	1416 810
MAXIMAS DURACION EN MINUTOS	30 60	7	82.6 54.0	78.4 55.6	76.8 58.2	73.6 73.2	69.4 53.6	72.0 48.3	86.8 71.8	100:0 69.4	133.0 87.8	162.8 158.1	120.0 76.4	100.0 80.0	105.4 74.0	66.4 42.7	78.2 45.0	76.6 54.0	99.6	78.6 40.7	121.6 92.0	62.8 41.5	96.0 68.5	66.0 45.5	85.0 75.3	152 1581
MAXIM	10 15	112.4 99.4	114.4 99.7	120.3 103.4		91.8 88.8	123.0 100.8	147.0 120.0	153.0 120.0	132,0 116.8	178.8 158.8	223.2 199.2		132.0 120.0	181.2 148.8	114.0 108.4	134.4 117.6	115.2 103.2	189.2 148.0	133.8 118.4	156.0 156.0	138.0 94.0	120.0 96.0	162.0 110.0	163.2 152.8	222 1 1992
	5	145.0	145.2	152.0	161.8	123.6	146.4	182.4	207.6	170.4	199.2	262.8	240.0	164.4	242.4	172.8	206.4	194.4	232.8	159.6	156.0	169.4	192.0	204.0	240.0	9 030
	AÑOS	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	> 484

CALCULO DEL PERIODO DE RETORNO Y LA PROBABILIDAD DE OCURRENCIA PARA LAS INTENSIDADES DE PRECIPITACION EN LA ESTACION DE CHINANDEGA

. [	<b>G</b> .	25.0	12.5	8.3	6.3	5.0	4.2	3.6	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1,5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
	360	81.0	34.9	24.6	21.2	21.1	17.1	16.8	16.7	14.5	13.2	12.8	12.6	12.3	12.2	11.4	11.0	10.4	8.9	8.6	8.6	8.0	7.4	7.3	6.5
*	120	141.6	62.3	56.8	52.6	49.2	48.6	41.5	39.2	37.4	36.8	34.9	34.1	33.7	31.7	31.7	31.6	30.2	29.5	27.7	26.5	25.9	24.9	24.8	16.2
INUTOS	09	158.1	0.26	87.8	85.0	0.08	78.4	75.3	74.0	73.2	71.8	69.4	68.5	58.2	55.6	54.0	54.0	53.6	48.3	45.5	45.0	44.2	42.7	41.5	40.7
MAXIMAS DURACION EN MINUTOS	30	162 B	133.0	121 6	0.00	105.4	000	0.001	9.66	0.96	86.8	85.0	82.6	78.6	78.4	78.2	76.8	76.6	73.6	72.0	69.4	66.4	66.0	62.8	62.4
MAXIMAS DU	15	100.0	1600	200.7	156.0	0.00	132.0	148.0	120.0	120.0	120.0	118.4	117.6	116.8	110.0	108.4	106.6	103.4	103.2	100.8	296.7	4.66	0.96	94.0	88.8
	of C	222.2	100.1	404.5	2.00	130.0	0,07	169.6	158.0	153.0	147.0	138.0	134.4	133.8	132.0	132.0	126.2	123.0	120.3	120.0	115.2	114.4	114.0	112.4	91.8
	4	0 090	202.0	2,000	240.0	240.0	8.757	0./02	200.4	100.5	194.4	1020	182.4	1728	170 4	169.4	164.4	8181	159.6	156.0	152.0	146.4	145.2	145.0	123.6
	8		- (	7	,	4	S,	0 1	\ 0		n Ç	<u> </u>	-   2	1 5	2 4	r (r	2 4	1	8	σ	200	200	22	18	24

P.R.: PERIODO DE RETORNO

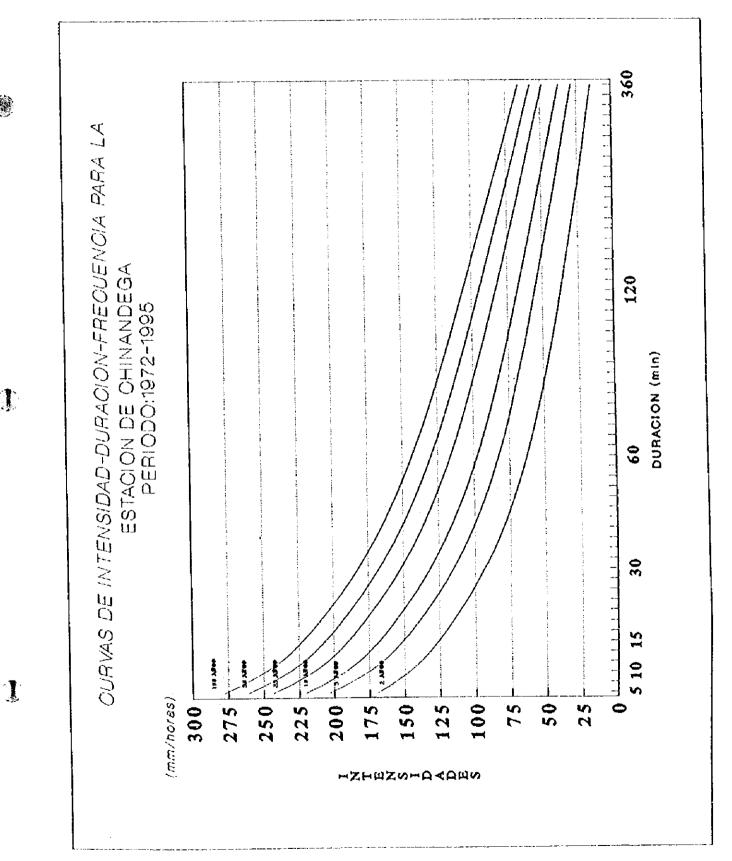
# ECUACION DE AJUSTE I=A/(T+B)^N

Z	0.902	0.612	0.553	0.501	0.472	0.449
В	20	10	-10	10	10	10
A	3076.10	1066.60	984.01	944.06	935.41	937.56
ጸ	0.998	0.997	966.0	0.995	0.993	0.992
P. RET.	2	9	10	25	50	100

R: COEFICIENTE DE CORRELACION

# INTENSIDADES DE PRECIPITACION EVALUADA EN LA ECUACION DE AJUSTE PARA LOS DIFERENTES PERIODOS DE RETORNO Y DURACION

360	14.5	28.6	37.4	48.8	57.4	62.9
120	35.7	54.2	66.7	82.4	94.0	105.4
09	59.1	79.2	93.9	112.4	125.9	139.2
30	90.3	111.6	128.0	148.7	164.0	178.9
15	124.5	148.8	165.9	188.2	204.7	221.0
10	143.1	170.5	187.7	210.5	227.5	244.3
5	168.7	203.3	220.1	243.1	260.5	277.9
P.R.	2	5	10	25	50	100



## 5.4. Precipitation Data and Rain Intensity Curve for Granada

# INSTITUTO NICARAGUENSE DE ESTUDIOS TERRITORIALES DIRECCION DE METEOROLOGIA DEPARTAMENTO DE DATOS Y ESTADISTICAS

### CURVAS DE INTENSIDAD - DURACION - FRECUENCIA (IDF) ESTACION : GRANADA PERIODO 1969 - 1987

ELABORADO POR:

ING. ROGER VIDAL HERNANDEZ PEREZ MET. JOSE FRANCISCO MERCADO JIMENEZ

MANAGUA, SEPTIEMBRE 1996

INTENSIDADES MAXIMAS ANUALES ESTACION :GRANADA PERIODO: 1969-1987

			MAXIM/	AS DURAC	MAXIMAS DURACION EN MINUTOS	UTOS	
AÑOS	S.	10	15	တ္တ	8	120	360
1969	1134	95.0	77.6	49.0	30.0	25.0	16.6
1970	108.0	102.2	87.0	68.6	0.09	10.2	9.0
1971	140.4	109.4	96.4	77.6	54.0	29.1	17.7
1972	86.4	81.0	58.8	38,4	20.6	10.3	6.7
1973	128.4	113.4	95.2	70.4	62.2	59.2	39.5
1974	135.6	115.8	102.8	53.8	32.2	18.5	12.3
1976	116.8	9.66	64.4	54.0	45.4	29.2	19.5
1977	123.6	112.8	112.8	81.2	53.2	29.9	19.9
1978	120.0	118.8	111.2	73.6	50.0	42.3	28.2
1979	192.0	156.0	124.0	92.0	74.8	42.5	26.7
1980	181.2	120.0	118.0	89.4	78.4	56.6	37.7
1981	168.0	147.0	128.0	76.0	63.0	38.0	25.3
1987	214.8	164.4	118.0	97.8	55.5	28.0	19.8
1983	218.4	129.0	92.8	64.2	52.9	31.0	23.0
1984	118.8	118.2	85.0	59.2	44.3	26.0	18.6
1985	196.8	106.8	79.2	73.2	56.0	42.3	16.9
1987	190.8	138.6	103.2	95.8	58.2	37.9	26.1
				÷÷	, i		
MAX	2184	164.4	128.0	97.8	78.4	59.2	39.5
<u>{</u>	1.5.1	1					

CALCULO DEL PERIODO DE RETORNO Y LA PROBABILIDAD DE OCURRENCIA PARA LAS INTENSIDADES DI EN LA ESTACION DE GRANADA

1									-				-					-
	<u>Ф.</u> Я.	18.0	0.6	6.0	4.5	3.6	3.0	2.6	2.3	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1
	360	39.5	37.7	28.2	26.7	26.1	25.3	23.0	19.9	19.8	19.5	18.6	17.7	16.9	16.6	12.3	0.6	6.7
SO	120	59.2	9.95	42.5	42.3	42.3	38.0	37.9	31.0	29.9	29.2	29.1	28.0	26.0	25.0	18.5	10.3	10.2
MAXIMAS DURACION EN MINUTOS	09	78.4	74.8	63.0	62.2	0.09	58.2	56.0	55.5	54.0	53.2	52.9	0.03	45.4	44.3	32.2	30.0	20.6
DURACION	30	97.8	8'56	92.0	89.4	81.2	9.77	0.97	9.67	73.2	70.4	9.89	64.2	59.2	54.0	53.8	49.0	38.4
MAXIMAS	15	128.0	124.0	118.0	118.0	112.8	111.2	103.2	102.8	96.4	95.2	92.8	87.0	85.0	79.2	9.77	64.4	58.8
	10	164.4	156.0	147.0	138.6	129.0	120.0	118.8	118.2	115.8	113.4	112.8	109.4	106.8	102.2	9.66	95.0	81.0
	5	218.4	214.8	196.8	192.0	190.8	181.2	168.0	140.4	135.6	128.4	123.6	120.0	118.8	116.8	113.4	108.0	86.4
	ε	₹-	2	က	4	S	9	^	ω	o	10	11	12	13	14	15	16	17

P.R.: PERIODO DE RETORNO

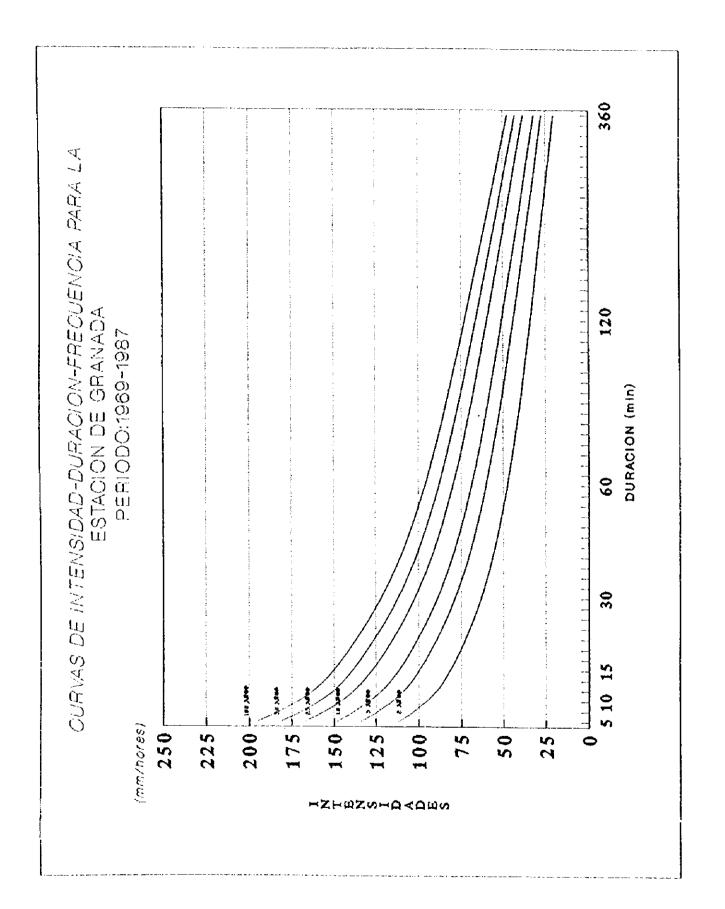
ECUACION DE AJUSTE I=A/(T+B)^N

Z	0.475	0.443	0.427	0.411	0.401	0.393
В	5	5	5	5	5	5
A	333.43	370.68	396.28	430.53	456.04	481.95
œ	0.997	0.999	1.000	0.999	0.998	0.997
P. RET.	2	5	10	25	50	100

