# 8.5 Service Coverage by Target Year

# 8.5.1 Water Supply

)

# (1) Population to be served by Level II system in Phase I

Sixty six (66) untapped spring sources out of total 153 were confirmed to be suitable for Level II systems in rural water supply by the time of PW4SP preparation as shown in Table 8.5.1. Conditions and assumptions applied for this estimate are as follows:

### Source capacity:

The average source capacity of untapped spring was assumed to meet the need of 100 households based on the review of existing Level II systems with spring sources.

# Number of system:

Sixty six (66) out of total 153 untapped springs identified during the course of RW4SP preparation were considered to serve sixty six (66) Level II systems in sixty six (66) rural barangays of 11 municipalities.

#### (2) Population to be served by target year

#### Phase I

For urban area, the additional service coverage was assumed to be served by Level III service. For rural area, the population to be served by Level II systems with untapped springs was first calculated and the rest of additional service coverage was estimated to be served by Level I facilities.

#### Phase II

For urban area, the population served by Level I and II facilities in base year was considered to be absorbed by Level III service aside from the additional service coverage to be estimated by the sector target. For rural area, all existing facilities in Phase I was assumed to be utilized through the future.

The population to be served by target year is exhibited in Table 8.5.2 and Table 8.5.3.

Table 8.5.1 Population to be Served by Level II System in Phase I

( )

Name of Municipality/City	Number of Untapped Spring	Number of Barangay to be Served	Number of Households to be Served	Population to be Served
Vouyog				
Mangalang				
Albuera				
Babatngon				
Barugo				
Bato	5	5	484	2,471
Baybay	36			
Burauen	14	14	841	4,249
Calubian				
Capoocan	4			
Carigara				
Dagami	11			
Dulag				<u> </u>
lilongos	1	1	100	501
lindang	7		11	
nopacan	6	6	396	1,987
sabel	13			
Јаго	1	1	100	491
Javier (Bugho)	10			
Julita		: : :		1
Kananga	1			
La Paz	19	19	312	1,554
Leyte				
MacArthur	2	2	200	1,062
Mahaplag	2	2	200	
Matag∙ob	4	- 11 E E		
Matalom	11	11	474	2,386
Mayorga				
Merida			<b></b>	1
Palo				-
Palompon	* } *		<b>†</b>	
Pastrana	1	1 -		
San Isidro	<del> </del>	<del></del>		<del>                                     </del>
San Miguel	2	2	200	0 1,052
Santa Fe		·   · · · · · · · · · · · · · · · · · ·		
Tabango	3	3	30	0 1,500
Tabontabon	<del>                                     </del>	-		
Tacloban City (Capital)	<del>                                     </del>	<del>-                                    </del>	-	- <del> </del>
Tanauan			- <del></del>	<del> </del>
	1	<del> </del>		
Tolosa	<u> </u>		<del></del>	
Tunga	_		<del></del>	<del> </del>
Villaba	<u> </u>	<u> </u>		1
Provincial Total	153	66	3,60	7 18,28

Table 8.5.2 Population to be Served in Phase I (Water Supply)

in the Base Year  Level II Level I T  4,028 13,370 4,028 13,370 4,028 13,370 4,028 13,370 25,386 667 3,863 803 15,519 1,882 6,813 1,882 803 1,882 13,180 228 13,180 229,775 10,171 20,775 11,101 30,071 16,181 30,071 16,181 30,071 16,181 30,071 16,181 30,071 16,181	Total Population 77 14,093 98 37,825 98 37,825 98 37,825 99 37,825 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935 90 20,935	6,488 6,488 6,488 1,696 1,002 1,002 6,763 6,763 3,715		3 2 3 3 2 3 2 3 2 3 3 2 3 3 3 3 3 3 3 3	otal Level III 12.298 1.891 21.085 33.583 1.891 7.033 1.696 25.386 5.532 1.002 5.532 1.002 9.213	Additional Population to be Served vel III	1.cvel 1 3.687 3.687 3.687 3.687 2.864 2.864 2.864	70tal   1.891   5.578   5.578   1.696   1.002   2.864   1.104
ame of figality/City Area Level III Level II Level I I Level I Level I Level I I Level I	Population  Population  14,093  37,825  83  12,645  83  12,645  83  12,645  83  12,645  84  12,199  84  82,330  86  16,199  86  16,199  87  17  18  18  18  18  18  18  18  18		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	32 32 32 3	7 3 3 3 3 3 3 3 3 3 5 5 5 5 5 5 5 5 5 5	I Level II  1 Level II  10  11  10  10  10  10  10  10  10	3.687 3.687 3.687 2.864 2.864	7.021   1.891   2.687   2.686   1.696   1.002   2.864   1.104
Company Color	Population           707         14,093           98         37,825           99         37,825           86         38,350           83         37,825           86         38,350           87         7,467           89         29,376           80         29,376           80         29,376           80         24,467           80         29,376           80         24,467           80         24,467           80         24,467           80         24,467           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         24,462           80         26           80         26           80         27,462           80         27,462		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 17 7 7 7 7 7 7 7 7 9 7 9 7 7 7 9 7 9 7	Lev.	╌┷╫╼╂╼╂╼╂╼┨╌╣╾╏╤╂═╂╼	3.687 3.687 3.687 2.864 2.864	1.891 1.891 5.657 5.578 1.696 1.002 2.864 1.104
on Rural 4,597 4,028 13,370  Total 4,597 4,028 13,370  Total 4,597 4,028 13,370  Total 6,573 10,723  On Rural 5,659 1,384 7,616  Urban 5,659 1,984 7,616  Urban 1,752 327 10,171  Total 4,523 327 10,171  Total 1,623 327 10,171  Total 24,447 30,071 16,181  Urban 11,777 395 803  Urban 1,5019 596 5,080  Urban 1,5019 596 15,745  Total 2,447 3,0,071 16,181  Urban 297 1,092 16,368		6,488 6,488 1,696 1,002 6,763 6,763 3,715 1,752				11 10 10 10 10 10 10 10 10 10 10 10 10 1	3.687	1,891 5,578 1,696 1,002 2,864 3,866 1,104
Control   Cont		6.488 1.696 1,696 1,002 6.763 6.763 3,715 1,752				77 66 67 72 72 72 72 72 72 72 72 72 72 72 72 72	3.687	3.687 5.578 1.696 1.002 3.864 3.866 1.104
nng Rural 4,597 4,028 19,186  Urban 667 3,863  Rural 667 3,863  Urban 667 3,863  Urban 5,659 1,984 7,616  Urban 2,771 327 6,813  Urban 716 628 13,180  Urban 15,019 596 5,080  Urban 15,019 596 15,745  Total 24,447 30,071 16,181  Urban 297 16,368		6,488 1,696 1,696 1,002 6,763 6,763 3,715 1,752				71 76 75	3,687	5.578 1.696 3.864 3.866 3.866
Ang Rural 5.337    Curban 667 3.863     Curban 667 3.863     Curban 5.659 1382     Curban 5.659 1382     Curban 2.771 327 8.186     Curban 1.752 327 8.186     Curban 1.752 327 8.186     Curban 1.752 327 10.171     Curban 1.5019 596 5.080     Curban 1.777 395 803     Curban 1.777 395 803     Curban 1.2942 29.475 11.101     Curban 1.2942 30.71 16.181     Curban 1.777 395 803     Curban 1.777 395 803     Curban 1.777 395 803     Curban 1.777 395 803     Curban 2.97     Curban 2.97		1.696 1.696 1.002 6.763 6.763 3.715 1.752				22	2.864	1.1002 3.864 1.104
Ang Rural 25,386  Total 667 3,363  Rural 667 3,363  Curban 5,659 132 803  Urban 2,771 1,985  Curban 1,752 327 10,171  Total 7,659 1,984 7,616  Rural 1,752 327 10,171  Total 7,66 628 13,180  Urban 1,772 39,475 11,101  Rural 7,60 628 13,180  Urban 1,777 395 803  Urban 1,777 395 803  Urban 1,2942 860 1,6,548  Total 24,447 30,071 16,181  Total 24,447 30,071 16,181  Total 24,447 30,071 16,181  Total 25,428 15,745  Total 2,5428 15,745  Rural 1,2942 860 16,548		1,696 1,002 1,002 6,763 6,763 3,715 1,752		3 2 1 3 7		92	2,864	1.696 2.864 3.866 1.104
Total   30,723   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,519   10,520   10		1,696 1,002 1,002 6,763 6,763 3,715 1,752				22	2.864	1.002 3.864 1.104
Ourban 667 3.363  Rural 830 15.519  Total 5.659 132 803  Urban 2.771 1,985  Urban 2.771 219 4.098  Rural 716 219 4.098  Rural 716 628 13,180  Urban 15.019 596 5,080  Urban 15.019 596 5,080  Urban 15.019 596 5,080  Urban 17.77 395 803  Urban 1.101  Rural 24.447 30,071 16.181  Urban 1.2942 860 15.745  Urban 1.2942 860 15.745  Urban 1.2942 860 15.745  Rural 1.2942 860 15.745  Urban 297 16.368		1,002 1,002 6,763 6,763 3,715 1,752				22	2.864	2.864 3.866 1.10±
Rural         8.30         15.519           Total         5.659         132         803           Urban         5.659         1.852         6.813           Total         2.771         1.852         6.813           Urban         2.771         1.985           Rural         4.523         327         10,171           Total         4.523         327         10,171           Total         716         219         4.098           Rural         7.60         6.28         13,180           Urban         13,019         596         5,080           Urban         11,777         395         803           Urban         11,777         395         803           Total         24,447         30,071         16,181           Total         12,942         30,71         16,181           Total         12,942         36,745         1745           Rural         12,942         36,745         1745           Total         12,942         36,745         16,548           Rural         3,182         1,092         16,368		6.763 6.763 6.763 3.715 1.752					2.864	3.864
on Rural 5.659 132 803   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.813   1.852 6.823   1.852		1,002 6,763 6,763 3,715 1,752					2 864	3.866
on Rural 5.659 132 803  Rural 5.659 132 803  Foat		6,763 6,763 3,715 1,752				20	CO 004-7	-  -  -
On Rural 5,659 1,852 6,813 Total 5,659 1,984 7,616 Urban 2,771 1,985 Total 4,523 327 8,186 Total 4,523 327 10,171 Total 7,16 628 13,180 Urban 15,019 596 5,080 Urban 1,777 395 803 Urban 1,177 395 803 Urban 1,165 465 15,745 Total 2,947 80,071 16,181 Urban 2,97 860 16,548		6,763 3,715 1,752			1,698	)4		
Total 5.659 1,984 7,616  Urban 2,771 1,985  Rural 1,752 327 8,186  Total 4,523 327 10,171  Total 716 628 13,180  Urban 15,019 596 5,080  Urban 15,019 59475 11,101  Total 24,447 30,071 16,181  Urban 12,942 860 16,548  Urban 297 16,368		6,763 3,715 1,752			10,244		1,579	1.579
10tal   2,771   1,985   1,98		3.715			17.942 1.104	<b>4</b>	1.579	2,683
Rural 1,752 327 8,186   Foral 1,752 327 10,171   Foral 4,523 327 10,171   Foral 716 219 4,098   Foral 1,710 5,409   Foral 1,701 5,409   Foral 1,777 3,95 8,03   Foral 1,2947 30,071 16,181   Foral 1,2947 8,60 16,548   Foral 1,2942 8,60 16,548   Foral 2,947 8,002 16,548   Foral 3,182 1,092 16,368   Foral 2,947 8,002   Foral 2,947 8,002   Foral 2,947 8,002   Foral 2,947 8		1,752	1			944		944
Total 4,523 327 10,171  Urban 716 219 4,098  Rural 716 628 13,180  Urban 15,019 596 5,080  Urban 17,77 395 11,101  Rural 1,165 465 15,745  Total 2,947 860 16,548  Urban 2,97 16,388				10,518	12,597		2.332	2.332
Urban   716   219   4.098   1.0098		5.467	327 12	12,503 18	18,297	944	2.332	3.276
Rural   716   628   13,180     Total   716   628   13,180     Urban   15,019   596   5,080     Total   24,447   30,071   16,181     Urban   1,777   395   15,745     Total   12,542   860   16,548     Urban   297   16,368     Rural   3,182   1,092   16,368	5.033	1,728		\$.09S	6,045 1,012	12		1.012
Total 716 628 13.180 Urban 15.019 596 5.080 Urban 15.019 59,475 11.101 Total 24,447 30,071 16.181 Urban 11.777 395 803 Urban 12.942 860 16.548 Urban 297 16.368	ľ		2,880	9.082	11,962	2,471		2.471
Urban 15,019 596 5,080   Urban 15,019 59,475 11,101   Total 24,447 30,071 16,181   Urban 11,165 465 15,745   Total 12,942 860 16,548   Urban 297   Urb	L	1,728		3,180 18	18,007 1,012	12 2,47!		3,483
Rural 9,428 29,475 11,101  Total 24,447 50,071 16,181  Urban 11,165 465 15,745  Total 12,942 860 16,548  Urban 297 1,092 16,368		15.019	965	5.080 20	20,695			
Total 24,447 30,071 16.181 Urban 11,165 465 15,745 Total 12,942 860 16,548 Urban 297 1,092 16,368	l	9,428	29,475	11,101	50,004			
Urban     11,777     395     803       Rural     1,165     465     15,745       Total     12,942     860     16,548       Urban     297     1,092     16,368       Rural     3,182     1,092     16,368		24,447	30.071	16.181 70	70,699			
Rural     1,165     465     15,745       Total     12,942     860     16,548       Urban     297     297       Rural     3,182     1,092     16,368	12,975 16,817	14,033	395		15,231 2,256			2.256
Total 12,942 860 16,548 Urban 297 1,092 16,368	17,375 43,590	1.165	4,714 15					4.249
Urban 297 Rural 3,182 1,092 16,368	30,350 60,407	15.198	5,109  10	16.548 30	2.2	56 4,249		6.505
Rural 3,182 1,092 16,368	297 648	384	i			87		8
	20,642 42,209	3,182	1,092				4 1 4	1
16.368	L	3,566	1,092	20,482	25,140	871	4.1.4	4.201
3 674	4.288 5.892	1.404		3.674		790		300
1 525 1 1 510 1 1 2 2 5 1 1		1,610	-	17,225 18	18.835			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	L	3,014	2(		23,913 74	790		790
2,227		3,364		8,114	11,478 1,793	53	-	: 793
19701 2001 2001		4,501	250 19		24,412			
355 55 035	24 0071 40 197	7,865		27.775 3	35.890 1.793	150		1.793