R: COEFICIENTE DE CORRELACION

INTENSIDADES DE PRECIPITACION EVALUADA EN LA ECUACION DE AJUSTE PARA LOS DIFERENTES PERIODOS DE RETORNO Y DURACION

_						
360	20.2	27.2		38.1	42.8	47.4
120	33.6	43.7	50.4	59.2	65.8	72.3
09	45.9	58.3	66.7	77.4	85.5	93.4
30	61.6	7.97	8.98	6.66	109.6	119.2
15	80.4			125.7	137.2	148.5
10	92.1	111.7	124.7	1415	154.0	166.3
5	111.7	133.7	148.3	167.1	181.1	195.0
A.A.	2	5	10	25	50	100



()

# DATA 6

Data and Survey Form of the Pilot Projects Questionnaire Surveys

## 6.1. Questionnaire Survey for Beautify Granada Campaign

### Questionnaire

This questionnaire is for planning of 'Sanitary Envi by the Granada Municipality and the JICA Study Tea Your privacy will definitely be keep in secret, and a other purposes in any term.	um. Ilso your data will never be used in
We would appreciate if you would answer the follow.  Date:	ing questions.
Name of interviewee: Address of interviewee: Number of your house hold: Adult/s (person/s), ( Role in her/his family (husband, wife, son, etc.):	Child/ren (person/s)
Questions:	
Q.1. Kindly inform us sanitary condition in your area fill blanks below.	a. You may circle your answer and
<ul> <li>a. Waste collection is available in your area (Yes, Noif Yes, how many times do you receive the servitimes, More, Others)</li> <li>b. You are now receiving Water Supply service: (Ye 1) if Yes, (INNA, Common Well, Individual Well 2) if No, what is your sources to get drinking water. Waste water service is available in your house: if No: <ol> <li>What is your house sullage(waste water)? Prit:</li> <li>(Soak Pit, River/Stream, Road, Others)</li> <li>How do you treat night soil at your house? Pleatrine, Septic Tank, Others</li> <li>Your house have Inundation Damage: (Yes, Noif Yes, how often? (time/s per year)</li> </ol> </li> </ul>	vice per week (Once, Twice, Three es, No); I, Others) er? () (Yes, No); Please chose an answer and circle on) lease chose an answer and circle:)
Q.2. We noted four major environmental sanitation below. Please put them in priority order according blanks following a sample.	
SAMPLE	
<ul> <li>Solid Waste (1)</li> <li>Waste Water (2)</li> <li>Water supply (4)</li> <li>Rain Water (3)</li> </ul>	e.g. 1= first priority 2= second priority 3= third priority 4= fourth priority

Now please answer.	•		
<ul><li>Solid Waste</li><li>Waste Water</li><li>Water supply</li><li>Rain Water</li></ul>	(	)	
<ul> <li>Waste Water</li> </ul>	(	)	
<ul><li>Water supply</li></ul>	(	)	
<ul><li>Rain Water</li></ul>	(	)	
1.			
2.			
Thank you for your	kind coop	peratio	n.

Table 6-1: Results of the Questionnaire (Q-1)

										9								Ì					
Total Intervieweds				~						۵					Ü					q		٥	
Per Area	Yes	2	-	7	87	4	5	Yes	2	4-	2	60	Yes	No	-	7	3	4	1	2	62	Yes	Š
		1								៦													
45 Interviewees	35	9	9	2	8	0	0	41	4	41	0	0	0	45	7	7	27	6	42	0	6	38	13
										23							¥.						
35 Interviewees	78	1	8	9	0	0	-	30	5	30	0	O	0	35	5	ტ	19	7	33	0	8	42	গ্ৰ
										ឌ									}				
65 Interviewees	2	-	18	32	14	0	0	63	2	63	0	0	3	62	4	5	46	7	9	0	٥	23	12
							2.50			ઇ		***											
10 Interviewees	0	10	•	0	0	0	0	6	_	6	0	0	0	10	0	0	5	5	2	Ö	0	9	4
Grand Total																							
155 Interviewees	127	28	9	28	22	0		3	-12	143	0	5	6	9	<b>T</b> 5	26	97	18	149	0	9	83	99
THE REPORT OF THE PARTY OF THE		Section 19 10 Co.		1300																			Ì

Table 6-2: Results of the Questionnaire (Q-2)

		Q2	T	
Classification	Solid Waste	Waste Water	Water Supply	Rain Water
		C1		
Priority 1	14 Persons	19 Persons	4 Persons	8 Persons
Priority 2	23 Persons	14 Persons	4 Persons	4 Persons
Priority 3	7 Persons	8 Persons	10 Persons	20 Persons
Priority 4	1 Persons	4 Persons	27 Persons	13 Persons
		C2		
Priority 1	6 Persons	17 Persons	4 Persons	8 Persons
Priority 2	11 Persons	13 Persons	6 Persons	5 Persons
Priority 3	12 Persons	4 Persons	13 Persons	6 Persons
Priority 4	6 Persons	1 Persons	12 Persons	16 Persons
		C3		
Priority 1	13 Persons	34 Persons	8 Persons	9 Persons
Priority 2	24 Persons	19 Persons	12 Persons	10 Persons
Priority 3	15 Persons	11 Persons	24 Persons	15 Persons
Priority 4	13 Persons	1 Persons	21 Persons	31 Persons
		C7		:
Priority 1	3 Persons	2 Persons	3 Persons	2 Persons
Priority 2	5 Persons	3 Persons	1 Persons	1 Persons
Priority 3	2 Persons	1 Persons	3 Persons	4 Persons
Priority 4	0	4 Persons	3 Persons	3 Persons
and Total				
Priority 1	36 Persons	72 Persons	19 Persons	27 Persons
Priority 2	63 Persons	49 Persons	23 Persons	20 Persons
Priority 3	36 Persons	24 Persons	50 Persons	45 Persons
Priority 4	20 Persons	10 Persons	63 Persons	63 Persons

Table 6-3: Names and Addresses of Interviewees

Note   Note				Ļ									×				İ		ĺ.	L		1
Marcon			Lamin	1			ļ,		l		4					J			ŀ	٠Ļ	-x	1
	Name:		Members:	_	ŀ		ŀ	ŀ	╁	ļ.	L	2	1	⊩	-	F	H	1	-		_	į
The property of the property			Adults Kid	_	4	-	-	1	1	4	-		1	े	4000000000	0000000	0.0000	SANA PARA	September 1998	Sec. 3 (2000)	Sec. 6. (200)	erijeleleljel
Commissione development   State   St			0.0000000000000000000000000000000000000	900000		dancieros.	00000000	NO.	် င						ŀ		ļ	ŀ	-	٠		. 4.3
Controllege   Controllege		The second secon	-			-	0	:	-	0	°		1	٥	1		1	1	-		٦	. 4
Control Cont	Come Caving	French Clay Control of the Control o	┝	٥	:		0	-	-	c	٥ :		1	٦	1	1	1	1			,	4 3
Control Cont	fary Cotterrez	Calle our John Opt Mit	,	٩			6	L		۰	С :		-	ç	1		+	•	1	,	ľ	
Name of Control March 1984   Name of Contro	lorinda Jimenez	Reports La Talpujore		ľ		l	٥			۰	٥		-	٥	-		c	٥	1		4.	
Property   Property	Aarta Pineda	Printed La Talpuyera : c abajo	1	1		l	۱.	-	ļ	H	٠	-  -		¢		-	٥	٥			+	
	dana Quiroz.	Reports La Talpujera	,	1		†	<b>\</b>			╀	H			O		3	-	٥			-	
	Aeroedes Barberens	Encode La Talpujera 75th Sur	2	٩		1		1	1	,	╀	-		٥	-	Ç		0		٥		-
Control March   Control Marc	Anoela Ramos	Ererada La Talpajera 2do andes	2	٥		1	٥				<u>'</u>	-	-	c			ŀ	Ç		G	-	7.4
Configuration (All March Mar	Loren Transmin	Reservo La Talourera	2 3	٥	-		اء	1	-	•	1			Ţ		Ľ	-	٥		c	-	1, 4, 2
Control Light State St	All Control of the Co	Calls See New Asl Star	3	٥		-	c			리	1		1	1	1	╀	-	-	٥	_	ŀ	4
The control of the co	Agna Civilence		7	F	٥	:				-	١			٥		+	1	,		,	-	-
### Control Line Market States   Fig. 1	/ume Pene	Pinal Celle Lorne de Mico	,	1	٠			L		ç	٥			٥		1	6	3			-	
Pages Cell Lineage 11-Lage 10 or 10	austo Gonzales	Pinal Calle Lorva del Mico	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	1	1					ç	•	-		٥	=	٥		٥	1			
Material Materi	rancusco Mojernett	Require de les Rerbarenes 1¢ Lago	<u>`</u>	-	╀	,	-			¢	۶		***	¢	-	٠.	-	٥	1	٩	ľ	
Main Principal	auta Avalos	Penal Cults Lorns del Mico	4	Î	+			1		,	Ľ		•	0	_		0	0		٥	-	٠,
National Experience   2	Asna Nanduno	Ighers Custragular 19vrs Lago	4		c	1	1			+	<b> </b>		-	٦	٦	-	-	٥	-	٥	-	1, 4, 3
	Andahme Hemandez	High Paliting 10wrs Conto	3 5		٥	1	1	1	1	,	1	-	-	٠		٥	-	0				2,3,4
Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See   Closed Scheeler   See	Aarta Pena	Rabartote III stape	2 1	-	٥	1	1	1	1	٠	֓֟֝֟֝֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	+		, (	1	}-		c		T	ç	
Compact Light   Compact Ligh	Angeline Lague	Molino 2e Norte 2e Este	3 2	-	٥		-	1	1	٥				4				۰		L	0	1.43
Machine III Registry   Machine III Registry	shorn farmer	Clines 26 Lags, 10 None	2 3		٥					٥				,   ,	-			٥	-	٥		2.4.3
Particulary   Particulary	are Dondo	Salvadela III eftra	5 2		c	;		-	1	٥	1		1	•	1	-		١,			0	3.1.4
Notice   Column   C	Toms Brane's	Molino 100 North	5 2		ē		-			+	1	1	1	,		╀	-	,	-	e	4	2, 3, 1
New Coltable 1 Notes Calcine 1 Notes Calcine 1 Notes Calcine 1 Notes Calcine 1 Notes Calcine 1 Notes Calcine 1 Notes Calcine 2 Notes Calcine	mana Managanin	Sabunete III stance	4	ا ا			٥	-	1	9	<u> </u>		1	•		,		c		0		2, 4,
Free Colone 2 Note   Free Co	Vilham I zhana	News, Colines 3c Norte	9 2	_			٥		1	•				۰	-	╀		G	-	٥	7	1.3,4
Note Colton 12 Note   Note Colton 12 Note   Note Colton 12 Note   Note Colton 12 Note   Note Colton 12 Note   Note Colton 12 Note   Note   Note Colton 12 Note   Note	Ionia Martinez	Rec. Colone 2s Note	3 1 2	Ŷ						¢				3				٥		°		1.4.
Mainto-bi-National Mainto-file and Mainto-fi	fannel Armedor	Keet Celinas 2c Norte	2 1	٥			e	-		٥	1		-	,		ľ		٥	-	٥		1.4
Machine de Machine d	arios Oporta	Rest. Colina 3c Norte 1/2c Lago	4 5	°		٥	-			۰	1		1	1	t	ŀ		٥		٥١		
National Designation   A	arma Critz	Molino 4c Norte		٥	- 1		<u>ا</u>	1	1	;	1	+	1			-		٥	-	1 j		1.4.3
Mailto de Pinera 13791 Ligge   A   1   0   0   0   0   0   0   0   0   0	Janua Moraine	Real Colina 1s Lago de Norte	4	٥	-		-	ا	1	╗	1	†	1	1	1	-	ŀ	٥	-		H	. 2, 4, 3
Water Districtue         2         4         C	John Care	Moline 4c Norte 1 Syrs Lago	4	ľ			٥			•	1	1	1	1		-		6		-	ç	3.4
Modition National States   Modition A National A National States   Modition A National	Pranciaco Carrena	Maline 3s Norte 1/2s Lago	2 4		;		-			0	1			•	+	ŀ	١.	١			0	13.4
Neutron Designation	Vano Russema	Molino 3s Norte 2s Lago	2 4	-	-	o		1		٥	+		1	<b>/</b>		╀		ŀ			-	, 3 2, 4
Rest. Colours 3/Notes 18 Lago         3         6         6         6         6         6         7         6         7         7         6         7         7         8         6         7	or one Mortinez	Salvaryota III etaka	4	-	10	-1	c	-		1	╂		+	1.	1	<del> </del>	١	,			-	1,2,4
Nation Schrift Light         2         4         0	Vana Oporta	Mest, Column 30 Lago 30 Norte	3 3	9	_		٥	1	1		+	1			1	-	╂-	٥		¢	3	42,34
Mollino Ex Norde 1 (Total Light)         2         4         0         <	Paula Hemandez	Rest, Colones 2c Norte 1c Lago	2 4	_			اہ	1		†	╀		1	(		-		•	-	[ "	٥	4.4
Malino Le Norte         2         4         0	lesica Teneno	Moleno 2c Norte 1 1/2c Lago	(.f	ٳ		1	٥			<del>,</del>	Ŧ	,	1	•			٥	٥			Ç	3, 1, 4, 2
Mollies Le Nivere   3   3   0   0   0   0   0   0   0   0	Uba Artaga	Molino te Norte	2 4	_			٥	-	1	٥	╀	†	-	١		-		٥	-		٥	3,1.4
Wellow Drivers         2         3         0	Manna Bermustez	Moline 1e Norte	3	Ĭ			+	1	1	1	╀		-	٩		+		٥	_	-	٥	2, 1, 3, 4
Under Definition   17x5 Layer   17	Mana Lana	Melino 2e Norte	2	Ĭ			-	ا		•	[ ]	<del> </del>	-	ľ		-	٠	ē				2, 4, 3, 1
Colivera ) Light Class Submitted (Colivera Quaelle Bermudez	Neet Column 1 1/2 of Ago 1 1/2c Sur	2 2	Ĭ			-	ا	T	•	1		-	٥			۰	.0			O	1, 2, 4, 3	
Subject of the Company of the Comp	Xiomans Ruz.	Column to Lago 1/2e Sur	4 4	-	-				Ī	ε,	ľ		-	c		-		c		-	-	1, 2, 4
Acide         Number Colored 2014ge 1/20 More         2         4         0	Хочла Алоіа	Subarreta III etaps	3				-	١	1	•			-	١		-		٥		-		3,4,2,1
Note Cultura 20 Lago 25 Nn Nove	Petrona Menoado	Nest, Colines 2c Lago 1/2c Norte	2 4	ٳ			c	+		1	+		-	٥			-		٥			1.4
Notion 12 But 172 Lago         3         6         C	Hamilton Carcache	Rost, Colinar 20 Lago 25vrs Norte	7	1		٥	1	1		†	+		-	١		-	-	۶	-	1 " L	-	2 . 4 3
Rest Cologne 1/2 Lay 0, 20 Notice of Cologne 1	Marta Duarte	Molino 1¢ Sur 1/2¢ Lago	6	<u> </u>	-	1	1		I	;	f			۴		-	6	٥		100	0	3,4,1,3
Malline schierte 2 3 0 0 0 41 4 41 0 0 0 45 2 7 22 9 42	Marta Hernandez	Rest. Colinse 1/2c Lugo 1/2c Norte	2		1	4	1	1	$\prod$	1	+	, ,		0		-	0	"	3		ç	2, 1, 3, 4
45 Interviouens	lone Comez	Molino to Morte	-		-		٥			5												
43 Interviewees	C.I Torats				ŀ			,	-	17	-	ŀ	0	╌		,	6 60	42	0	*	7	
		45 Interviewes			4		7.0	,	,	•	,	ł		ł						ļ .		

		ľ		ŀ				Ì							10			ļ		ł		!				3
7	-	` ;		1						$\mathbf{F}$		ľ						u				P	-	ę	_	Princity
Name:	Address	٤	Members	-			1	Ì		+	1	֓֟֟֟֝֟֟֟֝֟֟֟ <u>֟</u>	ľ	ľ		ŀ	ŀ		-	•	F	,		,		9404
		Adults Kld*	X	J. I Yes	۶	-	2		4	·.	Š.	•	.,	3	¥.	Š.	-	ţ	,		1	ŀ	ŧ		1	
			2000			80000	(A)	20000000	*	1	00000	0.00000		10000	780763	が必然	9500K	の後の美							Section Section	
	1	ŀ	١	-	-	1		l	1	ŀ	Ļ	Ĺ	ŀ	-	L	٥		°			°			5	1	2, 4, 3
Automedora Notelo	Dei Kadro Viero 100vm Sur	٠.	1	╁	1	٥	$\int$	Ţ	1	-		٩	L			c			٥	,	°			0	2	1,3,4
Expressive Centural	Del Kiedro Viego Lody's Stiff	4	1	1	+	1	1	Ī		+	1	ľ	1	L	L	٩	ŀ				٥	-	_	ن	_	2.3.4
Jose Zufuga	De dende Wilson 75vm Esto	-{		+	٩			1	†	+	,		1	1		١				٥	٥	-	-	٩	-	143
Mans Mosarrett	Dende this of Community 1/2 citate	٠,	4	1	1	1		Ţ	$\dagger$	+		1	+	-		١	,				٥	-		٥	Ġ	1.4
Glona Nevas	No assess	٠,		1	-	9			-	1		1	1	1	1		Ţ		1	T	ţ,	l	ŀ	ľ		ŀ
Manuel Junenez	Del Restro 11/2c Sur 1c Outle	٠,	1.0	٥	:	٥			-	1	٥	۶	4	4	1	٥	٥			:	•	1		╁		1
Jose Miranda	Dutrie de la Bacada Place, Salinas	٠.	4	٥		٥	-	-	:	1	٥	٥	-		:	ē	٠;		٥	1	۰	-		١	4	4
Riange Alvane?	Denne de la Paciela Phoe. Salvas	٥	-	0	1	-	c				0	e e		.;	-	٥			ç		٥	1	-	•		
Aptoma Aenume	Column Hone Salinar 1 17c Sur	v	1	٥	L		c	;	:	H	٥	0		.,		٥	11	_	٥	1	٥	-	1	١		32,1.4
Andrea Cole	Colomo Mone Salmes to shain	-	Ľ	٩		٥					0	0	-			٥			c	1	0	÷	<u>*</u>	ē	`	,
Tieres & Company	Colored to Town 10 of the	ŀ	ľ	۲	L	٩			1	-	°	L	Ľ	L	L	v		- "	v		o	111		0	3.2,	7,1,4
Fateria Aguare	The state of the s	ŀ	ľ	1	1	1			t	$\vdash$		۴	-	1		٥			٥		·	-:	-		3,	2, 4, 1
Conta Cance	ne syll oddio	ŀ	ľ	1	-	: (			t	ł	ļ	ľ	-	L	:	٥			٥	-	c		-	٠	2	4, 2, 1
Juana Halfodano	Colegio Ze Sur	ŀ	Ţ	1	-	•	I	Ì	+	1	,	₽	L	-		٠	Ī	ç	T		G	-	F	-	-	•
Paula Baltodano	Debrie dei cologio Ze Sur	-	* (	١	1	1	I		1	:		-	1			١			٦	İ	6	-	-	°		-
Athertine Balkodano	Pacuela 200m Sureste		1	1	1	1		1	t	1	╀	╀	1	-		ŀ		ķ	T		6	-	ŀ	ľ	,	
Alba Cruz	Addition I common all charco	1	$\uparrow$	°	-	•		1	$\dagger$	+		1	1	1		ŀ	Ī	•	T	t	,	-	-	۶	-	,
Vicenta Martinez.	Recessa to Rate to Star	-		٩	1	٥	I		+	1		1	1	1		1	Ī		,	-	,		-	Í	-	,
Sam Rivas	Bacuela I 1/2c Bate	4		-	Ċ	:			1	-	٥	٥	4	1					1	+	,	ł	-	<u>'</u>		
Wilbert Morales	Tres Gruces 25vm Lago 10 Sur	2	:	:	c	;;	:	:	- 1	-	٥	٦	1	:	-	٩	;		•	1	•			1	1	Ţ
Ines Barberena	Costado Ossta del Cologio 75vm Lago	٤	9		٥			-	:		0	٥	-	4		و		1	╗	1	۰	1	1	9		
Acceptant Violen	Continue probamin "I de Macamus"	2	ľ	Ľ	٥	Ŀ		-	-	L	٥	0		:		٥	ç	-	- 111	-	٥			٩	-	4
Mana Boodia	Colored Marie San	1			ŀ						0	0	Ľ	L		٥			11	٥	c	-		ç	7	7.
,	2	,	ſ		٥	L						ů.		-	***	0			c		٥			5	-	3.4
William Market	County State and Colonics	٥	-	Ġ		L	ç	1	1	╀	٥	0		:	:	٥	1		c		· v				- E	4.2.4
Telms Demander	Durant de la conseile	V	٢	-	-	٥		-			٥	۰	_	-	-	c	-	. ""	ū	-	٥				•	4.
Fertenanza Araba	Derre Ad Colons	-	۳	٥	-	o		T		-	٥	°	L			٥			G		c	-		٩		<u>-</u>
Mone Obendo	Dates del Cultons	·-	ľ	ľ		c				<u> </u>	0	٥	Ľ			٥	1.1		٥		ů	-		٩	-	;
Cortor Controlos	County Date de la cacucia	7	100	٥	-	ŀ		<u> </u>		-	٥	L				٥		111	c		0			٠	4	133
Consulto Cando	Ple Cestado Nectado la pactuda	×	ľ	٥	L	٥		:	-	,	0	•		-		٥	¢	4.			¢	:	-	٩		4,
Manually Dynday	Control of the Asset of the Control	,	L	٠		o		1		Ļ	٥	•	L	-		٥		130	¢		c	-		0	εí	2, 1, 3, 4
Description	Description of the Control	í	,	٩		٥					0	٥		-		٥	:	Ç	-	1 "	v		)	0	7	43.2,1
Neylin Otomin	A man a man	1	ľ	ľ	1	ľ		T	t	ŀ	١,	ľ		1		٤		٦			•	-		٠	1	41,32
Conception Salva	Rustro view 150wn Rus	ا.	1	1	1	1		t	ţ	+	1	1	1			,	Ì	ļ	ı	l	,	┞	ľ	٥		2.4.1
Biance	Ranto viejo 3-60vm Stir	-		4	1	<u> </u>	1	1	1	1		1	1				1	Ī	1	t	,	1	ľ	Į,	ľ	ŀ
Scarlett Rochs	Restro viejo 250vrs Lego	~		١	4		٥		-	-	٥	4	-			٥	1	•	1		٥	4			1	,
Kosa Cashilo	Rusto viejo 160vn Sur	1	¢	¢	-		٥	1	-	-		¢		7.	:	٥		٠		-	٥	-				Ţ
Cz Total												-					Ì			ţ			ŀ	ľ	ļ	T
	33 Interviewees			8.7	7	33	3	0	0	7	30 5	30	9	0	٥	2	~	<u>-</u>		-	;	5		1	ļ	1