Table 8.5.2 Population to be Served in Phase I (Water Supply) (Cont'd)

Name of			ion Served					Phase I	Phase I Coverage (2004)	2004)	:		
	1	m tine to a	) L Call				Service (	Service Coverage		Additic	Additional Population to be Served	tion to be S	crved
Municipality/City	Tevel III	II Level II	Level I	Total	Total Population	Level III	Level II	Level I	Total	Level 111	Level 11	Level 1	Total
4	17	90	4.016	4.142	4,547	126		4.016	4,142				
	-	50 250	12.801	16,201	25,228	3.150	250	12,801	16,201				
Total	-		16.817	20,343	29,775	3.2.76	250	16.817	20.343				
			13.712	13,965	24 547	3,546		13,712	17.258	3,293			3.293
Ouls.			7,402	7,402	13,462			8,714	8.714			1,312	1.312
		253	21,114	21,367	38,009	3,546		-22,426	25.972			1.312	4,605
5		72 131	4,431	6.034	9,262	2,714	131	4.431	7.276	1,242			77.7
Hilongos Rural	1	95 2,554	18,959	26,308	45,459	4.795	3.055	22,589	30,739		501	3.930	4.631
	_		23,390	32.342	54,721	7.509	3,186	27.320	38,015	1.242	50:	3.930	5,0/5
			1,258	3,471	3,710	2.213		1.258	3.471				
Hindang	L	1,025	9,342	10,367	13.374		1,025	9.342	10,367				
	tal 2.213		10.600	13,838	17,084	-2,213	1,025	10,600	13,838				
	_		956	956	2,584	347		956	1,303	347			347
Increase Russ	- E	2.260	5.714	7,974	20.386	1	4,247	5.714	9.961		1.987		1.987
	15	2.260	6.670	8,930	22,970	347	4,247	6.670	11.264		1.987		2,334
	Urban 2.646		9.167	11,813	15.224	4,688		9.167	13,855	2,042			2.042
Sobel Rural		8	13,425	17.529	26,365	4,104		13,425	17,529	:			
	_	50	22.592	29.342	41.589	8.792		22.592	31,384	2,042		_	2.042
		100	729	4,257	7.377	4,418	100	729	5,247	980			386
Par R		-	3.126	4,453	27.171		1,818	5,283	7,101		491	2.157	2.648
	ra! 3.428		3.855	8,710	34,548	4,418	816.1	6,012	12,348		167	2,157	3.638
			461	1,932	3.188	1.254	645	461	2,360	428			428
Javier (Bugho) Rui		613 2.966	14,499	18,078	24.658	613	2,966	14,499	18.078				: .
Total		L	14,960	20,010	27.846	1,867	3,611	14,960	20,438				428
			2.620	2,620	5.232	702		2,620	3.322	702			702
Sulten Bural	lez		4.871	4.871	10,313			5.876	5.876			\$0.	1.005
			7.491	7,491	15.545	702		8,496	9,198	702		1.005	1.707
	1 Jehan 7 140	10		7,140	7.958	7,140			7,140				- 1
Kananga		13 1.123	20.742	23.778	38.950		1.123	20.742	23,778				
			20.742	30.918	16,908	9.053	1.123	20,742	30,918				
F3	-		1.562	3.086	4,863	652	1,524	1,562	3,738	652			652
l a Pay	[E	149	7,625	7.774	15.940		1,703	7.625	9.328		1.554		1.554
Total	tai	177	187	10,860	20.803	652	3,227	6.187	13.066	652	1,554		2.206

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Table 8.5.2 Population to be Served in Phase I (Water Supply) (Cont'd)

			Population Served	tion Served					Phase I	Phase I Coverage (2004)	2004)			
Name of	Area							Service (	Service Coverage		Additic	anal Popul:	Additional Population to be Served	erved
Municipality/City		Level III	Level II	Level I	Total	Population Level III	Level III	Level II	Level [	Total	Level III	Level II	Level 1	Total
	Urban	786		1,250	2.036	4,217	1,352		1,250	2,602	566			566
Levre	Rura	21	2,186	14,393	16,600	32,829	21	2,186	17,593	19,800			3.200	3.200
}	Total	208	2.186	15,643	18,636	37.046	1,373	2,186	18,843	22,402	995		3.200	3.766
	Crban			2,107	2,107	4,356	584		2,107	2,691	584			584
MacArthur	Rura		319	7.941	8,260	21.012		1,381	8,927	10,308		1.062	986	2.048
	Tota		319	10.048	10,367	25,368	584	1.381	11.034	12,999	584	1.062	986	2.632
	Urban			2.183	2,183	4.044			2,183	2.725	542			542
Mahaplag	Rural		88	199'9	6.749	22,528		1,116	7,829	8,945		1,028	1,168	2.196
) -	Tota		88	8,844	8,932	26,572	542	1,116	10.012	11.670	542	1.028	1.168	2.738
	Urban	386	450	2,145	2,981	4.551	266	450	2,145	3,592	611			6.1
Matag-ob	Rural	1,435		6,023	818'6	16,674	1,435	2,360	6.023	9.818				
)	Total	1,821		8,168	12,799	21.225	2,432	2.810	8,168	13,410	611		~	611
	Urban	3,020		236	3,732	3.756	3,020	476	236	3,732				
Matalom	Rural	3,537	428	7,334	11,299	24,476	3,537	2,814	7,334	13,685		2,386		2,386
	Total	6.557	204	7,570	15,031	28,232	6,557	3,290	7.570	17,417		2,386		2.386
	Urban		72	1,684	1,756	2,467	331	7.5	1,684	2,087	331			331
Mayorga	Rura		146	969'9	6,842	9.635		146	969.9	6.842		,		
	Total		218	8,380	865'8	12.102	331	218	8,380	8,929	331			331
	Urban	2,391		490	2,881	3,638	2,879		490	3.369	488			488
Merida	Rural	181		16,149	16,330	23,050	181		16,149	16 330		-		
	Total	2.572		16,639	19,211	26,688	3,060		16,639	19.699	488			488
	Urban	17,659		4,763	22,422	26,496	17,659		4,763	22,422				
Palo	Rura	-		21,644	21,644	27.210			21.644	21.644				
	Total	17,659		26.407	44.066	53.706	17,659		26,407	44,066				
	Urban	3,050		4.662	7.712	13.170	4,817		4.662	6.479	1.767			.767
Palompon	Rura	\$84	153	11.641	12,678	46,469	884	. 153	16,171	17,2081			4,530	4.530
	Total	3.934	153	16,303	20,390	59,639	5.701	153	20.833	26,687	1.767		4.530	6.297
	Urban	98	-	\$59.1	1,724	3,435	547		1.638	2,185	461			19.
Pastrana	Rura	2,150	:	3,481	5,631	15.090	2,150		4,952	7,102			1.1	17.7.
	Total	2.236		611.5	7,355	18,525	2.697		6.590	9.287	461		177	1.932
	Urban		178	850.1	1,216	960'9	818	178	1.038	2.034	818		<b>-</b>	818
San Isidro	Rural		711	910.9	6.087	36.015		71	9.527	9 598			3.5!!	3.511
-	Total		249	7.054	7,303	42,111	818	249	10,565	11.632	\$18		3.511	2.329

Table 8.5.2 Population to be Served in Phase I (Water Supply) (Cont'd)