										١													7/3
		Ag'A	Allan										3			ľ		-			۱	ľ	Priority
Хапе	Voques:	Mem	ž		Ł			ļ	ŀ	•		, ,	ľ	1	5	-	5	•	1 2	^	٨٠	ş	Selected
<u>.</u>		4 dults	Adults Kide	Yes	ů.	-	4	•		•	4	,	1	4			0.000	2000000	VAC - CO. 10 CO.		A CONTRACTOR	CONTRACTOR OF	Short popular
				XXXX		000000	acceptor.	0.00	\$20000X	1000 CO	C	ARCHOROUS RA	00000000	XX					ŀ				-
		Į,	ſ	ſ		-	F	_		0			Ľ			-	ε	-	0		1		
Nutra Molme	Polymer 24 Sur	1				1	ľ	1		ç	ŀ	ç		-		٥	-				~		
Mana Alvarez	Pelvors 2c Ser	-	•	٥		1	+		-	1	F	į			٦	٥	-		4		-	٥	
Glora Rodngoez	Petrora Is Sur 1/2 Ootto	۳.		c				٥		,	1		1	-	١		٥		c			0	1.4.7
Auxiliadora Portobanco	Pervora to sur la Hate	3		٥				-		1	1			╁	-	-			c			٥	1,34
forefa Hemandez	Polyon 20 Sur	0	۲.	٥	-	1	-	٥	1	ŀ	1	١	1	+	1	-	(		,		-	c	2,1.4.3
Manage Constant	Delwar 2c Say 1 Cc Lan	Ş		0			-	0		٥	1	٥	1	1	3		1	Ī	,	ļ	-	ŀ	
VIALIEM OTICKA	- C C C C C C C C.	۰	[-	٥		<b> </b>	-	0		o	:	c		٥		1	1				1	, ,	
Kosa Berrougez	Formal I Use and	ŀ		١		+		٠		٥	:	0		ç		:			٩		1		
Angelios Rodnguez	Palvers 1 1/2¢ Sur	1		,		+	ł	+		۶		c		-	···	ů	-:		0		1	٥	4.1.4
Auxiliadora Ortega	Poge de Ore	۰	_	c	-		,	1		†	+	,		-	٦		٥		c	_		- 0	1, 2, 4, 3
Not menhoned	Pozo de Oro	64	-	٥	-			١		•	1			1	1		ľ				-	٥	4.2.4
Marie A. Breeze	Translated Beauty Com City	-	×	¢	1	•	-			٠	1	٥		1	1	-	1	1		I	l		× 1
rolanda Kuk.	The state of the s	Į.		ŀ		6	H	L		•		0	÷		0	107	0	:	0				
Josefa Barreros	Pacieta El Lecudo Surmi Sur	1	ļ	1	I	1	-	,		٥	ŀ	٥	- :::	:	c	:	¢		٠	-	1	ا،	
Lucrecta Alonso	Escuels FJ Escudo 1 c Sur	-	4	٠		1	╁	,		1	l	,		-	,	L	0		:  0	:	:	G	1, 2, 3, 4
Alcona Kola	Parasola 21 Facudo 1/26 Norte	ç	.,	٥		1	٥	-		÷	1			+	1	1	۱				-	٥	2.1.3.4
The state of the s	The state of the s	Ļ		٥		-	c	;		•	-	0		1	-	1	1			I	1	,	,
Lus Rochs	We entrace Kipto, Ed Parcados	ŀ	Į,	ľ		l	۱,			٥	-		3	-	c	-	0		c	111		0	3, 50, 5
Karla Hernandez	Breuch El Facudo Le Lago	1		١		t	+		-	1	+	,			0	_	٥	:	C	•	٥		3, 1, 2, 4
Isabel Moreles	Baruela El Bacude 1 1/2c Lago	7	_	ē		-	ا				$\dagger$			ł		-	ŕ		٥		-	٥	4.5.4
Tourist Military	The explands 24 Land	7	Į	¢	3		0	- 1	-		٥		1	1		1	1			-		Į. ,	
Josefa Miranda	The street of th	ļ	ļ.	١		Ģ	L-,	L.		o	-	0			۰	-	٩		٥			1	
Auxiliadora Cutterrez	Receipt III packed to Lago	Ţ		1	ſ	t	ŀ	-		٥	-	٥	-:	1	0		0		ç		1	٥	7.1.2
Juana Lara	Escuela El Facado 1 1/2c Lago	?			4	1		1		1	$\dagger$	,		۱		Ľ	٠	L	c	:	-	۰	1, 2, 3, 4
Fahma Lara	Escuela El Escudo 1 1/2c Fata	4	7	c	***	۰		-		1	1			t		-	1	,	G			•	1.3.4.2
Change Costallo	The Alla de sous	2	_	c	Ξ	0		-	-	٠	1	٥		1			1		,		,	-	3341
Module Casado			ļ,	ŀ			٥		1	0		c		-	0	-	ç		6		,		
Collemo Sarrera	Fits contago Clara de la pilla ve varia	Ţ.	1	ŀ		t	,	-	-		-	•	-:-	;	•	-	¢			-		٥	,
Angela Trans	Costiguo a la pila de agua	1		١	I	1	╂			•	t			T	9	-	٥	} 	0	:	::	0	3,1,4,2
Febjola Brenez	Pie. n la pala do agus	٦,	4	٥			1	,	+	+	†			1	,	L	٩	-	•		٥	:	4 2 1 3
Mman Mendoza	Contiguo e la pila de agua	\$	ç	c		1	٥		1	1	<del> </del>		İ	$\dagger$		+	1		  -			٥	7
	Courses Course for make 1 1/2 Norto	4		0	;	o	_	7 11		٥	1	٥		+	,	+					t	, ,	, ,
The second second		٦	٩	٥		0	2	-		¢	-	5		-	-	1	٥					,	
Maron Marunos		-	٩	٩		٥	-	<u> </u>		¢	-	c		-	٥	1	٥	1	١		1	<del> </del>	
Silvo Mendez	Forces (11) to belief 1 1/20 apple	Į.	ŀ	ľ		-	,	-		6	-		- "		•		٥		٥		٥	-	
Mana Bolanos	Segundo puente de tabla 2c Bur	,[	].	1	I	+	,	-	-	,	-	٥		:	٥	0	:		0		-	ç	1,243
Violeta Caballero	Primare de table 1 c Rur	].٠	•	٥		1	٥			†	1			1	١.	٩	1	-	0		ç	~ ::	4. 2.3
Candida Jum	Pourse de table 2 1/2c Sur	٥	12	¢			+	ا،		•	1		1	1	ļ.	-	ľ		,		-	ç	4132
Ans Avenallo	Del mesto de madera 1/2c Sur	¥	¥	c	1		٥			٥	1	c		1		ľ	1		,			,	1 2 4 3
The Cale of the Ca	Day Dames more detable 1/2c Sur	۰	4	٥			0	-		0		0		1	٠	٩	+	-					
Carles Jones	A CONTRACTOR OF THE PROPERTY O	١,		٥		٥	-		100	٥		٥		-	٥	1	٩		c	1	1		
Mans Sanomo	Contract Systems In Leading	,	ŀ	١			c		-	٥		0			-	-	٥		٥		l	ا	
Antoma Dass	Note: El Escudo, 20s escudo 10 Lago		1	1		t	ç	$\mid$		٥		٥		-	٥	-	٥		۰		1	٥	7
Mosses Perez	Hyte. 23 Escudo, 2de mittelle 73WT Lago			1		t	1	+		٥		٥		ŀ	٥		٥		0			c	3.1.2.4
Osose Rodnguez	I'm entrada E2 Keevde		1	ا		1	1		-	ļ	-				ç		٥		Ç		:	¢	3, 1, 2, 4
Alberto Duarte	I'm entructs FB Facudo I/2e Sur	×		ا•		1	1	1		1	+	, ,		1	  -	-	¢		c				2, 1, 4, 3
Omer Trujulo	1th entrada El Facudo 1/7c Sur	^		٥		5	٤			1	t	, ,			  -	-	٥		0	-		¢	1, 3, 2, 4
Pable Guterrez	In orthoda El Escudo 25vm Nur	ς.	01	٥		•		:		•	1			1	ľ	-	1		5		-	٥	7
Flas Cerois	I'm ceitrada El Escudo 73ves Sur	r.		¢			٥		1	•	1		1	1	ŀ	-	-	{	  -	L		٥	
Almedo Morales	Cenertena le Sur	۲,	L	ç		٥	-	1		٥	1	اء		1		ľ	-		,			,	7 . 3
400	to execute Il Deside Je Sur	7	7	c	_		c	-	-	٥	1	٥		1	١		+				1	,	, ,
And Core	112 WHEN IN LINCOLD AS SAN	ا	1	ľ		١	<del> </del>	H	"	G	-	o	:		c	-	c		ç	1		٥	*
Riance Awarez	Del puerte de table 1 1/2c Str					1	ļ	-	-	c		. 0	-	***	0		٥		5			ا،	7. 2. 4
Karla Lopez	In entroda Kpto. El Escudo 2e Rur		1	4		1	†	-	-	,	ŀ	c		-	٥	٥	174		6	-	ē	-	-
Juan Campos	Puente de madera il 17c Sur	۲,	^	٥		٥	+	1	1	1	†		1	1	,	٢			٥				2, 7, 4, 1
Mananela Ullos	Puene de madera   75 wis Sur	×	۲,	¢	1.1		-	٥		۰	1		1	1		ľ			٦		٥	-	4 3 2 1
Indiana Perez	Pueste de madera 100vrs Sar		ا	c	;	٥	-	-		4	1	٥		1	$\mid$	1	1		,	L		_ د	7 . 4
Marta Nanchez	Printe de madera 1 town Sur	64	، ا	ε			٥	1	1	١	İ	٥		1	- -	1	1		,	-		٠	7
Name of second	Proceedings 100kg Sep	-	1	ļ°		-	٥		-	ē	1	٥	-		٥	1	1			-			
Manage Change	Tells de march 1 Comme	-	٢٠	٥	L	G		-		c		0		1	٥	1	٩					, , ,	
Watura Ouesto	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	۱	-	ç	:		٥		2	c	-	٥		1	٥	1	٠		١			1	-
Paris Clave	Supplied to Common State on St	ļ	,	٩	Ŀ		¢	L.	-	o		٥	- 1		-	-	۹	]					
Note Centerio	Donde fue is PV 25 Cleme 1/20 Sur		4	1																			

																		ļ		ı						•	
20,000		-	-	1			ļ	}-		┞	١,	-	-	-	L	٢	ļ .	L	ē	1	¢		-	ç	-		4
RUSA COULSARY	TOOKING THE ET CONTRICT TO COME TO COME	2	-	٤		١	1		l	ł			<b> </b>	1	ł						ļ	ľ	Ī	-	,		7 6
Ramon Montana	Pile de neue le Oerte le Sur	٠.,		٥	- ;	c	-	:	:	1	0	٠				٥			٠		۶				1		
		ŀ	ŀ	1	ĺ	1	1	-	-	ŀ			L	١.		-		Ĺ	6	-	c	;		6	-	1	
Marca Calderon	Pills of upon 17. Dene 25 NB	4	#	٥	;	١	1	-	1						ł	1					ľ				٠	•	
Marta Arosa	Pie, costado cesto de pila do agua	۴.	۴.	c	-	:	c	-		- 1	6	٥		-	-	c	٤				۰	1	1	1	†	1	Ī
Ans Lonez	Roto El Pacudo Jes estenda	۲.	. 2	٥	Ĺ	۰	-	-	-	-	٥		-		_	E	-	-	6		٥		Ī	۱	1	1	-
Tells Design	10 to 10 to	1	1	Ľ			ļ	†-	-	-	٥	ç	_	_	Ŀ	ŀ	L		٥		٥	-		1	ç	- 2	4.3
Justa Flack	AND CONTRACTOR SALVES AND CONTRACTOR OF THE CONT	}	1,	1		Ī	†	<del> </del>	t	t	۱,	١		╁	ŀ	ļ			٥	""	٥	;	-		c	2.4	3.1
Janetic Lymeric	STREET, STREET	•	:	1		1	1	t	t	t	, ,	ľ	1	╀	ł	ľ	ľ				ç		77		c	2.1.	3,4
Salvadore Bultodano	Ten entrucks Kpto. El Escudo 35wrs Espo 15 wrs ent.	0	10	٥	::		j	1	=	:						1	1		I		ſ		I	I	Į.	<b>!</b> :	
Mozell Dueste	The seconds Briton El Employ to Para 1 Oc Ser		L	۰			٥	-	-	;		•	-	3	.:	0	-	::	اء		۰			3	-	1	1
	The same that the Samuela I of the Same	·		٥			T	9			٥		L	-	-	٥	٥				e				ç	Ş	?
Salestine.	The same of the sa	ŀ	ŀ				,	t	t	l	۱,	ľ	1	1	L	Ľ			٥		٥		:	0	1	1,	
Claudis Expmons	See entrada toto. El Cacado 1º Lago	٠	•	0			1			1		1	1	1		1			j								Γ
C? Total													ĺ	-	-		ļ					Ç	,	1	5		Ī
	65 Interviewers			3	_	37	33		0	0	3	~	ت -	• -	-	8	•	10	9	7	9	>	,			1	
	200 11 11 12							1								ĺ					l		l		ĺ		

		١	2											E											Š	-
;	A 4 4 4 mm	: ] -	j			•						۵		-			ú		-		P		٠	*	Triority	
	:	A destro Kide	7,14	, e	2	2		•	4	Yes	ž	L	<u></u>	##. **	ź	-	2	7	•	~	7		Yes No		Searcing	
				_					Į.	1			200	Acres and and		0000000	30000		0.00	20000000	2000000			28.882	(2) (3.5)	
		000000000000000000000000000000000000000	000000000000000000000000000000000000000		0.000		1	The second second					١	١	۱		J	١	Ì	l	ŀ	١	l	-		T
Street Cospila	Tentels Hi Madmen to Meets	,	4		0	Ľ	-	Ĺ		٥	***		-	:	¢			-:-	0	0	_	:	ē	-		٦
	Totale See To Bearings To Lane			t		ŀ				٥	-	٥			٥		I I	O		٥	-		¢	3	7	_
	The same of the passes of the block	,	t	1	╀					٥		٦		:	٥		""	100	٥	ů		-	٥		1,34	
	In Research County and	ŀ	-	l	ļ.	-	L			٥		١	-		٠	-		o	""	-		٥	٠	. 2	4.1.3	
annes.	annual money and a supplement		ļ		,	-	1			c	ľ	٥			¢	-		o	777	¢	3		0	-	2,4,3	
	Certaining of the B	,	Ţ,	t	,	1	ļ	ĺ		e	ŀ	٥		L	٥			ç		٥	-		c	(4)	1,14	
Lesona Munic	And a company of the	, ,	1	t	,	-	-				Ł	╀	₽	╀	┞			٥		٥			٠.		Ç	
cress Anas	Unit to come from 1 17 to come are plants		,	t	, ,	-	L				L	╀		-	٥				¢	4	-	٥		,	413	П
John Colizater.	The state of the s	-	,	1	,		L			Ͱ		┞		-	٥	-			٥	٥	***	L	٥		2, 4	
Kind Marting	Continue at the continue of the	ļ	ľ		,	₽	╀			c	ı	0			٥	:	711		o	v		-	٥	< 4	3.4.1	_1
Markel Barres	San Tenacio III same		2		1		ŀ			c	-	ē			ç		¢			7		٥	ů	1	14.5	٦
C? Total						1																ł	ŀ	ļ		7
	10 Interviewers			0	0/	0	0	0	0	۵		٦	9	0	10	٥	٠	7	<u>,  </u>	0/	0	0	`` ``			T
			14, 800 8, Apr						S. S. C. S.	98(838)89					40.00	30000	4.454.365	(1) (2) (3) (4) (4) (4)	00000	0000		Continue	opidential and service of the servic	3 () 3 ()		T
	The second secon			ŝ	100	521 28 46 42 32 0 1 5 15	1	۰		**************************************	2	3	1 0	0.00 0.	*	0.0	.26	6	**	ò	1.00	00 00 00 00 00 00 00 00 00 00 00 00 00	80		STATE OF THE PARTY	
									1									į		l					Ì	

Table 6-4; Questionnaire Survey for Beautify Granada Campaign (Before)