Level I         Total Total         Scrvice Coverage         Additional Population to be Service Coverage           Level I         Total Countries of Service Coverage         Total Countries of Service Coverage         Additional Population to be Service Coverage           Level II         Total Countries of Service Coverage         Additional Population to be Service Coverage         Level III				Population Served	Served	<del></del>	:	• .		Phase I	Phase I Coverage (2004)	2004)			
guel         Level III         Level IIII         Level IIII         Level IIII         Level IIII         Level IIIIII         Level IIIIIII         Level IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Name of	Area		nu cue par	1091				Service (	Coverage		Addition	onal Popula	tion to be	served
guel         Runal         2,242         2,242         3,523         473         1,022         2,715         473         1,052         2,223         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,233         1,052         2,23	Municipality/City			Level II	Level I		Population	Level III	Level II	Level 1	Total	Level III	Level 11	Level I	Total
Quant         Rund         Costs         15.056         15.056         1.002         7.108         8.140         47.51         1.052         23.53           Quant         Cotal         4.71         4.72         1.546         4.73         1.056         3.23         1.134         1.066         3.23         1.134         1.066         3.23         1.137         1.149         2.23         1.134         1.066         3.23         1.134         1.066         3.23         1.137         1.149         2.248         3.136         3.298         1.066         3.23         1.1419         1.1419         3.248         1.1419         1.1419         1.1419         3.248         1.1419         1.1419         1.1419         3.248         1.1419         3.248         1.1419         1.1419         3.248         3.248         3.1419         3.248		1 1 1			2 242	2 242	3.528	473		2.242	2,715	473			473
Courage   Cour	[Can M.m.n]	200			6.885	6.885	13.085		1.052	7.308	8,160		1,052	223	1.275
v. Orban         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,134         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,139         1,1419	100 St. 100	Total	1		9,127	9,127	16.613	473	1,052	9.350	10.875	473	1.052	223	1,748
Furtil   154   7,625   7,579   14,561   154   9,784   8,884   8,998   1,419		Urban			1,134	1,134	2,477	332		1,134	1,466	332			332
Total   154   8.559   8.713   17.058   332   154   9.978   10.464   332   1.419   1.	Santo Fo	2		42.	7,425	7,579	14,561		154	8.844	8,998			1.419	419
Orbean         Urbean         1,375         12,468         2,468         5,294         710         2,475         1,1079         16,954         710         1,375         1,595         1,396         3,296         710         2,875         1,679         1,6954         710         1,896         1,667         1,686         1,500         1,486         1,596         1,6436         2,875         1,6179         1,6954         1,697         1,6954         1,697         1,6954         1,690         1,680         1,680         1,686         1,686         1,687         1,687         1,690         1,680         1,680         1,680         1,687         1,680	1	Tota		154	8.559	8,713	17.038	332	154	9.978	10,464	332		1.419	1.7.7
Name         Frontal         1,375         13,958         13,068         30,622         2,875         14,079         16,594         1,500         1,486           Total         1,375         13,061         16,486         35,256         710         2,873         16,247         2,012         710         1,539         1,500         1,486           Doon         Rural         1,375         15,061         16,486         35,266         336         2,533         2,533         348         350         1,486           Urban         160,163         1,375         1,235         1,236         2,436         336         3,780         4,316         3,48         550           Voban         160,163         1,375         1,237         1,369         2,533         2,533         2,547         2,472           Virban         1,60,163         1,375         1,220         12,536         2,376         1,375         1,309         1,403         2,131           Noral         1,60,163         1,375         1,320         1,375         1,375         1,375         1,369         2,033         2,472           Noral         1,60         1,60         1,61         1,477         1,635 <t< td=""><td></td><td>Lithan</td><td></td><td></td><td>2,468</td><td>2,468</td><td>5.294</td><td>710</td><td>,</td><td>2,468</td><td>3.178</td><td>710</td><td></td><td></td><td>710</td></t<>		Lithan			2,468	2,468	5.294	710	,	2,468	3.178	710			710
Total   1,375   15,061   16,436   35,926   710   2,875   16,447   1,783   348   34	Tohongo	2		1.375	12.593	13,968	30,632		2,875	14,079	16.954		1.500	1.486	2.986
bbon         Rural         188         1,247         1,435         2,596         536         1,247         1,783         3,48         550           Rural         188         1,247         1,435         2,596         536         3,233         2,533         2,533         2,533         2,533         2,536         550           n City         Rural         160,163         1,375         11,220         1,243-46         188,917         1,375         13,692         2,533         2,574         2,472           N City         Rural         1,375         1,220         1,275         13,692         203,984         28,774         2,472           N City         Rural         3,575         1,889         1,672         23,274         8,629         1,595         1,517         2,472         2,472           Rural         3,575         1,889         1,627         1,527         1,589         1,537         1,589         1,590         2,131         2,591           Rural         3,575         1,889         1,651         1,0242         1,589         1,539         2,131         1,589         2,131         2,591         2,591           Rural         3,535         98         6,7	35	Total		1.375	15.061	16,436	35,926	710	2.875	16,547	20,132	710	1.500	984.	3.696
Protect   Coloniary   Coloni		1 1400	331		1247	1,435	2.596	536		1.247	1,783	348	•••		348
Chicary   Chicary   188   1,375   1,1220   12,595   25,367   1,375   13,692   15,607   2,472   1,474   1,618   1,375   1,3692   15,607   1,375   1,220   1,275   1,220   1,275   1,220   1,275   1,220   1,275   1,220   1,275   1,220   1,275   1,220   1,275   1,220   1,275   1,289   1,275   1,274   1,615   1,774   1,615   1,774   1,615   1,774   1,615   1,275   1,289   1,275   1,289   1,275   1,277   1,899   1,275   1,277   1,899   1,275   1,277   1,290   1,774   1,615   1,249   1,245   1,275   1,275   1,275   1,275   1,275   1,275   1,275   1,275   1,289   1,275   1,2			23		1 983	1 083	5.640			2.533	2.533			550	550
Check   Chec	i acontacon	7	381		1 730	3.418	8.236	536	1	3,780	4.316	348		550	868
Pural   160,163   1,375   11,220   12,595   25,362   1,375   13,692   15,067   2,472   2,472   1,004   1,43   1,375   11,220   172,756   239,708   188,917   1,375   1,389   2,274   2,472   2,427   1,588   2,274   2,524   1,939   1,939   1,740   2,131   2,931   1,004   1,635   1,889   1,635   1,635   1,635   1,635   1,032   1,335   1,889   1,032   1,744   1,631   1,774   1,631   1,774   1,531   1,839   1,327   1,839   1,327   1,839   1,327   1,839   1,327   1,839   1,327   1,839   1,327   1,839   1,327   1,839   1,327   1,3237   1		1 04.0	160 163			160 167	214.346	188.917	-		188,917	28,754			28.754
Vertical   160,163   1,375   1,1220   172,758   188,917   1,375   1,3692   203,984   28,754   2,472   2,472   1,588   2,274   8,629   10,903   2,131   2,932   2,932	Tacloban City		100.100	1326	04611	00 61	25 367		1 375	13.692	15.067			2.472	2.472
Chan   143   8,629   8,772   15,888   2,274   8,629   10,903   2,131   2,931     Rural   3,578   1,889   17,637   23,244   45,957   5,849   1,889   17,403   2,131   2,931     Chan   1,635   1,889   17,637   23,244   45,957   5,849   1,889   20,568   28,306   2,131   2,931     Chan   1,638   9,008   14,472   30,069   3,583   9,8   6,761   1,624     Chan   1,638   9,8   6,761   10,242   13,335   3,383   9,8   6,761   10,242     Chan   1,638   9,8   6,777   11,893   15,109   5,018   9,8   6,777   11,893     Chan   1,638   447   1,601   3,866   1,154   2,845   3,672   3,672     Chan   1,638   1,774   4,566   9,138   3,499   2,151   5,659   3,672     Chan   1,600   2,75   6,800   2,555   3,452   2,063   2,185   2,186   2,659     Chroan   1,600   2,913   23,186   2,663   3,188   23,866   29,717   4,66   29,717   4,66   2,913   23,186   2,663   2,185   2,186   2,659     Chroan   2,300   3,188   23,860   2,8246   2,865   18,418   440,505   62,357   18,281   47,304     Chroan   2,53,370   4,64,449   5,81,519   1,096,786   53,133   82,218   8,017   1,087,609   62,357   18,281   47,304     Chroan   2,53,133   6,3,133   8,13,13   8,13,753   6,47,104   6,01   6,2357   18,281   47,304     Chroan   2,53,133   4,64,449   5,81,519   1,035,787   6,90,78   6,90,7	(Capital)	T. C. C.	140 163	1 375	11 2201	172,758	239 708	188.917	1.375	13.692	203.984	28.754		2.472	31,226
Name		Lote:	143		000 ×	8 772	15.888	2.274		8,629	10,903				2,131
Total 3.718 1.889 17.637 23.244 45.957 5.849 1.889 20.568 28.306 2.131 2.931   2.931   1.61	\$ 0 P	; ;	3 575	1 880	800 6	14.472	30.069	3.575	1,889	11,939	17,403			2,931	2.931
Urban   1,635   1,635   1,6242   13,335   3,383   98   6,761   10,242   13,335   3,383   98   6,761   10,242   13,335   3,383   98   6,777   11,893   707   11,893   707   11,893   707   1,327   3,672   707   3,77   1,595   1,154   2,345   1,327   3,672   7,072   3,77   1,595   1,154   2,156   2,135   3,499   2,151   2,659   2,063   2,151   2,569   2,063   2,151   2,3186   2,569   3,737   2,965   3,724   2,663   3,188   2,3186   2,526   3,128   2,3186   2,6639   3,188   2,3186   2,64349   2,64449   2,81818   2,218   2,11753   2,4176   2,663   2,188   2,18	l anatan	30.5	2778	1 880	17.637	23.244	45.957	5,849	1.889	20,568	28,306	ŝ		2.931	5.062
Fural 3,383 98 6,761 10,242 13,335 3,383 98 6,761 10,242   10,242   13,335 3,383 98 6,761 10,242   1,893   15,109 5,018 98 6,777 11,893   1,327 2,345   1,327 3,672   1,74 4,566 9,138 3,499   2,151 5,659   2,063 2,063 2,083 3,018 463   2,063 2,083 2,186 2,083 3,018 463   2,083 2,083 2,186 2,083 3,018 463   2,083 2,083 2,083 2,186 2,083 3,018 2,083 2,186 2,083 3,018 2,083 2,186 2,083 3,188 2,085 2,186 2,083 3,188 2,085 2,186 2,083 3,188 2,085 2,186 2,083 3,188 2,085 2,186 2,083 3,188 2,085 2,186 2,083 3,188 2,085 2,186 2,1		1 1 1 1 2 2 2	1,635		2	1.651	1.774	1,635		91	1.651				
Total         5,018         98         6,777         11,893         707         15,893         707         15,893           Urban         1,638         4,47         1,601         3,866         1,154         824         1,978         707         377           Rural         1,154         4,566         9,138         3,499         2,181         5,659         707         377           Urban         1,600         275         680         2,555         3,452         2,063         275         689         3,018         463         2,546           Urban         1,600         2,913         23,186         26,699         35,794         600         2,913         23,186         26,699           Total         2,200         3,188         23,866         29,254         39,246         2,663         3,186         20,717         463           Total         2,53,870         5,860         118,418         37,201         31,6227         5,860         118,418         440,505         62,357         18,281           Inchal Total         82,138         25,138         23,138         23,867         959,667         1,633,987         36,207         620,171         1,633,04	70,00	200	3 183	86	6.761	10.242	13,335	3,383	86	6,761	10.242				
Urban         1.638         1.327         2.345         1.327         3.672         707         377           Rural         1.154         447         1.601         3.866         1.154         824         1.978         707         377           Total         2.792         1.774         4.566         9.138         3.459         2.151         5.650         707         377           Urban         1.600         2.75         680         2.513         25.186         26.699         3.7784         600         2.913         463         8           Total         2.200         3.188         23.866         29.254         39.246         2.663         3.186         26.699         463         8           Urban         255.870         5.860         118.418         39.246         2.663         3.186         29.717         463         8           Urban         255.870         5.860         118.418         39.246         5.860         118.418         440.505         62.357         8.2301           Inchal Total         Rural         53.137         46.449         581.519         1.096.786         53.138         511.753         62.104         18.281         47.304	1000	Tota	5.018	86	6,777	11,893	15,109	5,018	86	6,777	11.893				
Rural   1.154   447   1,601   3,866   1,154   824   1,978   707   377     Total   2,792   1,774   4,566   9,138   3,499   2,151   5,659   707   377     Urban   1,600   2,913   23,186   2,659   35,794   600   2,913   23,186   26,699     Total   2,200   3,138   23,866   29,254   39,246   2,663   3,188   23,866   29,777   463     Urban   253,870   5,860   118,418   39,246   2,663   3,188   440,505   62,357   18,281     Urban   253,83   63,937   464,449   581,519   1,096,786   53,133   82,218   511,753   647,104   18,281   47,304     Total   2,300   3,188   3,18		Libon	1.638		1,327	2,965	5.272	2,345		1,327	3.672	707			/0/
Total   2.792   1,774   4,566   9,135   3,499   2,151   5,659   707   377   377     Urban   1,600   2,913   23,186   2,6639   35,794   600   2,913   23,186   26,699   2,053   2,186   2,053   2,186   2,059   2,187   2,186   2,059   2,187   2,186   2,187   2,186   2,187	1,000	R	1 154		447	1,601	3.866	421,1		824	1.978			377	377
Urban         1,600         275         680         2,063         275         680         3,018         463           Rural         600         2,913         23,186         26,699         35,794         600         2,913         23,186         26,699           Total         2,200         3,188         23,866         29,254         39,246         2,663         3,186         29,717         463           Urban         253,870         5,860         118,418         37,201         316,227         5,860         118,418         440,505         62,357           Includ Total         Rural         53,133         63,937         464,449         581,519         1,096,786         53,138         51,753         647,104         18,281         47,304           Total         377,013         66,797         582,807         959,667         1,633,987         369,360         88,078         630,171         1,087,609         62,357         18,281         47,304	3000	Total	2 702		1 774	4.566	9,138	3,499		2.151	5.650	707		377	1.084
Rural   600   2.913   23.186   26.699   35.794   600   2.913   23.186   26.699   463		Lichan	009 1	275	089	2.555	3,452	2,063	: 275	089	3.018	. 463			463
Total   2,200   3,188   23,866   29,254   39,246   2,663   3,188   23,866   29,717   463	Villaba	Rura	009	2.913	23.186	26,699	35.794	009	2.913	23.186	26.699				
Urban         253,870         5.860         118.418         : 537,201         316,227         5.860         118,418         62,357         73.04           Rural         53,133         63,937         464,449         581,519         1,096,786         53,133         82,218         511,753         647,104         18,281         47,304           Text         307,003         60,797         582,867         959,667         1,633,987         369,360         88,078         630,171         1,087,609         62,357         18,281         47,304		Tota	2.200	3.188	23,866	29,254	39.246	2.663	3,188	23,866	29,717	463			463
Rural 53,133 63,937 464,449 581,519 1,096,786 53,133 82,218 511,753 647,104 18,281 47,304)		(left)	253.870	5.860	118.418	378,148	537,201	316,227	5.860	ı	440,505	62,357			62.357
Text 307 603 69 797 582.867 959,667 1,633,987 369,360 88,078 630,171 1,087,609 62,357 18,281 47,304	Provincial Total	2	53   33	63.937	464,449	581.519	1.096.786	53,133	\$2.218	- 1	647.104			47.304	65.585
	<u> </u>	- 10 10	307 003	797 69	582.867	959,667	1,633,987	369,360	88.078		1,087,609	62.357		47.304	127,942

(

Table 8.5.3 Population to be Served in Phase II (Water Supply)

6,488 4,028 5,5 6,488 4,028 22,2 17,696 5,1 1,696 6,7 6,7 6,3 1,22 6,7 6,3 1,752 3,715 1,752 3,299 1,752 3,428 2,428 3,099 1,3 1,5019 2,428 3,099 1,3 1,5019 2,428 3,099 1,3 1,5019 2,447 3,0071 1,6 1,5 2,447 1,6 1,5 2,447 1,6 1,5 2,447 1,6 1,5 2,447 1,6 1,5 2,447 1,6 1,5 2,4 2	Total  Total  7 21,238  7 33,383  7 7,033  8 25,386  8 24,745  8 19,213  7 698  8 17,942  8 17,942  8 12,597	3 7 7 7 8	Service   Level 11   4,028	Coverage Level 1 31,962 3 31,962 42,034 42,034 42,034 42,034 42,034 15,271	Total 1.3.697 13.697 35.990 49.687 14.157 42.034 56.191 7.367 28.374 35.741	Addition Level III   1 7,209 12,461 12,461	Level II	Additional Population to be Served           vel III         Level II         Level I         Tota           7,209         7,200         7,200         7,200	rved
Cevel III   Level III   Leve	70tal 12.298	3 7 7 7 2 2 2 2 2 2	Level 4. 4. 4. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	<sup>3</sup>	C 0 C C 4 - C 4 - 8		11 lava 11	Level 1	Total
Urban         6,488         4,028           Rural         6,488         4,028           Total         1,696         667           Urban         1,696         667           Rural         1,696         667           Urban         1,002         1,497           Urban         1,002         1,497           Urban         6,763         1,852           Rural         1,752         327           Vrban         1,723         2,80           Rural         1,723         2,80           Urban         1,723         3,09           Urban         1,723         2,80           Urban         1,723         2,80           Rural         1,723         2,80           Urban         1,723         2,99           Urban         1,723         29,475           Rural         24,447         30,071           Total         24,447         30,071			4 4		13.697 35.990 49.687 14.157 42.034 56.191 7.367 28.374 8.886	7.209 7.209 12.461 12.461 6.365			1
Aural 6,488 4,028  Total 6,488 4,028  Urban 1,696 667  Total 1,696 667  Rural 1,696 667  Total 1,692 667  Total 1,002 1,497  Urban 6,763 132  Urban 6,763 132  Urban 1,752 327  Total 5,467 30,071  Total 1,728 29,475  Rural 1,728 29,475  Total 2,4,447 30,071			4 4		35.990 49.687 14.157 42.034 56.191 28.374 35.741 8.886	7,209 12,461 12,461 6,365			7,209
ang Rural 6,488 4,028  Urban 1,696  Rural 1,696  Urban 1,002 667  Rural 1,002 1,497  Urban 6,763 132  Orban 6,763 132  Urban 1,752 327  Rural 1,752 327  Total 5,467 3,099  Rural 1,728 2,880  Total 1,728 2,880  Total 1,728 3,099  Rural 1,728 3,099  Rural 1,728 3,099  Rural 1,728 3,099  Total 2,4447 30,071			<b>4</b>		49,687 14,157 42,034 56,191 7,367 28,374 8,886	7,209 12,461 12,461 6,365		14 905	1: 905
Urban   1,696					14,157 42,034 56,191 7,367 28,741 8,886	12,461		14.905	22,114
Total 1,696   Color     Urban 1,002 667     Rural 1,002 667     Total 1,002 1,497     Urban 6,763 132     Urban 6,763 132     Total 6,763 1,984     Urban 3,715 327     Urban 1,723 327     Urban 1,723 327     Urban 1,728 3,099     Urban 1,728 3,097					28.374 28.374 35.741 8.886	12,461	ļ		12.461
Total 1,696  Urban 1,002 667  Rural 830  Total 1,002 1,497  Urban 6,763 132  Cross 6,763 1,984  Urban 3,715 327  Total 5,467 327  Urban 1,728 3,099  Rural 1,728 3,099  Urban 15,019 5,66  Rural 1,728 2,880  Total 2,4447 30,071					28,374 35,741 8,886	6.365		16.648	16.648
Orban 1,002 667  Rural 830  Total 1,002 1,497  Urban 6,763 132  Cross 6,763 1,984  Urban 3,715 327  Total 5,467 327  Urban 1,728 3,099  Rural 1,728 3,099  Curban 1,728 3,099  Rural 1,728 3,099  Rural 1,728 3,099  Total 2,4447 30,071					7.367 28.374 35.741 8.886	6.365		16.648	25.105
Rural   830     Total   1,002   497     Urban   6,763   132     Total   6,763   1,984     Urban   3,715   1,984     Urban   3,715   327     Total   5,467   327     Urban   1,728   2,880     Urban   1,728   3,099     Urban   15,019   5,96     Rural   9,428   29,475     Total   24,447   30,071     Total   24,447   30,071					28.374 35.741 8.886				6.365
Con Rural 1,002 1,497  Urban 6,763 132  Rural 6,763 1,984  Urban 3,715 327  Rural 1,752 327  Total 5,467 327  Urban 1,728 3,099  Rural 1,728 3,099  Urban 15,019 5,96  Rural 2,4447 30,071					35,741	0000		9.161	9.161
on Rural 6,763 132    Rural 6,763 1,984     Total 6,763 1,984     Urban 3,715 327     Total 5,467 327     Urban 1,728 2,580     Total 1,728 3,099     Urban 15,019 5,66     Rural 2,4447 30,071     Total 2,4447 30,071					8.886	6.365		9.161	15.526
on Rural 1,852  Total 6,763 1,984  Urban 3,715 327  Total 5,467 327  Urban 1,728 2,880  Total 1,728 3,099  Urban 15,019 596  Rural 1,728 3,099  Rural 2,4447 30,071						2,123			2,123
Total 6,763 1,984 Urban 3,715 Rural 1,752 327 Total 5,467 327 Urban 1,728 219 Rural 1,728 3,099 Urban 15,019 5,96 Rural 2,428 29,475 Total 2,4,447 30,071				15.271	17.123			6.879	6.879
Urban 3,715   327					26,009	2,123		6.879	9,002
Rural 1,752 327   Total 5,467 327   Strong					7.351	3.636			3.636
Total 5.467 327  Urban 1.728 219  Rural 2.880  Total 1,728 3.099  Urban 15.019 596  Rural 9,428 29,475  Total 24,447 30,071		26.307		22,387	24,466			11.869	11.869
Urban   1,728   219   2,880     Total   1,728   3,099   1   Urban   15,019   596   1   Total   24,427   30,071   1			9.103 327	22,387	31,817	3.636	. —	11.869	15.505
Rural 2,880   Total 1,728 3,099   1   Urban 15,019 596     Rural 9,428 29,475   1   Total 24,447 30,071   1			7,523		7.523	5,795			5.795
Total 1,728 3,099 Urban 15,019 596 Rural 9,428 29,475 Total 24,447 30,071			2.880	21,875	24,755		10.00	12.793	12,793
Urban 15,019 596 Rural 9,428 29,475 Total 24,447 30,071		34,537 7.	7,523 2,880	21.875	32,278	5,795	*****	12.793	18.588
Rural 9,428 29,475 Total 24,447 30,071		25.037 23,			23.785	8.766			8.766
Total 24,447 30,071 16,		72,047 9,428	128 29,475	28,101	67.004			17,000	17.000
200		97,084 33,213	213 29.475	28,101	90,789	3.766		17.000	25.766
252	803 15,231	18,569 17,641	541		17.641	3.608			3.608
1.165 4	745 21.624	48,131	1,165 4,714	.	44,762			23,138	23,138
Total 15,198 5,10	36,855	18.1	18,806 4,714	38,883	62,403	3.608		23,138	26.746
384	384	. 064	751		751	367			367
		51415 3.	3,182 1,092	43.542	47.816			23,060	23,060
Total 3.566 1.092	482 25,140	52,205	3.933 1.092		48.567	367	-	23.060	23.427
1 404	:	6.585	6,256		6,256	4.852			4.852
1.610	-	29.165	,610	25,513	27,123			8.288	8.288
Total 3.014	899 23.913	35,750 7.3	7.866	25.513	33.379	4.852		8.288	91.
336	114 11.478	14.534 13,	3,807		13,807	10,443			10,445
4.501 250	561 24.412	38,956 4.	4.501 250	31,478	36,229			11.8.17	11.817
Tom! 7865 250		53,490	18,308	31,478	50.036	10,443		11.8.7	22.260

Table 8.5.3 Population to be Served in Phase II (Water Supply) (Cont'd)

Name of Formation of American Information (a) American Information (b) American Information (c) American Information Informati			Pod	Population Se	Served in 2004	, ,				Phase II	Phase II Coverage (2010)	(2010)			
Urban   126   4,016   4,127   16,229   2,420   2,420   2,420   4,420   2,420	Name of	\$ \$							Service C	overage		Additic	ludod land	ation to be S	crved
Urban   126   4016   4,142   4,707   4,529   21,98   24,59   24,59   28,397   13,11   1,11	Municipality/City	5	Level III	Level II	Level 1	Total	Total Population	Level III	Level II	Level 1	Total	Level III	Level II	Level 1	Total
Name			76.		7101	C 1 1 2 3	4 767	4.529			4,529	4,403			4,403
Total   3,246   12,2456   13,257   20,345   31,216   7,679   250   21,198   20,127   20,345   23,571   23,446   25,442   20,796   24,455   23,545   23,441   22,426   25,971   39,576   26,342   23,649   23,441   22,426   25,971   39,576   26,342   23,649   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441   23,446   23,441		Orban	3 5		108 61	16.201	26.449	3.150	250	21,198	24.598			8 397	\$.397
Urban   3,546   C   1,2712   1,725   2,532   2,532   1,306	Dagamı	Kura	0,1°C		16.817	20.343	31.216	7.679	250	21,198	29,127	403		8 397	12,800
Cheal   3,346   13,346   13,346   22,372   39,676   24,342   13,069   13,069   13,049   4,355   2,456   22,342   13,069   13,06		) otal	777		12.712	17.258	25.623	24.342			24,342	20.796			20.796
Victaria   3,546   113   12,2436   25,972   39,679   24,342   13,669   37,411   20,796   4,355   24,706   12,2436   24,705   24,705   26,243   24,705   24,705   26,243   24,705   24	· ·	Croan	0.0		8 714	\$ 714	14,053			13,069	13,069			4,355	4,355
Curbon         2,714         131         4,631         7,256         9,576         3,095         3,588         9,097         6,583         1,2969         11           Furnal         4,776         3,055         2,280         3,730         3,673         4,598         4,796         3,688         1,2969         11           Tomal         2,714         1,228         3,471         3,673         1,637         1,637         1,637         1,637         1,637         1,637         1,637         1,637         1,637         1,637         1,637         1,638         2,538         2,530         1,2369         1,114         1,248         2,114         2,144         1,144         2,144	<b>J</b> ulay	Total	3.546		22,426	25.972	39.676	24.342		13,069	37,411	20,796		4.355	25.151
Column   C		Lirban	2.714	131	4.431	7.276	9.576	6 097			9.097	6.383			5000
Total	Hilongos	Rural	4,795	3,055	22,889	30,739	46.998	4.795	3.055	35.858	43.70S	1		12,969	3,55
Name	5	Tota	7.509	3,186	27,320	38,015	56.574	13,892	3.055	35.858	52,805	6,583		7,76%	200,61
Furial   1,025   9,342   10,367   13,420   1,025   11,456   12,481   1,224   2,114   2,114   3,537   1,025   11,456   16,018   1,1324   2,114   2,114   2,147   2,1456   16,018   1,1324   2,114   2,114   2,147   2,145   2,1527   2,125   2,405   1,1222		(Jrban	2.213		1,258	3.471	3,723	3,537			3.537	1,324			†*************************************
Total   2,213   1,025   10,600   13,838   17,143   3,537   1,025   10,601   1,324   2,114   2,114   3,517   1,005   1,240	Hindane	8113		1.025	9,342	10.367	13,420		1.025	11,456	12,481			2,114	†
Urban   347   4.247   5.714   9.961   1.303   2.857   2.722   4.247   17.006   21.235   2.405   11.292   11.2	S. 1971.11.1	- F	2213	1 025	10.600	13,838		3.537	1.025	11.456	16.018	1,324		2.11.4	5.458
Rural   4,247   5,714   9,961   22,853   4,247   17,006   21,253   1,1222		irhan	.47		956	1 303		2.752			2.752	2,405			2,405
Total   347   4.247   6.670   11.264   25.750   2.752   4.247   17,006   24.005   2.405   11.202   11.202   11.202   11.202   11.204   11.204   11.204   11.204   11.204   11.204   11.205   1	1	0		4 247	5.714	9.961	22,853		4,247	17,006	21,253			11.292	1: 292
Urban         4,688         9,167         13,854         16,438         15,616         22,370         26,474         10,928         8,945           Rural         4,104         13,425         17,529         28,467         4,104         22,370         26,474         8,945           Total         8,792         22,592         31,384         44,905         19,720         22,370         42,090         10,928         8,945           Furban         1,818         5,283         5,247         7,143         7,143         27,30         22,370         26,725         18,656         1,856         2,945         1,818         23,393         25,727         18,656         1,865         2,866         1,818         23,939         25,727         18,656         2,878         1,8656         2,878         1,8656         2,878         1,8656         2,878         1,8656         2,867         1,867         3,511         4,499         18,678         28,770         613         2,966         23,490         4,447         2,878         1,448         1,867         3,249         4,447         2,867         2,449         1,449         18,678         23,490         2,449         2,867         2,449         1,449         18,678 <t< td=""><td>iiiopacaii</td><td>7.00.0</td><td>747</td><td>4 247</td><td>6.670</td><td>11.264</td><td>25,750</td><td></td><td>4,247</td><td>12,006</td><td>24,005</td><td>2,405</td><td>,</td><td>11.292</td><td>13,697</td></t<>	iiiopacaii	7.00.0	747	4 247	6.670	11.264	25,750		4,247	12,006	24,005	2,405	,	11.292	13,697
Runal         4,104         13,425         17,529         28,467         4,104         22,370         26,474         8,945         13,425         17,529         28,467         4,104         22,370         26,790         10,928         8,945         11         10,104         22,592         31,384         44,905         19,720         22,370         42,090         10,928         8,945         11         10,00         729         5,247         7,519         7,143         2,330         2,725         12,125         1,818         2,725         12,656         1         1,818         2,353         2,245         1,818         2,349         2,256         2,349         2,256         2,349         3,344         3,344         3,344         3,344         3,344         3,344         3,344         3,344         3,344         3,344         3,344         3,344		1 12 20	4 688		9.167	13.855	16,438				15.616	10,928			10.928
Total   S,722   12,582   31,384   44,905   19,720   42,909   10,928   8,945   11			401.4		13 425	17.529	28,467	4 104		22,370	26.474			8,945	8,9,5
Urban         4,418         100         729         5,247         7,149         7,145         2,725         18,656         11           Rural         1,818         5,283         7,101         27,696         1,818         23,939         25,757         18,656         1           Total         4,418         1,918         6,012         1,2348         35,215         7,145         1,818         23,939         32,900         2,725         18,656         2           Total         1,254         645         461         2,360         3,720         5,34         2,250         8,678         1           Total         1,867         3,611         14,960         20,438         32,490         4,147         2,966         23,177         26,756         2,280         8,678         1           Urban         702         2,620         3,322         6,227         5,916         11,415         1,415         5,214         5,539           Rural         702         8,496         9,198         18,501         8,294         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,1415         1,14	Isaoci	Total	\$ 707		22.592	31 384	44,905	19.720		22,370	42,090	- -		8.945	19,873
Rural         1,818         5,283         7,101         27,696         1,818         23,939         25,757         18,656         11,818         18,656         12,54         643         461         2,360         3,720         3,534         23,939         32,900         2,725         18,656         2           Urban         1,254         645         461         2,360         3,720         613         2,966         23,177         26,756         2,280         8,678         1           Total         1,867         3,611         14,990         18,078         32,490         4,147         2,966         23,177         26,290         2,280         8,678         1           Urban         702         2,620         3,322         6,227         5,916         11,415		- Irhan	4418	ľ	729	5.247	7.519	7,143			7 143	2.725			2.725
Total 4,418 1,918 6,012 12,348 35,215 7,143 1,818 23,939 32,900 2,725 18,656 2  Urban 1,254 645 461 2,360 3,720 5,534 2,566 23,177 26,756 2,580 8,678 1,000	1	3 2	7.	8	5.283	7.101	27,696		1,818	23,939	25,757			18,656	18.656
Urban         1,254         645         461         2,360         3,720         3,534         2,966         23,177         26,756         2,280         8,678           Rural         613         2,966         14,499         18,078         28,770         613         2,966         23,177         26,726         2,280         8,678         1           Total         7,02         2,670         5,876         5,916         2,966         23,177         30,290         2,230         8,678         1           Rural         702         8,496         9,198         18,501         5,916         11,415         1,1415         5,214         5,539         1           Urban         7,140         8,730         8,294         1,123         36,702         38,738         1,154         1,154         1,154         1,560         1           Rural         1,913         1,123         20,742         23,778         42,729         1,123         36,702         48,032         1,154         15,960         1           Orban         652         1,524         1,562         3,738         5,611         5,330         1,703         1,503         2,4578         1,703         1,703         1,703	Jaro	Total	4418	-	6.012	12.348		7.143	1.818	23,939	32,900	2,725		18,656	21,381
Rural         613         2,966         23,177         26,756         8,678           Rural         1,867         3,611         14,960         20,438         22,490         4,147         2,966         23,177         30,290         2,280         8,678         1           Total         702         2,676         5,876         5,876         5,916         11,415         11,415         11,415         11,415         1,124         5,539           Purban         7,140         8,730         8,294         1,913         1,124         5,539         1,154         1,560         1           Rural         1,913         1,123         20,742         23,778         42,729         1,913         1,123         20,742         30,918         5,145         1,123         36,702         48,032         1,154         15,960         1           Poban         652         1,524         1,562         3,738         5,611         5,330         1,123         36,918         5,112         36,702         4,678         7,773         1           Rural         1,703         7,625         9,328         1,703         1,703         1,539         22,451         4,678         7,773         1 <td></td> <td>1 Juhan</td> <td>1 254</td> <td></td> <td>461</td> <td>2,360</td> <td></td> <td>5.534</td> <td></td> <td>-</td> <td>3,534</td> <td></td> <td></td> <td></td> <td>2.280</td>		1 Juhan	1 254		461	2,360		5.534		-	3,534				2.280
Total         1,367         3,611         14,960         20,438         32,490         4,147         2,966         23,177         30,290         2,230         8,678         1           Urban         702         2,620         3,322         6,227         5,916         5,916         5,214         5,539           Rural         702         8,496         9,198         18,501         5,916         11,415         17,331         5,214         5,539           Urban         7,140         8,730         8,294         1,123         3,242         1,154         15,596         1           Rural         1,913         1,123         20,742         23,778         42,729         1,913         1,124         15,596         1           Cotal         9,053         1,123         20,742         23,778         42,729         1,123         36,702         48,032         1,154         15,960         1           Urban         652         1,524         1,562         3,738         5,611         5,330         1,703         4,678         7,773         1           Rural         1,703         1,703         15,398         1,703         1,703         1,678         4,678         7,773	(Buoho)	Rura	613	2.966	14,499	18.078	28,770		2,966	23,177	26,756			8,678	8.678
Urban         702         2.620         3.322         6.227         5.916         5.916         5.214         5.539           Rural         702         8.496         9.198         18.501         5.916         11.415         17.331         5.214         5.539           Urban         7.140         8.730         8.294         1.123         26.742         23.778         42.729         1.913         1,124         15.960         1.           Total         9.053         1.123         20.742         23.778         42.729         1.913         1,123         36.702         48.032         1,154         15.960         1.           Urban         652         1.524         1.562         37.338         5.611         5.330         1,123         36.702         48.032         1,154         15.960         1           Urban         652         1.524         1.562         3.738         5.611         5.330         1,703         4.678         7.773         1           Rural         1.703         7.625         9.328         18.388         1,703         15.398         22.431         4.678         7.775         1	(automa) la care	Total	1,367		14,960	20,438			2,966	23,177	30,290			8.678	866.01
Rural         702         8.496         9.198         18.501         5.916         11.415         17.331         5.214         5.539         1.154           Total         702         8.496         9.198         18.501         5.916         11.415         17.331         5.214         5.539         1.154           Urban         7.140         8.730         8.294         1.123         36.742         23.778         42.729         1.913         1,123         36.732         1.154         15.960         1.           Total         9.053         1,123         20.742         30.918         51.459         10.207         1,123         36.702         48.032         1,154         15.960         1.           Urban         652         1,524         1,562         3.738         5.611         5.330         1,703         4.678         7.773           Rural         1,703         7,625         9,328         18,388         1,703         15,399         22,431         4.678         7.773         1		Urban	702		2,620	3,322	6.227	5.916			5.916	4		1	417.0
Total         702         8.496         9.198         18.501         5.916         11.415         17.331         5.214         5.539         11.54           Urban         7.140         8.730         8.294         1.123         36.742         23.778         42.729         1.913         1,123         36.736         1.154         15.960         1.           Rural         1,913         1,123         20.742         23.778         42.729         1.913         1,123         36.732         48.032         1.154         15.960         1.           Total         9,053         1,123         20.742         30.918         51.459         10.207         1,123         36.702         48.032         1,154         15.960         1           Urban         652         1,524         1,562         3.738         5.611         5.330         1,703         4.678         7.773         1           Rural         1,703         7,723         1,703         15.398         22.431         4.678         7.773         1	linhta	Rural			5.876	5.876				11,415	11.415			\$.539	25.5
Urban         7.140         8.730         8.294         1.123         36,702         39,738         1.154         15,960         1.           Rural         1.913         1.123         20,742         23,778         42,729         1.913         1,123         36,732         39,738         1,154         15,960         1.           Total         9,053         1,123         20,742         30,918         51,459         10,207         1,123         36,702         48,032         1,154         15,960         1           Urban         652         1,524         1,562         3,738         5,611         5,330         1,703         15,396         4,678         7,773           Rural         1,703         7,625         9,328         18,388         1,703         15,398         22,431         4,678         7,773         1	i :	Total	702		8,496	9,198		2,916		11.415	17,331			5.539	:0.755
Rural 1,913 1,123 20,742 23,778 42,729 1,913 1,123 36,702 39,738 1,154 15,960 1 15,960 1 1		1 rhan	7 140			7,140		8,294		2 · · · · · · · · · · · · · · · · · · ·	8.294	.:			3
Total         9,053         1,123         20,742         30,918         51,459         10,207         1,123         36,702         48,032         1,154         15,960         1           Urban         652         1,524         1,562         3,738         5,611         5,330         15,398         4,678         7,773           Rural         1,703         7,625         9,328         18,388         1,703         15,398         17,101           Total         652         3,227         9,187         13,066         23,999         5,330         1,703         15,398         22,431         4,678         7,773         1	100000	Registra	1013		20.742	23.778	١.	1.913		36,702	39,738			15.960	15.960
Urban         652         1,524         1,562         3,738         5,611         5,330         5,330         4,678           Rural         1,703         7,625         9,328         18,388         1,703         15,398         17,101         7,773           Total         652         3,227         9,187         13,066         23,999         5,330         1,703         15,398         22,431         4,678         7,773         1	भूदाावरा है। 		0.053		20.742	30.918	:	10,207	1,123	36,702	48.032	Ţ.		15.960	17,114
Rural 652 3.227 9.187 13.066 23.999 5.330 1.703 15.398 22.431 4.678 7.773 1		11rhan	259		1.562	3.738		5.330			5,330				4.678
Tem 652 3.227 9.187 13.066 23.999 5.330 1.703 15.398 22.431 4.678 7.773	, Do.,	-		1 703	7,625	9.328			1,703	865.21	17.101			7.773	7,773
	בים בים כי	1	659	3.2	187	13.066	ŀ			868'51	22.431	4.678		7.773	12,451