											98			880008800000		***
HARA & MOLECCO	OIFSTIONNAIRE	ö				ð						3				
						D Water		W. Water		15	0		٥		ø	
		-   ¥	ç	¥.	ç	- SE	١,	YES	NO YES	S.	X YES	98	YES	Š	YES	Q
Description Comments		_			1	<b>!</b> —	1-	-								
Darrio Darrolonie		-	T		1		-				•		-	-		٠-
1. Blanca Sandino	Chico Inpa 1c None	-					-	<del> </del>	-	-	-		-		•	
2. Lillian Chavarria	Chico Inpa zo Notre	-   -		1.				-	1	-	•		,			1
3. Gloria Diaz	Chico Tripa 3c Nore	+	$\dagger$	- -	1	+	╁.		+		•		7		r	
4. Leotilda Reyes Lider	Chico Tripa 3c N.1/2 lago #78	-	1	-	1	+	+	+	+		·  ,		Ţ,	-	,	
5. Reyna Aleman	Chico Tripa 2c Oeste	-		-	1		+	+		-						,
6. Martha Espinoza	Chico Tripa 2 1/2c Norte	-			-				<u>-  </u>	-	-			1	1	-
7 Miram Gladys	Chico Tripa 5c Norte	-	100	;. :		. 1		-		-			-	1	-	
A Adiia Maiia	Inta 4c N 1/2c lago	-				10 mm	•	-		-	-		•	1	-	
O Martha Blanco	Nacional Comercio 2 1/2c N	-			,	-	-	-		1	-			1	-	١
9. Martha Diarro		,	T	•	. ,	-	<u> </u> -	-	-	•	•		•		5-	
10, Maria Brenes	Chico Tripa 3 1/20 Norte	- 3	•	-	Š		•	a		1	10	٥	9	o	7	'n
Sub -i otal													·			
0		<b> </b>	Z	>	z	>	z	  -	z	Z >	<b>&gt;</b>	N	٨	N	<b>&gt;</b>	Z
VIIIa Sultana / Reparto railcasail		<b> </b>		-	T	-	<del> </del>	-	Ľ	-	-		1		<b>-</b>	
1. Luisa Obando	Escuela 10. oeste, 1/20 SUr	-	1	-		,	+				•		÷	-	,	
2. Gloria Campo	biblioteca 75vrs lago(V.Suft)	+	Ì	1	1		+	-		_	+			T		
3. Maritza Lizamo	Centro de Salud 1c Norte	+		-		-			+	'	-  -		-		+-	
4. Socorro de Garay	Shell Guapinol 8c Norte	-	1	-	1	-	t	-			-   •		. ,	Ť		
5. Sebastian Zeledon	Shell Guapinol 9c Norte 1/2 abajo	-	Ī	-		-	+	+	+		- -			1	1,	
6. Mara Garcia	Igi. Hermanita Socorro 2c Norte	-		-			- -	+	_		-			T	-	
7. Mabel Lopez	Reparto Pancasan #32	-			-	-		-		-	-		-			١
8. Alexandra Hernandez	Shell Guapinot &c N 1 1/2 lago	1	- 1	•		:	-	2.			-	_			-	١
9 Rosa Gonzalez	Hermita Socorro 1/2 N (Dom)			-		:	·	-		7	-	_	•-		-	
Sub -Total		8	0	8		9	7	80	-	8	ő	٥	8	0	8	
				1											Ì	
Campo de Aterrizaie		<b> </b> -	2	>	z		Z	Α.	2	ν	<b>≻</b>	2	>	z	>	2
1 Cocar Chamorro Lider	Hospital Cocibolea 1 1/2 Sur	-	77.7					1.	;	- - -	-				-	
2 Elizabeth Contables	Con NI 2 10c al Oosta	-					-	.1	· ·	-	,-	_	-			
Z. Elizabetti Solizarez	ESC. NO 4 1120 01 00300															

3 Eddy & Chamorro	Preste a free les Nac Cloids	-	-	_	_	<b>-</b>	-		<u> </u>	-		-		1	1
4. Ana Julia Jimenez	Tanque Sn. Marta 3c. abaio	-	-	_		-	-			-		-		4	
5. Juan Bosco Martinez	Km 45 1c, Sur. 1/2c, al Oeste	-		-	-		-		\ \-		1	1		-	
6 Francisco Lobez	De los tanques 2c. al Oeste	-		-		-			-	-	+	1		+	
7. Pabon Martinez	Esc. NU 2c. oeste, 1c. Norte	-	-	_	_	-	~		-		1	1		1	
8 Gerardo Jose Morales	Iglesia El Capullo 1e al Jaco	-		-		-	-		_	-	1	. 1			
9. Orlando Chavama	Km 45 2c sur. 1/2 al Oeste	+		-	ų.		•		-	<b>.</b>	1	1	:	1	
10. Urania Medina	Parada Managua 4c.al Oeste	-		_	-	-	-		-	-	4.1	+		·	
11. Sonia Chavarria	Emergencias 7c. al Oeste	-	-	-			1	·		1	1	1		•	
12. Nubia Del Castillo	Emerg 3c. oeste, 11/2c Este	-				1 1	1		:		1	•			
13. Mariela Varela	igi.Fatima 1c. Sur	-		-		1	-		1		1	*		-	
14. Olda Maria Flores	Frente al Campo de Aterrizaie	-		-		1 1	-	•		·	- <del> </del> -	+		1	
(ZZ)	Bus Managua Sc. Oeste 1/2 Norte	-		_	-		F	-		<u>.</u>	+	+		· -	
Sub-Total	Ô	15	0	9 0		2	45	0	ø	11	15	0 15	0	15	ø
			1												~-
Reparto El Rosario / El Escudo	cndo	<u> </u>	z	2 >	<b>\</b>	N	. <b>λ</b>	Z	٠٨	N	١ ا ٠	N	Z	Υ.	2
Olivia Castro	Bar Escondido 2c. Sur	•				+	ļ			.	: -	:		,	
2. Luis Manuel Ortega	Iglesia El carmen 75vr Oeste	-	1	_		,-	-			1	.1			-	-
3. Justina Caldera	Uit. calle 2c.sur,1/2c. Oeste	1	,			•		:	1		-	-		-	
4. Flor Ma. Robelo	De Escuela Mixta 1c. al lago			1		1	•	1		<b>-</b>		-		•-	
5. Maria Isabel	3 entrada Escudo2 1/2 lago	γ-		1		-	•			ı		1		•	
6. Alba Rosa Solis	2 entrada Es. 2c lago 1/2 Sur	٠		:			•			1 - 1	+	*		1	
7. Eduardo Jerez	Aserrio Tiburcio 20vrs. Este	-		1 2 2	-		-		1		-	-		<b>*</b>	
8, Maria Ortega	3 ent Escudo 3c lago 1/2 Sur	,		1			•	-	1		٦	-			
9. Josefa Herrera	Escuela 25 vrs. Oeste	. 1					1			<u>:</u>	-				-
10. Pedro Rodriguez	3 entrada Escudo	1.0	1		]		1			-	<del>-</del>	-			-
11. Leonel Chamorro	3 entrada 1/2 lago 1/2 Sur						1				  	*	1		
12. Maria Ramos	3 ent Escudo 1c lago 1c Sur	1		1			-			_	·	-	÷	1	
13. Jeronimo Zuniga	Pita Agua 100vrs. Oeste	ļ					,	-			1	-		•	
14. Laura Sandino	Contiguoa a la Escuela	-		-		-	1		. 1	-	1	-			
15. Josefa Espinoza	Escuela El Escudo	1	_		1 - 1		1			1	<del>.</del> .	-		•	
16. Cesar Quezada	3 c. de Esc. Mixta 10vrs Oeste	+			1 1		<b>-</b>		7.	Ţ	-	1.	:	•	
Sub - Total		46	0	16 0	2	¥	16	0	7	12	16	0 16	o	-12	4
					١										

Frail de Sn. Lucia   Frail de Sn. Lucia   Frail de Sn. Lucia   Frail de Sn. Lucia   Frail de Sn. Lucia   Frail calle Sn. Lucia   Frail calle Sn. Lucia   Frail Sn. Lucia   Frail Sn. Lucia   Frail Sn. Lucia   Sn. Sn. Sn. Sn. Sn. Sn. Sn. Sn. Sn. Sn.			>		>	z	-	2	>	z	>	2	<b>-</b>	2	ν >	٨	Z
Final de Son Lucia Environe a Julea Callejas I I I I I I I I I I I I I I I I I I I		Notice to Contracts			-		-	-		-	<b> </b>	-	\		1		
Frethe Jelena Crabal Frethe Helena Crabal Frethe Helena Crabal Frethe Shutlea Librarian Frethe Helena Crabal Frethe Shutlea Jack California Jalea C. Frethe Shutlea 100ms, lago Frethe Shutlea 100ms, lago Frethe Shutlea Jack California Jalea C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea Jack C. Frethe Shutlea C. Frethe Shutlea Jack C. Frethe Jack C. Frethe Shutlea Jack C. Frethe Jack C. Frethe Shutlea Jack C. Frethe Jack C.		World of Zelinada	. -		-		-		-	T		-	<b></b>		-		1
Frence Fielder Created   1		Final de Sil Lucia		T	-	1	1	-	<del> </del>	l	$\vdash$	-	-		1	-	
Final carles Chizal   Final carles Chizal   Final carles Sh. Lucia 20: Note   1   1   1   1   1   1   1   1   1		רופועפ מ טמיפת למוויקומט	-		.	Ť	<u>†</u>	-	-		┝	-	۱-	-	<u>_</u>	1	_
Final calle Sh. Lucia Chortes Laborates 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Frence Hielera Cristal	T		<u>†</u>	T	1	$\dagger$	<u> </u>	Ť	l	١,	-		-	•	-
Frenthe Fabrica Julia Galejas		Final calle Sn. Lucia	-	1	-		$\dagger$	+	1	+	+	<del>-</del>   ,	+	╁		`  -	-
Final Sn, Lucia 2c, Norte		Frente Fabrica Julia Callejas	-		-			-	-	+	+	-	-	1	_	-	
Final Sh.Lucia 100mis, lago   1	7. Mayela Torrez	Final Sn.Lucia 2c. Norte	-		-		1	-	-	1	-	-	-	+	_	-	$\downarrow$
Frente a la Quinta Jalea C.   1   1   1   1   1   1   1   1   1	8. Carlos Gomez	Final Sn.Lucia 100mts. lago	-	-	1	-		-		1	-	1	-	+	_	<u>`</u>	_
Frente a la Quinta Jalea C.   1   1   1   1   1   1   1   1   1	9. Francisco Diaz	Contiguo a Callejas	1		-			-	7	1	-	1		+	_	-	_
Final de calle Sn.Lucia 25V.   11   0   10   1   1   1   1   1   1	Ş	Frente a la Quinta Jalea C.	-			1		-	-	-		-	-	+	-	7	
Cabado Portobanco		Final de calle Sn.tucia 25v L	-		-			-	-			-	1		۲.	-	
Calzado Portobanco	Sub-Total		F	0	2	-		10	Q.	,	3	8	F	***		7	0
Cabzado Portobanco 1 1 N Y N Y N Y N Y N Y N Y N Y N Y N Y													ļ	1			
Testro Karawala   1	Central Area		>	Z	<b>&gt;</b>	Z	Y	N	<b>,</b>	z	<b>\</b>	z	Υ	z	Ζ }	^	Z
Teatro Karawala	1 Socomo Melia	Calzado Portobanco	-		,-			1				<b>,</b>	-	_	-	-	
Cuerpo Bombero 1c.O.25wr S         1 </td <td>7 1 1 C</td> <td>Teutro Karawala</td> <td>-</td> <td></td> <td>1</td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td><b>+</b>-</td> <td></td> <td>1</td> <td></td> <td>-</td> <td></td> <td></td>	7 1 1 C	Teutro Karawala	-		1			-		-	<b>+</b> -		1		-		
Mercado Municipal 1/2c N.   1   1   1   1   1   1   1   1   1	2. Luis Dodge av	Cuemo Bombero 10.0 25vr S	_		-	-		-	-				1			-	
SANCENTRO 1/2e lago	4 profes Maldonado	Mercado Municipal 1/2c N.	-		-			-		1		1	1				
BANCENTRO 1/2c lago	A Choose Battodano	Centro Comercial Portal	-		-		:	<b>,</b>	:	-			-				
V.Sandino calle Principal G. A	6 1 ucia Buíy	BANCENTRO 1/26 lago	-		-					-		<b>V</b> -	-		-	-	_
BANIC 1/2c. al Sur 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 Esther Paniadia	V.Sandino calle Principal G. A	-		-		:	٠	ļ			<b>T</b> -	-		<b>-</b> -	٠-	rak, da ya
Iglesia Merced 75vrs. Este	A Deaths Vens	BANIC 1/2c al Sur	-					-	ı			-	-		·-		_
Thile Sharking Shark Sur, 15 Este   1   1   1   1   1   1   1   1   1	o forma Cabatas	Inlesia Merced 75vrs. Este	,-					,-	-	-		1	-				
In / Las Camelias       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N	Sub -Total	0	٥	a	8	0	0	6	6	9	F	8	Ď)	0	0	8	٥
se Camelias       Y       N       Y <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>į</td><td></td><td>ļ</td><td>Ì</td><td></td><td></td><td></td><td></td><td>-</td></th<>									į		ļ	Ì					-
2 PortonCementerio 175vrs N       1	Barrio El Bolson / Las Can	nelias	<b>\</b>	Z	٨	Z	۲	z	>	z	>	z	<b>&gt;</b>	2	2 >	+	2
Bar limonsite 4 casa arroyo       1	1 Armando Ruiz	2 PortonCementerio 175vrs N	1		-			-		-	1	-	-	7	-	-	
Trillo Sn Alfonso 1 c N 25vrs O       1	2 Ramiro Gonzalez Lider	Bar limonsito 4 casa arroyo	-		-			1	*-		-				-	<u> </u>	
Bar Limonsito 25mt Sur, 25mt O       1       <	3 Ramon Garcia	Trillo Sn Alfonso 1c N 25vrs O	-		-			-	-			-		$\dashv$	-	`	
Z Trillo Sn Alfonso 1/2c, N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 Maricela Rivas	Bar Limonsito 25mt Sur. 25mt O	-		-		-					-	+		-		
Polvora 2c Sur, 1c Este 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5. Catalina Gomez	Trillo Sn Alfonso 1/2c, N	-		,-			,			-		-	_		-	
Polvora 4c Sur	6. Silvia Mora	Polyora 2c Sur, 1c Este	- -					7	-		1	-	-	+	-	`	-
	7. Carlos Gomez	Polvora 4c Sur	1		-		_	-	-		-		-	1	-		-