Table 8.5.3 Population to be Served in Phase 11 (Water Supply) (Cont'd)

		Po	pulation S	Population Served in 2004	4			-1	Phase II	Phase II Coverage (2010)	(2010)			
Name of	Area				1			Service C	Coverage		Addition	al Popula	Additional Population to be Served	erved
Municipality/City		Level III	Level II	Level 1	Total	l otal Population	Level III	Level II	Level I	Total	Level III	Level 11	Level 1	Total
	1)rban	1 352	-	1.250	2,602	4.380	4,161			4,161	2.809			2.809
•	2 0	10	2 186	17 593	008 6	34.090	21	2,186	29,497	31,704		-	11,904	:1.904
רכאונ	Total	1 373	2.186	18.843	22.402	38.470	4.182	2,186	29.497	35.865	2.809		11.904	14,713
	Urban	582		2,107	2,691	5.671	5.387			5.387	4,803			4.803
MacArthur	Rura		1.381	8,927	10.308	27,359		1.381	24,063	25.444			15,136	15,136
	Total	584	1.381	11.034	12,999	33,030	5.387	1,381	24,063	30,831	4.803		15.136	19.939
	l Jrhan	542		2.183	2,725	4,254	4,041			4.041	3.499			3.499
Mahantag	Rura		1,116	7,829	8,945	23,698		1,:16	20,923	22,039			13,094	13.094
	Total	542	1,116	10,012	11.670	27,952	4.04 }	1.116	20.923	26.080	3,499		13.094	16.593
	(Jrhan	766	450	2,145	3.592	5,121	4,865			4,865	3.868			3.868
Marag-oh	R	1,435	2.360		9.818	18,764	1.435	2,360	13,656	17,451			7,633	7,633
>> 0	150	2 432	2.810		13,410	23,885		2,360	13,656	22,316	3.868		7,633	11.501
	Lirban	3.020	476	236	3.732	3,756	3,732			3,732	712			712
Matalom	2	3 537	2.814	7.334	13.685	24,476	3.537	2,814	16,412	22,763	+		9.078	9.078
	Total	6.557	3.290	7.570	17.417	28.232		2,814	16,412	26,495	712		9.078	9,790
	1 Irban	331	72	1.684	2,087	2,573	2,444	1		2,444	2,113			2.113
Mayorm	N I		146	9699	6,842	10,052		146	9.202	9,348			2.506	2,506
	Total	155	218	8.380	8.929	12.625	2 444	146	9,202	11.792	2.113		2,506	4.619
	lrhan	2.879		490	3.369	3,858	3.665			3,665	786			786
, derid	Rura	181		16.149	16,330	24,444	181		22,552	22,733		-	6.403	6,403
	Torai	3.060		16,639	19.699	28,302	3.846		22,552	26,398	786		6,403	7.189
	Lichan	17.659		4.763	22,422	30,167	28.659			28.659	11,000			00:::
Daio	2			21.644	21.644	30,980			28.811	28.811			7,167	7,167
	100	17.650		26.407	44 066	61,147	28,659		28,811	57.470	11,000		7.167	18.167
	1 John	4.817		4.662	9.479	14.501				13.776	8,959			8.959
Pulompon	2 2	288	153	16.171	17.208	51.164	884	153	46,546	47,583			30,375	30.375
	101	\$ 701	153	20.833	26.687	65,665	099.5	153	46.546	61,359	8,959		30,375!	39,334
	2 4	547		1638	2.185	5.987	3.788			3.788	3,241			3,241
Pasteriora	ά	2 150		4.952	7.102	17,514	2,150		14,138	16.288			9,186.	9,186
	100	2 697		065 9	9 2871	21.50	5.938		14,138	20,076	3,241		981.6	12,427
	i Irlan	818	18/	1.038	2 034	7.022	6.671			6.671	5,853	-		5.853
San Isidro	2			9.527	865.6	41,485		71	38.510	38.581			28.983	28,983
3000		013	10,0	373 01	11 633	48 507	1299	-	015 85	45,552	5.853		580 Sc	358.55

Table 8.5.3 Population to be Served in Phase II (Water Supply) (Cont'd)

		Po	Population Se	Served in 2004	75			•	Phase II	Phase II Coverage (2010)	(2010)			
Name of	Area					1202		Service Coverage	overage		Additio	nal Popula	Additional Population to be Served	erved
Municipality/City		Level III	Level 11	Levell	Total	Population	Level III	Level II	Level I	Total	Level III	Level II	Level I	Total
	1 1	473		2 242	2.715	3,797	3.607			3.607	3,134			3.134
Con Minne	(a)		1.052	7.108	8,160	14.084		1.052	12,046	13,098			4.938	4,938
	Total	473	1.052	9,350	10,875	17.881	3.607	1,052	12,046	16,705	3.134		4.938	5.072
	I this	332		1.34	1,466	2,817	2.676			2.676	2,344			2,344
Canth Fe	Rural Firm		152	8.844	8,998	16.560		154	15.247	15,401			6.403	6.403
	Total	332	152	9,978	10,464	19.377	2.676	154	15,247	18.077	2,344		6.403	8.747
	Urban	710		2,468	3.178	5.61	5.359			5,359	4.649			4.649
Tabanso	Rural		2.875	14,079	16,954	32,643		2,875	27,483	30,358		-	13,404	13.404
	Total	710	2.87	16,547	20,132	38,284	5,359	2.875	27.483	35,717	4,649		13.404	18.053
	Urban	536		1,247	1,783	2,705	2,570			2.570	2,034			2,034
Tahontahon	Rural			2,533	2,533	5.878			5.467	5,467			2,934	2.934
-	Total	536		3,780	4316	8,583	2,570		5,467	8.037	2,034		2.934	4.968
	Urban	188.917			188.917	267.815	254,424			254,424	65,507			65.507
Č Š	Rural			13,692	15,067	31.689		1,375	28,096	29,471			4.42	고 라
(Capital)	Total	188.917	1.375	13,692	203,984	299,504	254,424	1.375	28,096	283,895	65,507		14,404	79.91
	Urban	2 274		8,629	10,903	16,933	16,086			16,086	13,812	-		13,812
Тэпэнэр	Rural	3.575	1.889	11,939	17,403	32,047	3,575	1.889	24,340	29.804			12,401	12.401
	Total	5.849		20,568	28,306	48,980	19,661	1,889	24,340	45.890	13,812		12,401	26.213
	Urban	1.635		91	1,651	1,841	1,749			1,749	114			-
Tologa	Rural	3.383		6,761	10,242	13.841	3,383	86	9,391	12,872		:	2.630	2.630
	Total	5.018	88	6,777	11.893	15,682	5,132	86	9,391	14,621	134		2,630	2,74
	Orban	2,345		1.327	3.672	6,484	6,160		1 1	6,160	3,815		1	3.815
Tunca	Rural	1.154		\$24	876,1	4,756	1,154		3.269	4.423			2.445	2.445
	Total	3,499		2,151	5.650	11,240	7,314		3.269	10.583	3,815		2,445	6.260
	Crean	2.063	L.,	089	3.018	3,686	3,502			3.502	1,439			1.439
Villaba	Rural	009		23,186	26,699	38,220	009	2.913	32,032	35.545.	* 1		8.846	S.S.46
	Total	2,663	3,188		29,717	41.906	4,102	2.913	32.032	39.047	1.439		8,846	10.285
	Urban	316.227	5,860	118.418	440,505	619,441	588.633	1. 1.		588.633	272.406		:	272,406
Provincial Total	Rural	53,133	ı	511,753	647,104	1,201,299	53,133	\$2,218	981,859	1,117,210			470,106	470,106
	Total	369.360	Ł	630,171	1,087,609	1.820,740	641,766	\$2,218	981.859	981,859 1,705,843	272.406		470.106	742.512
			ш									·		

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# 8.5.2 Sanitation

Table 8.5.4 Additional Number of Households to be Served in Phase I (Household Toilets)

Flush         Pour List         Flush         Flush         Flush         Flush         Additional No. of Hists         Flush         Flush         Pour List         Additional No. of Hists         Flush         Flush         Flush         Pour List         VIP/Dry         Total         Pour List         VIP/Dry         Pour List         VIP/Dry         Pour List				No. of House	ehold Served	72				Phase I	Phase I Coverage (2004)	2004)			
Fluck	Name of	Area		THE CITY OF					Household			Addition	onal No. of	HHs to be	Served
Urban         2,264         2,264         2,774         2,219         45         2,264         915           Toal         Toal         2,264         2,774         2,710         32         2,264         915           Toal         Toal         4,508         1,972         2,418         6,88         1,257         39         1,974         6915           Toal         6,772         4,508         7,611         3,712         2,418         6,88         1,257         39         1,934         6915           Urban         6,772         4,308         1,035         2,418         6,88         1,257         39         1,534         600         1,847           Runal         4,508         1,016         1,512         3,99         5,706         2,50         5,725         399         313           Runal         1,659         1,675         1,675         1,675         1,675         4,706         2,50         5,72         399         313           Runal         1,657         1,674         1,675         4,706         4,706         2,70         2,70         399         313           Runal         1,657         1,674         1,675         1,676	Municipality/City		Flush	Pour Flush	VIP/Dry	Total	of HHs	Flush	Pour Flush	VIP/Dry	Total	Flusb	Pour Flush	VIP/Dry	Total
Runal         4,508         7,611         5,221         2.85         7,02         915           Total         6,772         4,508         1,611         3,62         3,50         915           Total         6,772         4,508         1,623         3,62         39         1,534         915           Runal         33         3,456         44         3,513         7,461         33         5,836         609         1,847           Total         62         5,724         49         3,513         7,461         33         5,836         609         1,847           Runal         1,070         1,016         1,016         1,016         1,016         3,976         6,020         3,976         3,976         3,976         3,976         3,976         3,976         3,976         3,976         3,976         3,00         2,54         3,91				2 764		2 264	2.774		2.219	45	2,264			45	45
Total		8010		A 508		4.508	7.611		5,423		5.708		915		1 200
Wear         29         1,528         5         1,922         2,418         658         1,227         39         1,934         609         1,847           Remal         33         3,456         44         3,513         7,461         33         5,281         290         1,210         399         1,847           Urban         6,236         3,976         1,016         1,512         399         7,87         24         1,210         399         313           Remai         1,016         1,016         1,512         399         7,87         26         4,515         399         313           Toban         851         1,524         411         809         25         1,226         4,11         509         313           Remai         1,653         1,585         4,11         809         25         1,226         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11         509         4,11		Total		6777		4.508	10.385		7,642		7,972		915		1 245
Runal         53         5,456         44         3,513         7,461         33         5,283         289         5,596         1,347           Total         62         3,246         49         3,513         9,879         671         6,540         239         1,329         1,347           Runal         1,016         1,016         1,016         1,016         2,076         2,520         4,219         399         313           Runal         1,016         3,976         1,036         1,523         3172         24         1,210         399         313           Runal         1,021         3,976         3,976         1,532         3172         24         250         4,51         399         313           Runal         1,653         1,673         3,976         4,375         3,926         4,11         599         313           Runal         1,653         1,673         4,11         809         25         1,11         593           Runal         1,653         1,673         4,11         809         25         1,105         1,105           Runal         1,653         1,108         1,108         2,11         3,24         3,11<		I rhor	20			1.922	2,418	638	1,257		1,934	609			\$3
Total   C2   S.324   49   S.512   9.879   671   6.540   319   7.530   609   1.847			37			3.513	7,461	33	5.283	280	5,596		1,847		2,083
Urban         1,016         1,512         399         787         24         1,210         399         313           Rural         3,976         3,976         6,020         4,518         226         4,518         399         313           Rural         4,992         3,976         6,020         4,11         809         226         4,518         399         313           Rural         1,653         1,653         1,556         411         809         25         1,245         411         809         25         1,245         411         809         25         1,245         411         809         25         1,245         411         809         25         1,245         411         809		Total	3			3.513	6286	129	6,540	,	7,530	609	1,847		2.726
Rural         3,976         6,020         4,289         226         4,515         391           Total         4,992         3,976         6,020         4,289         250         4,515         399         313           Total         6,831         1,524         1,526         411         3,056         4,718         411         3,056         4,11         593           Rural         1,653         1,653         4,708         411         3,055         143         3,609         411         593           Rural         1,653         1,653         4,708         411         3,055         141         3,656         411         5,059         1,103           Rural         1,054         1,653         4,708         411         3,055         142         1,054         1,103           Rural         1,054         1,366         5,708         676         3,485         1,86         1,103           Rural         1,054         1,499         1,589         1,054         1,103           Rural         1,054         1,499         1,242         1,276         2,236         1,103           Rural         2,313         3,321         3,322         3,22		I Jehan	3			1.016		399	787	24	1.210	399	7.41		423
Total   4,992   3,976   7,532   399   5,076   250   5,726   399   313     Fural		Right		3.976		3,976			4,289	226	4,515		313		539
Chean   Color   Colo	21000	7012		4 992		3.976	7.532	399	5.076		5.725		313		962
Rural         1,653         1,153         3,152         411         2,246         118         2,354         503           Total         2,504         1,653         4,708         4,11         3,055         143         3,699         4,11         593           Urban         243         1,653         4,708         4,11         3,055         143         3,699         4,11         593           Rural         165         1,701         8,66         4,398         3,30         2,804         1,03         1,03           Total         105         1,304         1,409         1,549         1,549         1,03         1,103           Rural         106         1,304         1,409         1,549         1,220         1,409         1,409         1,409         1,409         1,409         1,409         1,409         1,409         1,103         1,409         1,103         1,409         1,409         1,409         1,409         1,409         1,409         1,103         1,409         1,103         1,103         1,103         1,409         1,103         1,103         1,103         1,103         1,103         1,103         1,103         1,103         1,103         1,103         1,10		red'.		158		851	1.556	411	808		1,245				436
Total         2,504         1,653         4,708         4,11         3,055         143         3,609         4,11         5,055         143         3,609         4,11         5,055         143         3,609         4,11         5,03         4,03         1,04         1,03         1,04         1,03         1,04         1,03         1,04         1,03         1,04         1,03         1,04         1,03         1,04         1,04         1,04         1,04         1,04	Doboto			1653		1,653	3,152		2,246		2,364		593		711
Urban         243         697         940         1,310         346         681         21         1,048         103           Rural         165         1,701         1,866         4,389         330         2,804         165         3,102         1,103           Total         408         2,388         1,866         5,708         676         3,485         186         4,347         2.68         1,103           Rural         15         2,643         2,658         4,961         15         3,420         186         3,721         877           Foral         120         3,947         2,658         4,961         12         4,796         214         5,130         877           Foral         120         3,947         2,658         4,961         12         4,796         214         5,130         877           Rural         2,53         3,15         4,261         12         4,796         214         5,130         8,632         647         5,632         647         5,134         8,13           Rural         3,15         1,237         1,737         1,739         1,483         7,150         375         9,08         1,483	nogingori.	Total Land		2 504		1,653	4,708	411	3,055		3,609	- '	593		1.147
Rural         1.65         1.701         1.366         4.398         330         2.894         165         3.299         165         1.103           Total         408         2.398         1.866         5.708         676         3.485         186         4.347         268         1.103           Urban         105         1.304         1.409         1.549         105         1.276         28         1.409         8.77           Rural         120         2.643         2.658         6.510         120         4.721         8.77           Urban         2.35         3.152         3.877         4.561         120         4.726         1.340         597         11.937         1.046         8.77           Wural         2.35         15.089         11.937         14.221         12.81         13.66         5.73         15.074         1.340         597         11.937         10.46         8.77           Rural         2.737         11.937         10.074         1.281         13.66         5.73         6.47         6.47         6.47         6.47         6.47         6.47         6.47         6.47         6.51         6.52         6.62         6.72 <t< td=""><td></td><td>i i</td><td>243</td><td></td><td></td><td>940</td><td></td><td>346</td><td></td><td>.:</td><td>1,048</td><td></td><td></td><td>21</td><td>124</td></t<>		i i	243			940		346		.:	1,048			21	124
Total         408         2,396         1,866         5,708         676         3,485         186         4,347         268         1,103           Urban         105         1,304         1,409         1,549         105         1,276         28         1,409         877           Rural         15         2,643         2,658         4,961         15         3,20         186         3,721         877           Obban         2,397         1,372         3,877         4,853         1,281         2,150         877           Rural         2,35         1,637         1,637         1,281         1,240         897         1,637         1,046           Rural         2,444         2,444         3,167         836         6,75         15,819         1,046           Rural         5,737         8,632         647         5,633         647         5,634         647           Rural         8,181         3,167         8,181         3,167         8,181         3,1483         7,150         375         647           Urban         2,53         2,644         3,167         8,183         7,180         3,244         3,173         3,148         3,148 </td <td>Q. Carrier G.</td> <td>200</td> <td>165</td> <td></td> <td></td> <td>1.366</td> <td></td> <td>330</td> <td>L</td> <td></td> <td>4</td> <td>165</td> <td></td> <td>:</td> <td>1.433</td>	Q. Carrier G.	200	165			1.366		330	L		4	165		:	1.433
Urban         105         1,304         1,409         1,549         105         1,276         28         1,409         877           Rural         15         2,643         2,658         4,961         15         3,520         186         3,721         877           Total         120         3,947         2,658         6,510         120         4,796         214         5,130         877           Urban         235         3,162         3,387         4,853         1,281         1,240         877         1,046           Urban         2,344         2,658         6,510         1,237         1,240         597         1,046         7           Rural         2,737         3,167         836         1,647         51         1,046         4,266           Wural         13         4,014         34         4,061         8,703         653         5,563         326         6,577         640         1,576           Rural         1,074         34         4,061         8,703         653         5,548         326         6,577         6,474         647         1,576           Rural         1,074         34         4,061         8,703	OK HIG	100	408			1.866		9/9				268			1.557
Rural         15         2.643         2.658         4.961         15         3.520         186         3.721         877           Total         120         3.947         2.658         6.510         120         4.796         214         5.130         877           Ucban         2.35         3.152         3.387         4.853         1.281         2.523         78         3.882         1.046           Rural         2.344         2.644         3.167         1.281         1.353         1.046         877           Urban         2.444         2.744         3.167         8.36         1.647         5.1         5.234         8.56           Urban         2.5         1.2         6.47         5.503         3.2         6.47         6.47           Urban         2.5         1.2         6.3         1.31         3.5         6.8         2         1.05           Rural         3.106         4.061         8.703         6.83         5.616         3.2         6.40         1.576           Inchan         3.106         4.061         8.703         6.83         5.616         3.2         6.40         1.576           Inchan         3.		1 Jrhan	105			1,409		105							28
Total         120         3,947         2,658         6,510         120         4,796         214         5,130         877           Urban         235         3,152         3,387         4,853         1,281         2,523         78         3,882         1,046           Total         235         15,089         11,937         14,221         13,863         675         15,819         1,046           Urban         2,444         2,444         3,167         836         16,47         51         2,534         836           Urban         25         2,644         3,167         8,632         647         5.03         324         6,474         647           Rural         1,3         4,014         3,167         8,632         647         5.03         324         6,474         647           Purban         25         26         12         6,374         6,474         6,474         647         42           Rural         1,3         4,040         46         4,061         8,737         688         5,616         328         6,632         6,632         6,632         6,632         6,632         6,632         6,632         6,632         6,632	500	2 2	-			2,658		15		71			877		1.063
Urban         235         3.387         4.853         1.281         2.523         78         3.882         1.046           Rural         235         15.089         11.937         11.937         11.937         11.937         10.074         1.281         13.67         597         11.937         10.046           Total         235         15.089         11.937         19.074         1.281         16.47         51         15.819         1.046           Urban         2,737         2,444         2,444         3.167         8.632         647         6.474         647           Rural         3,181         3,737         11.799         1,483         7,150         375         9,008         1,483           Rural         1,074         4,014         4,061         8,573         653         5,548         326         6,527         640         1,534           Rural         1,074         4,061         8,573         653         5,548         326         6,527         640         1,576           Rural         1,074         1,074         1,074         1,074         1,074         1,074         1,074         1,074         1,074         2,123         4,380	Orra	100	120			2.658		120	L		5.130		877		1,091
Rural         235         11,937         11,937         14,221         11,340         597         11,937         1046           Total         235         15,089         11,937         19,074         1,281         13,863         675         15,819         1,046           Urban         2,444         2,444         3,167         836         1,647         51         2,534         636           Rural         5,737         5,737         8,632         647         5,503         324         6,474         647           Furban         25         26         12         63         131         35         68         2         105         10         42           Rural         13         4,040         46         4,061         8,8703         653         5,548         326         6,527         640         1,534           Total         38         4,040         46         4,061         8,874         688         5,616         328         6,632         6,527         640         1,576           Total         3,104         4,061         8,834         6,83         5,616         328         6,632         6,527         6,474         6,474         6,47		100				3.387		1.281		78	3.882			7.8	1,124
Outban         235         15,089         11,937         19,074         1,281         13,867         675         15,819         1,046           Urban         2,444         2,444         3,167         836         1,647         51         2,534         836           Rural         5,737         5,737         8,632         647         5,503         324         6,474         647           Total         8,181         5,737         11,799         1,483         7,150         375         9,008         1,483           Urban         25         26         12         63         1,51         35         68         2         105         10         42           Rural         13         4,014         34         4,061         8,334         688         5,616         328         6,622         640         1,576           Total         38         4,040         4,6         4,061         8,834         688         5,616         32,14         391         1,576           Crban         1,074         1,074         1,074         1,074         1,074         3,327         1,06         3,914         391         1,205           Total         2,196<	, cody, co	2				11.937	14,221		11,340		11,937			597	597
Urban         2,444         3,167         836         1,647         51         2,534         836           Rural         5,737         5,737         8,632         647         5,503         324         6,474         647           Total         8,181         5,737         11,799         1,483         7,150         375         9,008         1,483           Urban         25         26         12         63         1,31         35         68         2         105         10         42           Rural         13         4,014         34         4,061         8,834         688         5,616         328         6,622         640         1,534           Total         38         4,040         4,6         4,061         8,834         688         5,616         328         6,622         650         1,576           Crban         1,074         1,238         1,053         2,11         3,914         391         1,205           Rural         3,196         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Rural         2,19         1,415         1,934 <t< td=""><td>though out</td><td>Total</td><td>256</td><td></td><td></td><td>11.937</td><td>19.074</td><td>1.281</td><td></td><td></td><td>15,819</td><td></td><td></td><td>675</td><td>1.721</td></t<>	though out	Total	256			11.937	19.074	1.281			15,819			675	1.721
Rural         5,737         5,737         8,632         647         5,503         324         6,474         647           Total         8,181         5,737         11,799         1,483         7,150         375         9,008         1,483         2           Urban         25         26         12         63         131         35         68         2         105         10         42           Rural         13         4,014         34         4,061         8,703         653         5,548         326         6,527         640         1,534           Total         38         4,040         46         4,061         8,834         688         5,616         328         6,622         650         1,576           Inda         2,102         1         2,123         5,218         391         3,327         196         3,914         391         1,205           Rural         3,196         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Rural         219         1,415         1,934         2,739         7,23         1,424         44         2,191         204 <td></td> <td>- Irhan</td> <td></td> <td>1 :</td> <td></td> <td>2,444</td> <td>3,167</td> <td>836</td> <td></td> <td></td> <td>2,534</td> <td></td> <td></td> <td>51</td> <td>887</td>		- Irhan		1 :		2,444	3,167	836			2,534			51	887
Total         \$.181         \$.737         11,799         1,483         7.150         375         9,008         1,483         2           Urban         25         26         12         63         131         35         68         2         105         10         42           Rural         13         4,014         34         4,061         8,703         653         5,548         326         6,527         640         1,534           Total         38         4,040         46         4,061         8,834         688         5,616         328         6,622         650         1,576           Crban         1,074         1,074         1,238         1,053         21         1,074         391         1,205           Rural         2,122         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Total         3,196         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Rural         219         1,415         1,934         2,739         7,23         1,424         4,424         2,191         2	Remailer			5.737		5.737	8,632	647			6,474			324	971
Urban         25         26         12         63         151         35         68         2         105         10         42           Rural         13         4,014         34         4,061         8,703         653         5,548         326         6,527         640         1,534           Total         38         4,040         46         4,061         8,834         688         5,616         328         6,632         650         1,576           Urban         1,074         1,074         1,238         1,053         21         1,074         391         1,205           Rural         2,122         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Total         3,196         1,415         1,934         2,73         7,23         4,380         2,191         2,04         9           Rural         2,4         3,37         4,380         2,19         4,988         391         1,205           Rural         5,18         1,245         2,73         4,380         2,19         2,04         9           Rural         2,4         3,24         2,39		12 E		8.181		5.737	11,799	1 483			9.008	4.			1.858
Rural         13         4,014         34         4,061         5,703         653         5,548         326         6,527         640         1,534           Total         38         4,040         46         4,061         5,834         688         5,616         328         6,632         650         1,576           Urban         1,074         1,074         1,278         1,053         21         1,074         391         1,205           Rural         2,122         1         2,123         5,218         391         4,380         217         4,988         391         1,205           Total         519         1,415         1,934         2,739         7,23         4,380         217         4,988         391         1,205           Rural         24         3,375         3,261         2,739         7,23         1,424         44         2,191         204         9           Rural         24         3,375         3,261         9,919         1,262         6,001         313         7,576         719         1,349		I Jrhan	25			63	131	35		1 144	105				52
Total         38         4,040         46         4,061         \$,834         6.88         5,616         328         6,632         650         1,576           Urban         1,074         1,074         1,238         1,053         2,1         1,074         1,205           Rural         2,122         1         2,123         5,218         391         3,327         196         3,914         391         1,205           Total         3,196         1         2,123         6,456         391         4,380         2,17         4,988         391         1,205           Urban         519         1,415         1,934         2,739         7,23         4,324         44         2,191         204         9           Rural         24         3,377         3,261         9,919         1,262         6,001         313         7,576         719         1,349	Calabana	8	13			4.061	\$,703	653			6.527	-			2,466
Urban         1,074         1,074         1,238         1,053         21         1,074         391         1,205           Rural         2,122         1         2,123         5,218         391         3,327         196         3,914         391         1,205           Total         3,196         1         2,123         6,456         391         4,380         217         4,988         391         1,205           Urban         519         1,415         1,934         2,739         7,23         1,424         44         2,191         204         9           Rural         24         3,237         3,261         9,919         1,262         6,001         313         7,576         719         1,349		Total	38			4,061	\$,834	688		:	6,632				2.518
Rural         2.122         1         2.123         5.218         391         3.327         196         3.914         391         1.205           Total         3.196         1         2.123         6.456         391         4,380         217         4,988         391         1.205           Urban         519         1.415         1,934         2.739         723         1,424         44         2.191         204         9           Rural         24         3.237         3.261         7.180         539         4.577         269         5.385         515         1.340           Then         44         3.277         3.261         9.919         1.262         6.001         313         7.576         719         1.349		T. Johan				1.074			1,053	٠,	1,074			Ì	17
Total         3.196         1         2.123         6,456         391         4,380         217         4,988         391         1,205           Urban         519         1,415         1,934         2,739         723         1,424         44         2,191         204         9           Rural         24         3,237         3,261         7,180         539         4,577         269         5,385         515         1,340           Total         4,43         4,677         2,69         5,385         515         1,340	in and one Oil	2		2.122	-	2,123				961	3.914		,		
Urban         519         1,415         1,934         2,739         723         1,424         44         2,191         204         9           Rural         24         3,237         3,261         7,180         539         4,577         269         5,385         515         1,340           Total         543         4,576         7,919         1,262         6,001         313         7,576         719         1,349		Total		3,196	-	2,123					4.988			2	
Rural 24 3,237 3,261 7,180 539 4,577 269 5,385 515 1,340 Trans 543 4,652 3,261 9,919 1,262 6,001 313 7,576 719 1,349		Urban				1.934					2.191				257
Tran 543 4 657 3.261 9.919 1.262 6.001 313 7.576 719 1.3491	Carigara	8				3.261	1	539			5,385				2.124
		Total	543			3.261	9:6:6	1,262		313	7.576				2.581