		-	L	-	<u> </u>	L	ŀ	Į.		r	Ţ.	,	-	-		•	. <u> </u>
8. Luis Montiel	Trillo Sn Alfonso 1/2c N 1c O	$\dashv$	_	+	_	$\downarrow$	-	-		Ì	1	†	$\dagger$	1,	T	<b> </b>	1
9. Rosa Mendez	Trillo Sn Alfonso 1/2c Norte		1		-	$\dashv$	-	-		1	-	-	+	+	+	-	T
10 Masia leabel Contono	Col Not Stopso 10 N 10 O	-	-		1	. :	-	-		•		·	-	<b>-</b>	-		
Cr.k Total			10	0	10 0	2	8	40	9	7	9	10	9	10	0		6
													ļ		Ì		
Opposite October		H	<u>_</u>	z	<i>Z</i> ≻	<u>}</u>	z	۶	z	٨	Z	Υ	2	<b>&gt;</b>	z	>	z
1 Aaron Alvarez	Detres del Col. Hermanos	├	-		_		-	. •			Ţ	,-		<b>-</b>		-	
1. And Misses	Costado Oeste Col 80m Sur	<del> </del>	-	-	_	_	-	-			+	-					
2 Marie 1 nice Areas	Detrac del Colecio & C.S.	+	-			;	-		:		ı	,				<b>*</b>	
3. Maria Luisa Maria	Del caral al chaseo	╀	-		_	-	-	-			ļ	ļ-		۲-			
4. Antonia Nac	De la Escuela bacia el Sur	+	-		-		*				1	-		•-		-	
6 tulists Arana	Costado O de 3 cruces (pul.)	-	-	-	_	-	_	1		1		-		-	_	-	
V. Juneta Alaria	Colecio Omite al Sur	t	-	-		_	-	ļ.			<b>.</b>	1		<b>,</b>		٠-	
7. I Original Zallibianio	Contact North Ce to Facingle	╁	-	-	1	-	ŗ	٠			1	,		۳-			
o. Consultation of Action	Declarate 10 me al Refe	╁	-	_	-	-	_	-				-		•	_	-	
S. Claudia Curoz.	Federal America	╀			-	ŀ	-				-	-		-		4-	
To. Argentina Kiveras		╁	<del> </del>	-	-		-	1		-	-	-	-	1		*-	
11. Jesica Silva	Kastro Vieto 100vis al Sul	╁	+	+		_	-			-		-		,-	-	-	
12. Juan Battodano	Esquina Escuela 2c. None	$\dagger$	_	+		+	- -			1	<u> </u>	•		<del> </del>	<del>  -</del>	-	
13, Rosario Nicoya	Escuela 1 1/2c. Sur	+	+	+		+	-	-[		1	1	+	+			•	T
14. Antonia Gutierrez	Colegio 1 1/2c al Sur	┪	_	1	,	+	-	-		1		<del> </del>	+	<del> </del>	†	†,	T
15. Maritza Castillo	Rastro vj 150vrs card. asesas	-	_		,		-			-	1	+	+	-		,	T
16 Gloria Naras	Colonia Mombacho #54				1		-	-		1	-	-	+	-	1	-	T
17 Carol Flores	De la entrada 150vrs Oeste	-	-		1	1		- 1		<u>:</u> _		-	1	-	1	-	
18. David Palacios	Frente a Testigo Jehova (pul.)		1		1		-	-			-	-	1	-	+	-	T
19. Esperanza Arana	Adeita 1		-		1	$\dashv$	-	-		1	-	-	+	-	+		T
20. Juana Zuniga	Costado O.Colegio 25vrs. Sur						<b>,</b> _	-		_	-	-	+	-	1	-	T
21. Socorro Ramos	Costado Sur Escuela			·			-	-			-	_	+	-	+		T
22. Candida Rosa	Cost. Sur escuela 1/2c. Sur	-			1		7-	-1		-		-		-			
Sub -Total			22	Θ	0 2	3	81	22	0	Đ	P	×	6	N.	0	8	9
						1								-			7
Reparto Eddy Ruiz III		-	<u> </u>	z	ν -	٨.	Z	Y	Z	χ.	z	>	z	>	Z	<b>&gt;</b> -	z
1 Maria Conteno	Rest Colina 2 1/2c lago 20v.N	$\vdash$	_		<u></u>		-	-		-		1		-		-	
V Righ Hemandey	Estacion 1c. lago, 2c. Norte	<u> </u>			,		1.	1		1		-		-		<b>.</b>	7
A Certa largino	Molino 1c Node 1/2c lago	┞	_	_	_	_	-	. [			1						]
5. Cella carden		1										:					

		ŀ	ŀ	-		_	Ļ	Ī	-		_	_		*	
4 Carmon Sectionia lider	Molina 3c. hacia el arroyo	-		-	_	٠-	٠-		+	-	-	+	1		
	Doet Coline 20 Note	-	_	-		₹-	*			-			$\frac{1}{4}$	-	
5. Jonaria Jiron	Most contract to the second	-	$\vdash$	-	_	-	-	_		-	-			ψ,	
6. Armando Gonzalez	Rest, Colina 2c al None	+	†	<u> </u>	+	<u> </u> -	,		+		١,-				
7. Maritza Marenco	Punte 1 1/2c lago, 1/2c. N.	+	$\dagger$	<u> </u>	$\frac{1}{1}$	- -  -	. .			-	-	Ì		٠,	
8. Noel Collado	Rest.Colina 1c. Oeste	+	+	_	$\frac{1}{1}$	- -	<u>.</u>	1	<u> </u>	+	<del> </del>		  -	,	
9. Maritza Aguilas	Biltar 3c. Norte, 2c. lago	-		-	$\frac{1}{4}$	+	-		-   ,	$\dagger$	+,		  -		],
10. Esmelda Martinez	Bitbao 2c. lago	-		_	-	-			-	+	+	+	+	\\	-
11. Arlen Padilla	Rest Colina 4c. lago	₹"		-		-	-		1	-	-	1	-	- ,	
12 Seneila Morales	Rest Colina 3c.L. 1c.N. 1/2cL	r		1			-			-	-	+	1	۲.	
4.3 Tella Martinos	Rest Colina 2c. lago, 2c. N	-				-	+			-	-				
4 A Marie Commons	Molipo 10 Norte	-					+			-	-		-		
Tr. Warla Carriora	Ollegen 4 o North	-		-	$\vdash$	-	1			1	-		_	۲۰	
15. Mercedes Mangalo	Oliverson III Steams	-		-		-			-		•		-	۴-	
16. Sandra Picado	Sabailette III Litaba	-		-	٢	_	-		-		1		1	<b>~</b> -	
17. Deyanira Mann	Rest. Colling Oc. lago		1	-	<u> </u>	-  -	-				•	-	1	-	
18. Manuel Ruiz(bloquera)	Billares zo. None, 10. cste		†-	-		٢	-			-	-		-	+-	
19. Maria del Socorro	Contiguo a Bilbao	+	†		+	·  ·			,		,	_	Ļ	,.	
20. Julio Duran	Rest, Colina 1 1/2c. lago	-		-		-	-		-			- 2			
Sub -Total		8	0	8	9	2	2	3	•	3	3				
				-	-							ŀ	ŀ	;	
ILa Talouiera / La Sirena / El Resbalon	El Resbalon	Υ.	z	_ ≻	×	z	<b>&gt;</b>	Z	>	z	<b>,</b>	2	z  -	-	z I
1 Maria Garcia	Puente Palmira 1 1/2c, lago	-		1		-	-			-	-	_		v-	
2 Montal Strates	Detras de la Policia	-		-		-	+		-		-	1	-	-	
A Children Amb	Autolavado Amy 2c Iago	ţ	-		<del></del>	1	-			•	*		<b>V</b> -	4,	
S. Marrio Elorad	Panaderia 1c oeste 1c. Sur	-		-		1	-			-		-	_		
S Brigido Ondos	Panaderia 1/2c. lago, 1/2 Sur			1		-	-			-	7	+		-	
A Dominos Bendana	Hotel Granada 1/2c laco 1c S	F		•		1	-			۲-	-	1			٠.
7 Fushm Matisipe	Frente a Bilbao	-		-		-	**			-	-	-	_		
o Lina Oscano	Special Sim	-		-		1	1				-		_	-	
o, sual Crosca	Out of the Api Con	-		-	_	1	-			1	-		·····	٠.	~~
9. Samuel Wolgies	משום כון המשום כו	,		-		-	,-				-			•	-,
10. Francisco sequeria		1.	t			,-	٠		1		+				<u> </u>
11. Joaquin Orozco	Reparto Sn. Ana	<del> </del>	T		+	-	-			-	٠-			<b>v</b> -	
12. Carmen	de la Duice 1c. Sur	1	†		<u>'</u>	-	-			-	-		_	Ľ	,
13. Vilma Gutierrez	Final de la Loma de Mico	_	T	-	+		- -		,		-	<u> </u>		,	<u></u>
14. Manuel Chavez	Detras de donde las dulces	-	1		-		-		-	1	-				

15 Lucia Garcia	Mercado So lado 16. Sur	-	-		-	-	_		-	-			1	
16 Mercedes Hemandez	Final de calle Ouiscoma	-	-			-	_		-	-		1	*-	
17. Francisco Sanchez	Mercado Sc. Jago	-	-			-			٦	1		1	ν-	
18. Grogania Sanchez	de donde las dulce 1 1/2c. L	-	-		1	1			<b>v</b>	-		F-	-	_
19. Mercedes Barberena	Entrada 25vrs, Sur	-	1			1 1			-	·-		_	-	
20. Graciela Rocha	de donde las dutce 20vrs E		1			1 1			-	-			-	
21, Petrana Sambrano	Final Loma del Mico	1	1	_		1 1			<b></b>	-			۲-	_
22. Alejandro Munoz	Gaviota 30vrs. Sur	-		1		1 1		1		-			-	_
23. Emelyn Rocha	Gaviota 1c. S. 25vrs. lago	1		1		1   1			-	-		_	٠,	-
24. Maria A. Arana	Gaviota 75vrs, Sur	•	1			1 1			-	-	_	_	۲۰	
25. Marlon Sanchez	Gaviota 1/2 c. Sur	-	-		,	1 1		1		-			+	
26. Esperanza Centeno	Igles, 1c. Norte lago	<b>-</b>	+			1 1			*-		_	-	٠.	
27. Maria L. Robledo	igles. 1c. Norte	-		-		1 1			٠	1"	_	_	+-	_
28. Juana Gonzalez	lgles, 1c. N, 1/2c, lago	<del>-</del>				1 1			. 1	1	_	_	+	
Sub .Total		28 0	**	3	•	24 28	0	6	R	28	2	28 0	8	0
														of some and a
Pilot Project Areas and Surroundings	moandings	- 	<b>!</b> -	**	9	70 80	0	23	25	90	0	80 0		•
Other Areas of the Gity		20		23	4	53 67	6	91	13	70	0 7	0   02	63	7
				ż					•	:	•			
		Z 	>	z	<u> </u>	> z	z	٨	z	 	z	N .	>	Z
TOTAL INTERVIEWEES		150 0	135	12	R	123 141	6	38	11	156	0	150 0	142	8
DEDPENTACE (%)		100 00	0 06	100	3000	82.0   94.0	0.9 0	28.0	74.0 100	-	0.0	400 000	1.38	5.3
			1		N N		4			ł	1	1	***************************************	

Note: Questionnaire survey (before) carried out on June 16th and 17th, 1997.