Table 8.5.4 Additional Number of Households to be Served in Phase I (Household Toilets) (Cont'd.)

		5	of House	No. of Household Served	<del></del>		:		Phase I	Phase I Coverage (2004)	2004)			
	Area					- N I was E		Household	Household Coverage		Additic	onal No. of	Additional No. of HHs to be Served	Served
Municipality/City	Flush		Pour Flush	VIP/Dry	Total	of HHs	Flush	Pour Flush	VIP/Dry	Total	Flush	Pour Flush	VIP/Dry	Total
10	Urban	219	418		637	888	126	570	14	710		152	:	166
Dagami			2.530		2,530	5,170	388	3,296	194	3.878	388	766		1,348
	-	219	2.948		2,530	6.058	514	3.866	208	4.588	388	918	71	1514
5	-	_	4,655		4.655	4,949	-	4,562	93	4.655			93	93
S. S	Rural	-	2,164		2,164	2,720		2,056	108	2,164			108	108
	Total	-	6.819		2,164	7,669		6,618	2	6.819			201	201
בו	  -	1.010	642		1.652	1,768	1,010	609		1,652	,		33	53
Hilongos	_	1,312	4.300	1,136	6.748	9.074	(83)	5,785		6.806		1,485		1.485
		2,322	4,942	1,136	6.748	10,842	1,691	6,394	373	8,458		1,485	£	1518
j		247	329		576	738	195	383	12	280		54	12	8
Hindang		1,123	1,240		2,363	2,876	1,123	1,122	118	2,363			118	118
		1 370	1.569		2,363	3,614	1.318	1,505	130	2,953		54	130	184
'n	Ļ		360		360	499	132	259	8	399	132			140
โทงกลุงสา	Rumi		2.416		2,416	4,061		2,894	152	3,046		478	152	630
-	Total		2.776		2,416	4.560	132	3,153	160	3,445	132	478	_	770
10	-	1.359	912		2,271	3,101	819	1.612	20	2,481		700	50	750
Sahel		3 389	410		3,799	5,757	432	3.670	216	4.318		3,260	216	3.476
	_	4 748	1.322		3,799	8,858	1,251	5.282	266	6.799		3,960		4.226
n		-	197		794	1.478	38	768	24	1,182	390		24	414
laro	rai		2,933		2.933	5.534		3,943	208	4,151		1.010		1.218
	Total	-	3,727		2,933	7,012	390	4.711	232	5,333	390	1,010		1,632
5	Urban		442		442	618	163	321	10	494	163		2	173
Javier (Bugho) Ru	Rural	-	327	321	848	4.825	362	3.076	181	3,619	362	2,749		3.111
	Total		692	321	648	5.443	\$25	3.397	191	4,113	525	2.749		3.284
5	_	120	742		362	1,113	294	578	. 18	890	174			192
Julita		_	1,216		1,216	2.126		1.515	80	1.595		82		572
	Total	120	1,958		1,216	3,239	294	2,093	86	2,485	174	82	36	571
'n		214	867	06	1,171	1.539	406	800	25	1.231	192			192
Kananga		234	4,103	01	4,347	7.637	573	4,869	286	5.728	339			
		448	4.970	100	4,347	9,176	646	699'5	311	6,959	531	. 766		
		l	71.17		11.7	948	250	493	51	758	250		15	265
1 P.y	Rural		2.373		2.373	3,201		2,281	120	2,401			120	120
	Total	ŀ	3.0.5	† ·	2.373	4.149	250	2.774	135	3,159	250		135	385

Table 8.5.4 Additional Number of Households to be Served in Phase I (Household Toilets) (Cont'd)