Table 6-5: Questionnaire Survey for Beautify Granada Campaign (After)

											***************************************			***************************************						
	BOLVEIGNES	•	***					ě						3					Ś	
LOCALION & NAME	LOCO I COMMENTE				f										*				•	3
				Ne ti se		F. Water	-	A Water	4				1	- 10				+		T,
	ADDRESS	53.	ON	848	NO.	YES	VO	YES NO	3 YE8	<b>9</b>	YES	Ş	YES	9	ĘŞ	2	<b>KE8</b>	2	YES	3
									:		:		111							1
Barrio Darloidire	Original Action	-			-	$\vdash$	-	-		-	1		-			-	-	-	익	آر
1. Bignea Sangino	Chico Inpario Note			,		-	-	-			Ŀ		-	_	1				-	
2. Lillian Chavarria	Chico I ripa zo Norte		†	1,	$\dagger$	$\dagger$	<b> </b>			-			-		-				1	
3, Gloria Diaz	Chico Tripa 3c Norte			_	+	+	<u> </u>  -  ,	<u> </u>  -	1	<u> </u> ,		T	-	-		-	-	_	Ţ.	
4. Isirys Molina Reyes	Chico Tripa 3c N,1/2 lago	-		_	1	+	_			-		T	1	1	+,	$\dagger$	<del> </del>	L		1
5. Francisca Flores	Nacional Comercio 4c.N	<u>-</u>		-	1	+	_	_		-	-		-	$\dagger$	1	1	-		+	T
6. Jairo Cortez	Chico Tripa 2 1/2c. Norte	1		1,		- 1	-	-	-	-	-	1	-	+	_	+	1	_		$\int_{0}^{\infty}$
7. Miriam Gladys	Chico Tripa 5c Norte	1	3	1	* :		_		:	-	-		-	1	<u>-</u>		-	-	2	1
A Adilia Melia	Inta 4c N. 1/2c lago	1	<u> </u>	-	:	- :		1		-			-		-	-	_			T
O Martha Dianco	Macional Comercio 2 1/2c N	7		-	-		1	1	- 1		1		-	-	<b>1</b> -		-	-		
9. Wattra Danco	Original Prince of A Complete			-	Ė		-	-	1		1			:	•					
10. Mana Brenes	Crico Iriba S 1/20 Notre	- 10		-	1				•	•	9	5	46	ø			1.4		7	0
Sub-Total		9	0			•	2													
			۲		-	<b> </b>	-	$\vdash$	$\vdash$	1	,	2	,	2	<b>&gt;</b>	2	<b>&gt;</b>	2	ν	2
Villa Sultana / Pancasan		<b>&gt;</b>	z	<b>&gt;</b>	2	+	2	2    -	╀	2	-	2	1	†	<del> </del>	+	<del> </del>	╁	╁-	Ī
1, Luisa Obando	Escuela 1c. Oeste, 1/2c Sur	-		-					-				-	7	-	1	-	1	. `	T,
2 Martha Meiia Perez	Fte, Farmacia Espanola	1		-			+	1		-	-		-	1	-	1	+	-	+	
3 Nidia Yoiana	Frente a Centro Salud(Panc)	-	<b> </b>	-		,	1	1		- 1	-		-		-	1			_	
A Emiv Carav	Shell Guaninol Be Norte	-		-			-	1.		. 1	1	: 1	-		-				-	
There's America	aton of concentration		┢		-		-	-	:	1	1		-	-			•		1 -	
S. Inecoded Alerian	Int Hermanita Socorro 2c N			t	-		1	; •		-	-		1	1	1.				<b>-</b> -	-
7 Rispes Daction	Shell Guaninol 9 1/2c Norte	-			-		-	-		+			.1	-	:	-	Ţ	_		
8 Alexandra Hemanday	Note Concern Con No.	,		-			,-	_		1	1		-		<del>-</del>		_	<del>-</del>		
The value of the second of the		ŀ		,		-			1			11.0	1		•	:			-	
9. Rosa Conzalez	Hermita Socorro 1/2 in (Lonii)	- 6	¢	-	•				"		•	•	•	•	*	+	7	- 2	.   2	Q.
Fro J. Oho		*											:	:						
		H		<b> </b> ,		<b> </b>	-	2	-	Z	\ _	Z	>	z	<b>&gt;</b>	z	<b>~</b>	z	٠ ۲	N
Campo de Aterrizaje			2	- ,	+	-	+	+	╁		-		-	T	ļ.	-	-		  -  -	
1. Jannete Chamorro	Hospital Cocibolca 1 1/2 S	1	1	-	$\dagger$	+	<u> </u>	<del> </del>	-	\  -			,	l		<b> </b>		-		Γ
2. Elizabeth Gonzalez	Esc. NU 2 1/2c al Oeste	-		-	1	$\dagger$	_ ,	+	╬	-	-		- ,		†,	╁	-	-	╀	T <sub>o</sub>
3. Nela Lopez	Tanque 1 1/2c. Oeste			7		1	-	-			-		-		-	4			1	,]
		,		•				:					:							

						-	<b> </b>	<b> </b>	Ė		-	L	-		-	_		-		0
4. Agusto Ocampo	Frente a Escuela NU.			-	1	$\dagger$	<u> </u>	<del> </del>	Ľ	-	`  -	1		L	•				,-	Ţ
5. Juan Bosco Martinez	Km 45 1c. sur. 1/2c. al O	-		1	-	$\dagger$	+	+	+	-	+	1	-		1	ŀ		Ī	,	T
6. Mireya Cordero	Hospital Privado 1c, Sur	,	-		-	1	_		_	-	<u>-</u>						-		+	1
7. Elton Jose Munoz	Esc. NU 2c. abajo	-		- 1	-	-	-1	1.		1			-		-			-		٥
8. Maria Elena	Esc. NU 2c. Oeste 1c.Norte	-		1			-	-			_		-		-		-		-	
9 Orlando Chavarria	Km 45 2c Sur. 1/2 al Oeste	-		-	-		-	1.		-	1		-	-	-		-			
10. Ravan Gutierrez	Km 45 1c. Sur 1/2c. Oeste	-		-			1	1:1		1	1	-	-		-		-		-	_
11. Jefferson Lombi	Emergencias 7c, al Oeste	-		-			_			1	1		1		-		-	:	-	
12 Rosaibel Selva	Tanques 1 1/2c. Oeste	-		Γ	-		_	-		1	1		,		-	-:-	*-			1
13. Mariela Varela	ldi.Fatima 1c. Sur	-		-			-	-		1	1	_	٠		-			-		0
14, Jaime Cano	Hosp. Cocibolca 2c. S 2c.O	-			•			1 - 1		1	~		-		-		-			· · · · · · · · · · · · · · · · · · ·
15. Rocello Martinez	Bus Managua Sc. O 1/2 N	-		:	-			1.04		-	1		<u>-</u>		7		-		-	
Sutt-Total		7		•		•	7	3	Į.	10 6	31	0	7.	•	7		11	•	F	٥
						;		:											Ì	
Reparto El Rosario / El Escudo	Condo	-	z	>	z	  ≻	-	×	_	N X	<b>≻</b>	Z	>	Z	<b>&gt;</b>	N	٨	Z	<b>&gt;</b>	z
1 Maria Flores	Frente Pila de Acua			-			-	-		* <del>-</del>		- :	-		-1-		·	*-		0
2 Line Manuel Ortons	Inlesia El carmen 75vr.O.	-		-	┞		-	-	\ \frac{1}{2}	,			-		- 1		į		1	
3 Cilvia Trans	Fronte a Pila de Aqua	-		-			-		-	-	_	L	-		-		~ 1		1	
4 Martha Marcie	Frente a Pila de Actua	-		-			-	-	-	-	-	_	-		"-	:	ţ		,	
5 Ana Maritra Costa	3 entrada Escudo 2 1/2 lado	,		T	-	$\vdash$	-	-			-	_			+		,		-	
6 Activate Teller	Contiguo a la Pila de Agua	-		-	İ		-	_	H	_	-	-			~			1		0
7 Jerasmo Blandon	Aserrio Tiburcio 20vrs. E	-		T	-	-	-		_		-		_		1		1		1-	
8. Maria Heman	Cementerio 1cLago 1/2c Sur	-		7	-		-	:	-	-	1		<del>-</del>		ı		**			Ī
9. Josefa Непега	Escuela 25 vrs Oeste	-		-	<u> </u>		-		*		1		•	:	<b>v</b> -				-	
10, Pedro Rodriguez	3 entrada Escudo	-		-	-		_			1	. 1	:	1		-					
11. Mercedes Barrera	Costado Oeste Pila de Agua	-		1			-	1:-		- 1	÷-				٧		,-	•	,-	
12. Auxiliadora Ramirez	De la Pila 2c. Oeste	-	,	-			-	1			-		-		-		-	7	-	
13. Leticia Solis	2 entrada 2c. Lago 1/2c. Sur	-		÷	<u> </u>				1 1		-1	*	÷		;- ;-			·	-	
14. ENa Ocon	Escuela 1/2c. lago	-		-		-		1	1				-		-		٠-		-	
15. Violeta Caballero	Del puente 1c. Sur	1		1			-	-	-		,		-		-			-		
16. Salvadora Baltodano	3 entrada 1c. lago			-			1	1			-		_		-					
Sub -Total		9	•	18			94	•		9 01	16	0	*	e	12	•	2	•	2	4
The second secon									٠.	18 1 1 L	* ;					4				٦
Reparto Silvio Ruiz		>	2	>	z	<b>X</b>	N	<b>.</b> ≻	Y N	2	<b>\</b>	Z	٨	z	<b>&gt;</b>	Z	<b>&gt;</b>	z	<b>&gt;</b>	2
Ospaino Viino Viene							┨	1		$\frac{1}{2}$										

				ľ	<b> </b>	-	-	}	ŀ		-	L	F	ľ	-	$\mid$	ŀ		ľ
1. Mario Fernandez	Frente Hielera Cristal	-		-	†	+	+	_	1	-  <b>,</b>	ŀ			Ī		-	-	_	-
2. Amalia del Socorro	Frente Ot. Jalea Callejas	-			-	+	+	+	+	-	_	_				$\dagger$	╁	╀	1
	Final calle Sn. Lucia	-		-		-	<b></b>	_	$\dashv$	-	-		-		-	+	╀		-
	Final Sn. Lucia	<b>-</b>		-			<b>~</b>	1		-	<b>-</b>		-		-	+	-		-
	Frente Hielera Cristal		-		-	-	-		<u> </u>	-	-	_	-		-	1	-		<u> </u>
	The state of the s	-			-			-	1		-		-		٠,		1	-	_
	Final Shi Lucia (Ourn. layo	- -		1	1	╁	-	+	-	-	Ŀ	_	Ŀ		Ť		1	1	
7. Miguel Garay	Final calle Sh. Lucia	- ,		1	T	+	<del> </del>			-	-		-		-	_			0
8. Ramon Antonio Miranda   Final calle Santa Lucia	Final calle Santa Lucia	-		-	1	$\dagger$	<del> </del>	+	<u> </u>	+	1	L	ŀ			-	-	-	-
9. Amelia Meneces	Frente Ot. Jalea Callejas		-	1		1	_	+		$\downarrow$	1	$\downarrow$	I		1,	$\dagger$	<del> </del>	ľ	ŀ
	Frente Hielera Cristal	-		1	7		1.		7		-		-		-		-		
		8	3	•	7	•	9		3	<b>).</b>	9	٥	2	•	9	•		*	2
						1	_					:					+	-	-
		>	2	>	z	>	2	    >	Z	2	٨	Z	' λ	Z	<b>X</b>	z	<u>`</u>	×	2
1 Dames Acet	Calle Atravezada	-		-			-	_	_	-	1		1		4+		_		$\dashv$
ramon Lopez	Total Campaign				-	-	-	-	_	-	ļ.		1					**	0
Z. Warlo Paima	Catto Caha	-		-	T		-		-	٠- -			1		1		-	-	_
	Diliai Gaba	.			ţ,	$\mid$			-	-	-		-		4-			,	
	POPS	-			T,	1	- -		+		-		,-		,	-	-		
5. Noel Sambrano	Ferreteria Datisa	-   ,		1.	1	+	╁.	╁	ļ.	`	_					-	-		-
6. Andres Maidonado	Cafelin Sagitario	-		-		†	+	+	<u> </u>			L					<u> </u> -	-	C
7. Maria Montiel	Cpo. bomberos 1c. O		-		-	+	-		+	-	1	_				1		,	-
8. Socorro Mejia	Catzado Portobanco		1		-	1	-	1		 		_	-		1	+	+	<b> </b>	╀
9. Gerardo Ortega	La Curação	÷.		,		1	-		-	3	<del>-</del> -		-			:	-		+
10 Martha Parrales	Edificio Karawala	-		•			-	$\dashv$		-	-		-		-			۳	_
Sub-Total			2	9	9	•	10	140	5	<b>60</b>	9	•	9		0	-		<u>.</u>	
																ŀ	-	1	-
Barrio El Boison / Las Camelias	melias	۲	N.	Y	2	χ.	z	7	\ N	z	기	z	<u>&gt;</u>	z	-	2	<b>,</b>	> 2	<b>Z</b>
1. Armando Ruiz	2 P. Cementerio 175vrs N	1		1			-		-	-	-	-	۲-					*-	-
lez Lider	Bar Limonsito casa arroyo	1		1			_	_	-	-	-	_	-		-		-	1	-
	Trillo Sn Alfonso 1c N	-		1	:	1		đ.,		-	-		7				-		°
4. Maricela Rivas	Bar Limonsito 25mt Sur	-		-	:		1		1	_		_	٠-		-		-	-	
5 Carlos Gomez	Polvorera 2c. Sur	-	_	-			·	-	-	-	-		۲۰		-	1	-	-	-
6 Luis Mena	Trillo 1 1/2c. Norte	-			-		1	-	1		-	_	-		-		<u>.</u>	-	
7 Luisa Robleto	Polyora 1 1/2c. Sur	-		-			•	-	1.1	_	_		-		-		$\dashv$		1
S Jeco Maria Homanda?	Dolings 20 Sur	-			-		-	-	H	-	•		+		1-				
O. JUNE INGINE LISTINGUE	L Coole a Coole				1	1													

					Γ,	-	<del> </del>	  -	L	Ľ	Ľ	F	ŀ		,					<u></u>
e, Oscar Jose Vasquez	Polyora 20 Sur frente pozo	-		Ţ	-	+	+	+	1	1	7	$\downarrow$	1	1			†,	$\dagger$	<del> </del>	Γ
10. Auxiliadora Espinoza	Trillo Sn Alfonso 1/2c. N	<b>,</b> -		-		:	1	,		1	-	_			-		_	1	<b>-</b>	7
Sub-Total		9	۰	۲	,,	0	101	•	•	•	<b>9</b> E	0	10	0	10	•		,4		اء
1							. ;	:	:				,					ŀ		
El Resbalon		>	Z	>	z	<b>&gt;</b>	N	, ,	۲ N	2	Υ	2	<b>&gt;</b>	z	>	Z	۲	z	<b>&gt;</b>	z
1. Jose Martinez	Contiguo a la iglesia	,,			ı	-	1	-		1	+		-		-		-	_	<b>5</b> ~~	
2. Evelyn Flores	Igle, 1c. Norte 10vr lago	1		1			1	1	1.	•			-		-				·	
3. Aracely Salazar	Igles. 1c.Norte 1c.lago	-		F		-	-	1	1		-		1	_	1		•			
4. Esperanza Centeno	Igles, 1c.Norte 1c.lago	-		-		-	-	1:1		-	1	-	-		-					_
5. Maria Ziezar	Frente tglesia Nazareno	-		+		<u> </u>	1	1		<b>+</b>	1		-	Ŀ	1		-	-	<b></b>	
6. Julio Bermudez	Esquina opuesta de INA		-		-		1		1 1		1		•		-	- 1	-		٠-	
7. Claudia Bustamante	Iglesia 1c. Norte	-		- F		1		1	1		-		1 1		1					[
8. Maria Luisa Robleto	Iglesia 1c. Norte	-			-		-	-	_	1	1		1	-	1		•		·	
9, Juana Gonzalez	igle: 10: N, 1/2c. lago	-		-				1		ļ .	1		1		1		-	-		
10. Ronv Gutierrez	lale, 1c. N. 20vr.lado	-		-		-	-		-	-	1	L	+		7-	- 11	.1			
Sub-total		•		F	c				•	*	10	0	96	0			- 10 -	0	10	0
				:	:											į			ŀ	
Reparto Adelita I		٠ ۲	Z	<b>\</b>	. N	٠ <b>. ۲</b> .	2	Y	N .Y	<b>z</b>	<b>&gt;</b>	2	>	Z	۲	z	<b>&gt;</b>	z	<u> </u>	2
1. Ligia Jimenez	Final de Rpto. Sn. Carlos	1.			1		-	1	1	:	-		۲,		Ψ.					~_
2. Martha Laguna	Entrada Sn. Carlo 1 1/2c. O	-		1	-		1			<b>,</b> [ 1	-		<u>-</u>				·		_	
3. Lilliam Lacayo	Entrada Sn. Carlo 2c. Sur	-			-	-	.   1	1		1	1		*		1		<b>,</b> -	<del>-</del>		
4. Onelia Damuz	Esc. 1/2c. Sur. 1c. Oeste	-		-	-		1	1		1 1	1				1		-			0
5. Ericka Miranda	Esc. Agusto Silva 1/2c O	-		1			1	_	-	-	-		1		1		1		<b>,</b>	_
6. Jorge Urbina	Esc. Lorenzo G. 1/2c. O	1		1			1	1		1	1						r		-	
7. Rene Balladares	Templo Evangelico 50v. O	1		1.4.			_	<del>-</del>	1		-		-		1		+-			- T
8. Lilliam Morales	Escuela 1 1/2c. Oeste	,		- 4		:	-	-	•		-		+-		-		٧٠		1	
9. Angela Mendoza	Escuela 2c. Oeste	1		1	:		1	1	_				1						-	٥
OUE	De las tres cruces 3c. O	1		1		1	1	1	1	:		:			1		<b>3-</b>			
	Tres cruces 175vrs. Sur	-					1	-	-	1 1	1		1.			+-		<u>:</u>		
	frente a las tres cruces	-			-	-	_	;;; } ·•	1		<b>T</b>		1			4	-			_
	Escuela 1/2c. Oeste	,		1		-	1	1		<b>‡</b>			1		•		1			-7
14. Juana Cruz	Escuela 1 1/2c. Oeste	1	:	-	1			1		-	1	-					-		,	_
15, Clorinda Blanco	Esc. 1 1/2c. Oeste	1				1		-		-						,	-			
	De las tres cruces 2c. O	1	<u> </u>	-	-	_	-	7-	1		•		1		1					
																				ĺ

		j							-								,	-	١.	
Property of the property of th	Trac concess 75vrs Deste	-	-						+		-	_	-		-	1	-	1	-	T
T	2000	۱.	$\mid$	ļ.	_	H	-			-	-		Ţ		1	_	۲			1
18, Mercedes Morales	Adeita 1	-	1	+	$\dagger$	$\frac{1}{1}$		$\frac{1}{1}$	-	-	-		Ŀ		,		-	4-		0
19. Karla Cruz	Tres cruces 50vrs. Norte	-	+	_	+	+				-	<u> </u>		[		,		-	-	-	
20. Martha Leon Lopez	Esc. 1c. sur, 1/2c. Oeste	-		-		-	-		-		-		- 85	1	-	•		•	4	Ţ,
Sub-Total		20	0	9.	•		93	0			7				2			,	2	-
					:	ŀ	}	-	.	-				[	;	:	,	-	,	[ ;
1 a Sirena		>	z	<b>~</b>	2	<u>,</u>	> z	<u> </u>	<u> </u>	2	_	2	}	z	>	2	-	2	†,	<u> </u>
1 Jahaira Vecra	Gaviota 25vrs. sur						_	-	-		-		-		-		-		+,	1
Copenhander	Gaviota 90vis Sur		-		-		-	1		4	-		-		-		-	1	+	T
2 Alexandra Caetillo	Gaviota 25vrs Sur	-		-			,	1	1		-				-	1	-	1	-	
A Cookin Doobs	Gaviota 1c. S. 25vrs. lado	-			-		,	1. 1		-	: <del>-</del>		_				-	1	-	T
4. Elliery I root id	Gaviota 1c Sur 1c lado	-			_	-	1	-			,-		,		-		-	1	,-	
S. Guadalupe Inchine.	Caviota 1/2c. Sur	-	ľ		-		-		1		-		-		-	1	,-	1		T
o, Augusto	Cavida 30ve. Sur	-			-		, 4		1		, <del>-</del>				-		-	1		T
o Maria A Arrana	Gaviota 75vrs Sur	-	T	-		_	_		_ !	·+			-					1	-	
O Maria A. Maria	Caviota 10c Sur	-	1	-			-	_	-		-		-		-		-	1		
9. Marion Sancrez	Saviora (120: co.	T.	T	T	ļ.			_		-			-		ţ-	-,				
10. Jose Martinez	Gaviota - Cuiscoma		2			J	\$	8			8	•	2	•	9	0	Q.	0	9	٠
					ŀ		-	-	·	:	;		,	-	>	Z	>	Z	>	2
Reparto Eddy Ruiz III		>	Z	>	z	<b>&gt;</b>	2	2 ,	-	2	1	<u>-</u>	-				Ī	+	. ,	
1 Francisca Carmona	Rest. 1c.lago, 1c. Norte	<b>+</b>	.:		-		_		-		-		-				-	1	- -	T
2 Carmen John	Rest 1c lago 20vrs. N	-		-			-				-		-		-		-	1	-	
2 tran Aleman	Molipo 1/2c lago 1/2c N	-			-		•	1		-	-		-		<b>%-</b> -			-	1	٥
A Camen Sequena lider	Molina 3c. hacia el arroyo	-		-			-	-					-		-		-	1	-	T
5. Johana Jiron	Rest.Colina 2c. Norte	-		1			-	_	1	-	-	_	-		-		-		<u>.</u>	1
6. Juana Arauz	Rest. 2c, lago, 25vrs. N	-		*-			-		-	_	-	_			-		~	1		
7 Paula del Socorro	Rest. 1c. lago, 4c. N	-			1		-		4	-	-	_	-		-		-	1	-	
8 Milaoro Mena	Billar 2c. Norte. 1/2c. O	-		,			1			-	-		-		1			1	-	
O Maritza Admilas	Rillar 3c Norte 2c lado	-		-	-		.	-	_	-	-		-		-		-	_	-	T
10 Armenta Mora	Rest 3c Norte	-		-	<u> </u>	-	-			-	-	_	-		-		-		-	
14 Carreen Dooks	Dect 10 Morte	-		-	-	-		_	۲	_	-				-		-		-	Ī
11. Carmen Nocha	Nest Iv. Note	1.		1.	Ť	t	-	  -	-	-	-	_	į		1				₹1	1
12. Jenny Mendono	Rest. 1/2c. Norte	-	1	1	1.	+		  -	_	_	:	_	٠	L	-		-	•	٧-	
13. Denia Urrufia	Rest, 2c, lago, 30vrs. N		1	1	+	-	<del> </del>	+		-	L		-		1				٠.	
14. Loyla Aguilar	Rest. 2c. lago, 2c. Norte		-	1	-	1	_  _	-	-	-		-								

Sabaneta III Etapa				ľ	-	-	Ľ	-	L			-		$\vdash$	-	<u> </u>		  -	_	ļ
Subunita III Elapsa  Rest. Co. Norte  Re	15. Marina Bermudez	Molino 1c. Norte	-	1	-	$\frac{1}{1}$	_	1	1			1	†	†,	t	<b>\</b>	-		*	-
Seet 20, Note   1	16. Sandra Picado	Sabaneta III Etapa		_	_		-		-		-	-	†	+	+	+	+	-	1	-
Seet 1 C. Norde, 1 C. E	17. Mana Salquera	Rest. 2c. Norte		,			•	-			-	1		-	-	۲-	-		•	_
Rest To lago	18 Manuel Ruiz	Billares 2c. Norte. 1c. E	-		_	_	Ľ	-		ı		-		_	1	<b>-</b>	-	_	-	
Rest. Colina 1 1/2 C. lago	10 Narcita Segmenta	Rest 1c lado		_			-	_	-	ı		-		-	-	٠,	-	_	``	
Entreda 25/rs. Sur Y N Y N Y N Y N Y N Y N Y N Y N Y N Y	20 India Duma	Doct Coline 4 470 (200	,		<u> </u>	-	7	Ľ			-			1		<b>-</b>		-		
Entrada Sóvrs. Sur Y N Y N Y N Y N Y N Y N Y N Y N Y N Y	ZV. Julio Dullalli	Nest Collida 1 1/40, lego	1333		1			₩.	•	8	22	8	•	6		93	-			
Frente a Birbaco														i.						
Entrada Zova. Sur	l a Talminera		$\vdash$	-	-	$\vdash$	Z	<u> </u>	z	>	z	<b>&gt;</b>	z	<u>۲</u>	N	٨		_		Z
Po. la Taipujera   1	1 Mercedes Barberena	Entrada 25vrs. Sur	-	<u> </u>	-	_	-	-		:	1	1		-		•			-	_
Figure a Bibao   1   1   1   1   1   1   1   1   1	2. Clotilde Ramirez	Bo, la Talpujera	-	-	-		-	-			1	-		-					-	
Reparto la Talpujera for anden	3. Evelon Valleios	Frente a Bilbao	<u>_</u>	-	-	_	1	1			1	·		_	-	_	-		<b>-</b>	_
Spirit Terrandon	4 Clorinda Jimenez	Reparto la Talpuiera	1	_	_		-	-		•		-		_				-	•	_
Calle talpujera         1	5. Sara Tercero	Roto, Talpulera 1er anden	-		<u> </u>		-	-			1	1		· +			-	_	-	_
Calle talbujera         1	6 Maria Dolores	2 entrada calle talouiera	-	<u> </u>	L		-	-			+	-		1		-		_	-	
Final lorna del Mico 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 Mana Gutterrez	Calle talbuiera	-	-	-	-	_	-			,	g		-		-			-	_
Final long del Mico 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 Vilma Pena Gifferrez	Final loma del Mico	-	-		-	_	-		-		,-	-	-		1		7	<b>,</b>	
Mercado 51/2c. lago         1	9 Petrana Sambrano	Final lona del Mico			-	ļ	_	-		ļ		1		-		1		•		0
Surroundings         74         8         75	10. Francisco Sanchez		-	├	-	_	_	-			1	4-				· •	-		-	_
Surroundings         74         8         5         75         75         75         75         75         75         75         77         3         77         3         72         <	Sub-Total		-					40	0	2		16	0	9	•	••••				•
Surroundings         74         65         52         26         75         73         74         40         80         0         79         1         77         3         72         7         72         7         72         7         72         7         72         7         72         7         72         7 <th< 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><td>:</td><td>.  </td><td></td><td></td><td>:</td><td></td><td></td></th<>						:								:	.			:		
45         52         47         23         55         56         12         36         40         70         0         69         7         66         46         55         75 <td>Ollos Oredard Areas and S</td> <td>intraction floors</td> <td></td> <td></td> <td></td> <td></td> <td>2,0</td> <td></td> <td>*</td> <td>73</td> <td>9</td> <td>0#</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td>	Ollos Oredard Areas and S	intraction floors					2,0		*	73	9	0#	0							•
Y         N         X         N         N	Other Greek of the Offic						8	-	23	90	Ş	9%	0	- 69	***			***		
FIRE CONTROL OF THE C			1																	
MERGS 11 89 81 8 142 131 19 81 88 169 0 148 2 142 7 1 83 1 85 1 85 1 85 1 85 1 8			_	H	Ŀ	┢	z	<u>}</u>	z	>	z	<b>\</b>	2	γ.	Z				-	z 
827 T.3 883 4.7 883 4.5 17.3 82.7	TOTAL BUTPRVSPWRFS		333					••••	9	*	8	489		×	882			<b>3</b>	833) 888	
			1					+	-	ŝ	68	400						2.00		

Note: Questionnaire survey (after) carried out on July 21st and 22 nd, 1977