VIPPOPP   Total   Total No.   Fluich   Pour   Pour   Pour   Pour   Pour   VIPPOPP   Total   VIPPOPP   VIPPOP			7	No. of House	usehold Served	7				Phase I	Phase I Coverage (2004)	2004)			
Pour	Name of			in the Da	sed rear								ì		]
Hughan   Contact   Hugh   Contact   Contact	Manufacturality (City)	Area			•		Total No.		Household	Coverage		Addition	nal No. of	HHS to De	erved
Urban         72         54         755         72         407         50         407         204         407         407         204         407         407         407         407         407         407         407         407         407         407         407         407         407         407         407         407         407         407         407	Manachanic		Flush		VIP/Dry	Total	of HHs	Flush	Pour Flush	VIP/Dry	Total	Flush	Pour Flush	VIP/Dry	Total
Rural         415         318         4,571         6,229         21         4,417         234         4,672         2,811         1,81         2,662         2,81         4,672         2,811         1,81         2,662         2,81         1,81         2,662         2,81         1,81         2,662         2,81         1,81         2,662         2,81         1,81         2,662         2,81         1,81         1,82         2,881         9,82         1,82		Urban	72	42		3	735	72	\$59	. 13	440		505		808
Total         \$677         \$778         \$438         \$457         \$684         \$61         \$476         \$24         \$684           Rurid         9         2.213         \$3         \$424         \$825         \$28         \$28         \$28         \$88         \$288         \$88         \$288         \$88         \$88         \$288         \$88         \$88         \$288         \$88         \$88         \$288         \$88	l revie	Rura	435	318		4,571	6.229	21	4417	234	4,672		4,099		4.099
Urban         8         458         33         494         825         218         420         18         450         200		Total	507	372		4.571	6.964	93	4,976	247	5,316		+,604		4,604
Rural         9         2,213         50         2,222         3,997         9         2,811         148         2,068         98         98           Foat         17         2,666         83         2,222         1,224         1,61         3,628         1,68         98           Urban         113         2,27         113         4,522         1,52         1,57         1,68         3,58         1,68         3,58         1,68         3,88         3,88         3,88         3,88         3,88         3,88         3,88         3,88         3,88         3,88         3,89		Urban	8	453		494	825	218	429	13	099	210			210
Total         17         2.666         83         2.272         4.752         2.240         161         3.628         2.0         58         98           Urban         31         2.27         4.43         32         1.2         3.24         1.6         3.257         7.2         1.48         3.259         7.8         2.591         7.2         1.2         1.0         4.33         1.0         4.35         1.0         3.2         1.2         2.591         7.2         2.591         7.2         2.591         7.2         2.591         7.2         2.591         7.2         2.591         7.2         2.591         7.2         2.592         7.2         3.67         1.6         3.257         7.2         2.591         7.2         3.592         4.0         7.2         3.20         4.0         7.2         3.50         4.0         7.2         3.2         4.0         1.0         3.3         9.0         2.4         3.6         3.5         3.6         3.5         3.6         3.6         3.2         3.2         3.2         4.0         1.0         3.3         9.0         4.0         3.6         3.0         9.0         9.0         9.0         9.0         9.0         9.0 <td>MacArthur</td> <td>Rura</td> <td>6</td> <td>2,213</td> <td></td> <td>2.272</td> <td>3,957</td> <td>6</td> <td>2,811</td> <td>148</td> <td>2,968</td> <td></td> <td>598</td> <td>86</td> <td>969</td>	MacArthur	Rura	6	2,213		2.272	3,957	6	2,811	148	2,968		598	86	969
Urban         113         227         113         443         772         191         375         12         778         148           Rumt         131         227         1145         433         231         3622         164         3287         78         25391           Topan         1441         928         1045         436         310         240         473         176         3860         78         25391           Urban         877         351         71         509         910         240         473         175         2542         2570         175 <t< td=""><td></td><td>To:E</td><td>17</td><td>2,666</td><td></td><td>2,272</td><td>4.782</td><td>227</td><td>3.240</td><td>191</td><td>3.628</td><td>210</td><td>865</td><td>36</td><td>906</td></t<>		To:E	17	2,666		2,272	4.782	227	3.240	191	3.628	210	865	36	906
Rundl         31         1,045         4,385         31         3,092         164         3,259         2,5391           Total         134         928         426         1,045         5,105         224         176         36.5         78         2,5391           Rundl         83         21,20         236         5,105         236         426         427         18         253         2,539         247         18         253         2,161         127         2,542         249         41         18         2,539         19         41         18         2,539         19         41         18         2,539         41         18         3,530         24         1,10         41         18         3,530         3,54         2,64         1,29         40         41         1,27         40         1,13         1,13         1,14         1,14         4,14         <		Urban	113	227	<u> </u>	453	722	161	375	12	578	2/2	148		226
Total         144         928         426         1,045         \$105         223         3467         176         3865         78         2.539           Urban         87         2,120         234         1,04         240         473         15         122         249         112         249         141         127         249         141         127         249         141         127         2542         249         141         2542         249         141         127         2542         249         141         127         2542         249         141         2542         249         141         2542         249         141         2542         249         141         2542         249         141         2540         349         2543         349         357         357         357         357         357         358         350         358	Mahaplag	Rura	31	701		1,045	4.383	31	3,092	162	3.287		2,391		2,391
Urban         871         351         71         500         910         240         473         15         725         153         122           Rural         5         2,120         2.364         3.389         2.54         2,161         127         2.542         240         41           Rural         64         3,471         3.10         2.364         4.86         3.65         3.10         183         3.650         30         183           Rural         64         3,472         3.54         4.86         3.65         3.10         183         3.650         30         183         183         183         183         183         183         183         183         180         180         183         183         3.650         30         183 </td <td><b>D</b></td> <td>Total</td> <td>144</td> <td>928</td> <td></td> <td>1,045</td> <td>5,105</td> <td>222</td> <td>3.467</td> <td>176</td> <td>3,865</td> <td>78</td> <td>2.539</td> <td></td> <td>2,617</td>	<b>D</b>	Total	144	928		1,045	5,105	222	3.467	176	3,865	78	2.539		2,617
Rural         5         2,120         2,364         3,389         2,24         2,161         127         2,642         2,642         163         240         402         163         402         163         402         163         402         163         402         163         402         163         402         163         402         163         402         163         163         402         163		Urban	87	351		808	910	240	473	15	728	153	122		275
Toral         92         2471         310         2.364         4.289         4.96         2.634         142         3.270         402         163         183           Urban         120         475         3.564         3.68         3.63         381         88         183           Rural         64         4.78         3.64         3.65         3.62         3.62         3.65         3.62         3.62         3.65         3.65         3.68         3.19         3.69         3.19         3.69         3.16         3.68         3.68         3.68         3.68         3.68         3.68         3.68         3.18         3.68         3.18         3.68         3.68         3.18         3.68         3.68         3.68         3.68         3.68	Matag-ob	Rura	5	2,120		2.364	3.389		2,161	127	2,542	249	14	-	290
Urban         120         475         595         789         208         410         13         631         88         13           Rural         64         3.477         3.541         4.866         365         3.102         183         3.60         391         183           Ioral         168         1.57         3.541         4.866         365         3.102         183         3.60         391         196           Urban         1.629         157         1.456         2.502         136         168         3.62         168         168         116         196           Pural         1.427         3.14         1.456         2.502         136         168         3.62         168         168         3.62         168         168         3.62         168         168         168         116         168         168         168         116         168	•	Total	92	2.471		2.364	4,299		2.634	142	3,270	402	163		565
Rural         64         3.477         3.541         4.866         365         3.102         183         3.650         301         183           Toral         1.84         3.952         3.541         5.655         573         3.512         196         4.281         3.89         196           Urban         1.587         1.451         1.56         1.987         1.36         1.683         8.3         1.902         136         1.16           Urban         465         2.502         1.36         1.683         8.3         1.902         136         2.26         1.5           Rural         1.657         3.445         2.402         1.63         8.3         1.902         136         2.26         1.5           Rural         3.624         6.002         1.36         1.683         8.3         1.902         136         2.26         1.5           Rural         3.624         6.002         2.301         2.44         4.75         1.2         1.2         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5 <t< td=""><td></td><td>Crban</td><td>120</td><td>475</td><td></td><td>595</td><td>789</td><td></td><td>410</td><td>13</td><td>631</td><td>88</td><td></td><td>13</td><td>101</td></t<>		Crban	120	475		595	789		410	13	631	88		13	101
Toral         184         3,952         3,541         5,655         573         3,512         196         4,281         389         196           Urban         158         157         315         515         136         268         8         412         136         116         116           Rural         1,299         157         1,456         2,502         136         1,415         731         241         12         15           Urban         3,624         3,624         5,088         181         3,444         191         3,816         181         241         15         191           Urban         3,664         4,087         3,624         5,082         4,27         4,27         247         267         257         247         247         267         257         247         247         267	Matalom	Rura	8	3,477		3.541	4,866		3,102	183	3.650	301		183	484
Urban         158         157         315         136         268         8         412         136         110           Rural         1,299         157         1,456         2,502         136         260         116         10           Total         1,629         157         1,456         2,502         136         126         250           Rural         3,624         1,456         2,502         421         3,116         3,11         124         125           Rural         3,624         3,624         5,085         422         3,444         191         3,816         181         191         2,816         181         191         2,816         181         191         2,816         181         191         3,816         181         191         2,816         181         191         181         2,816         181         191         2,816         181         191         181         2,816         181         181         2,816         181         2,816         181         2,816         181         2,816         181         2,816         181         2,816         181         2,816         181         2,816         181         2,816         181 <td></td> <td>Total</td> <td>184</td> <td>3,952</td> <td></td> <td>3,54]</td> <td>5,655</td> <td></td> <td>3.512</td> <td>961</td> <td>4.281</td> <td>389</td> <td></td> <td>1961</td> <td>585</td>		Total	184	3,952		3,54]	5,655		3.512	961	4.281	389		1961	585
Rural         1,299         157         1,486         1,987         1,415         75         1,490         116           Toral         1,427         314         1,456         2,502         136         1,633         83         1,902         136         226         15           Urban         465         3,624         5,088         181         3,444         191         3,816         181         12         206           Toral         4,087         3,624         5,088         181         3,444         191         3,816         181         201         181         206         2,816         181         206         4,547         422         201         3,816         182         4,116         82         4,116         82         4,116         82         4,116         82         4,116         82         206         2,576         82         206         2,576         82         206         2,576         82         206         2,576         82         206         2,576         82         206         2,576         82         206         2,576         82         207         207         207         206         2,576         82         207         2,576		Urban		158		315	515		268	8	412	136	110		246
Total         1 457         314         1,456         2.502         136         1.683         83         1.902         136         226         15           Urban         463         463         914         241         475         15         241         15	Mayorga	Rura .		1,299		1,456	1.987		1,415	75	1.490		116		116
Urban         465         463         914         241         475         15         731         241         15         15           Rural         3,624         5,088         181         3,444         191         3,816         181         191         191           Total         3,624         5,087         422         3,519         206         4,547         422         191           Total         3,064         3,624         5,145         1,358         2,676         82         4,116         2,676         82           Urban         2,621         2,275		Total	,	1,457		1,456	2.502	136	1.683	83	1.902	136	226		362
Rural         3.624         5.088         181         3.444         191         3.816         181         191           Total         4.087         3.624         5.082         4.22         3.919         2.06         4.547         4.22         1.2         2.06           Urban         3.064         3.624         6.002         4.22         3.919         2.06         4.547         4.22         1.2         2.06           Rural         4.337         4.337         5.263         4.337         -2.17         2.17         4.337         2.076         2.07           Total         7.401         4.337         0.408         5.052         2.459         2.453         2.676         2.07           Rural         1.628         4.337         2.755         2.62         2.034         4.7         2.343         2.676         2.07         4.7         2.343         2.676         2.07         4.7         2.343         2.676         2.034         4.7         2.343         2.676         2.034         4.7         2.343         2.676         2.034         4.7         2.343         1.740         2.3         4.23         2.676         2.046         2.043         2.046         2.046		Urban		463		463	914	241	475	15	731	241	<u></u>	15	268
Total         4,064         6,002         422         3,919         206         4,547         422         12         206           Urban         3,064         5,145         1,358         2,676         82         4,116         2,676         82           Rural         4,337         4,337         10,408         5,695         2,459         2,99         8,453         2,676         299           Cuban         262         2,081         2,755         2,655         4,337         10,408         5,695         2,459         2,99         8,453         2,676         299           Rural         1,628         4,659         6,287         10,037         755         6,399         3,76         7,528         1,740         4,23           Fural         1,890         6,740         6,287         10,037         755         6,399         3,75         3,73         1,740         4,23           Rural         1,890         6,740         6,287         12,792         1,015         8,433         4,25         1,240         2,39           Rural         3,7         2,570         2,105         2,455         1,06         2,455         1,15         2,607         1,15 </td <td>Merida</td> <td>Rural</td> <td></td> <td>3.624</td> <td></td> <td>3.624</td> <td>5.088</td> <td>181</td> <td>3.444</td> <td>191</td> <td>3,816</td> <td>181</td> <td></td> <td>161</td> <td>372</td>	Merida	Rural		3.624		3.624	5.088	181	3.444	191	3,816	181		161	372
Urban         3.064         5.145         1.358         2.676         82         4,116         2.676         82.           Rural         4,337         4,337         2,063         4,337         2,17         2,17         4,337         2,676         32.           Crban         2,62         2,081         2,343         2,755         2,629         2,645         2,645         2,676         2,99           Rural         1,628         4,659         6,287         10,037         753         6,399         376         2,243         2,676         299           Rural         1,628         4,659         6,287         10,037         753         6,399         376         7,28         1,740         423           Urban         37         4,659         2,02         1,015         8,433         4,28         8,871         1,740         423           Rural         37         2,105         2,105         2,105         2,105         2,105         3,300         37         2,455         1,15         2,607         1,5           Rural         4,185         4,185         7,630         3,62         6,151         3,08         6,821         3,05         3,03		Total		4,087		3,624	6.002	422	3,919	206	4,547	422	12	506	040
Rural         4,337         4,337         5,263         4,337         -2.17         2.17         4,337         2.17           Total         7,401         4,337         10,408         5,695         2,459         2,945         2,076         2,99           Urban         262         2,034         47         2,343         2,343         2,755         262         2,034         47         2,343         47           Rural         1,628         4,659         6,287         10,037         753         6,399         376         7,528         1,740         421           Urban         37         465         6,287         10,037         7,63         10         502         1,740         423           Rural         1,890         6,740         6,287         12,792         1,015         8,433         423         9,871         1,740         423           Rural         37         2,105         2,105         2,105         2,105         2,105         1,749         1,53           Urban         706         706         1,373         3,62         1,15         2,05         8,23         1,09         3,62         8,723         1,250         1,56         1,56 <td></td> <td>Urban</td> <td>3,064</td> <td></td> <td>-</td> <td>3,064</td> <td>5,145</td> <td>1,358</td> <td>2.676</td> <td>82</td> <td>4,116</td> <td></td> <td>2.676</td> <td>82</td> <td>2.758</td>		Urban	3,064		-	3,064	5,145	1,358	2.676	82	4,116		2.676	82	2.758
Total         7401         4,337         10,408         5,695         2,459         8,453         2,676         299           Urban         262         2,034         47         2,343         2,755         262         2,034         47         2,343         47           Rural         1,628         4,659         6,287         10,037         753         6,399         376         7,528         1,740         376           Urban         37         465         6,287         10,037         7,53         6,399         376         7,528         1,740         376           Urban         37         465         6,287         10,037         3,769         1,015         8,433         423         9,871         1,740         376           Rural         3,705         2,105         2,105         2,105         2,105         1,769         1,57           Urban         706         706         1,373         362         115         2,455         1,09         3,62         8         22           Rural         4,185         7,630         3,62         6,151         3,08         6,821         3,60         1,260         3,08           Total <t< td=""><td>Palo</td><td>Rural</td><td>4,337</td><td></td><td></td><td>4,337</td><td>5,263</td><td>4,337</td><td>-217</td><td>217</td><td>4,337</td><td></td><td></td><td>217;</td><td>217</td></t<>	Palo	Rural	4,337			4,337	5,263	4,337	-217	217	4,337			217;	217
Urban         262         2,081         2,343         2,755         262         2,034         47         2,343         47         2,343         47           Rural         1,628         4,659         6,287         10,037         755         6,399         376         7,528         1,740         376           Urban         37         465         502         621         37         455         10         502         10           Rural         2,105         2,105         2,769         37         2,455         105         2,105         15           Urban         706         706         1,373         362         714         22         1,095         362         8           Rural         4,185         7,630         37         2,455         115         2,007         115         2,007         115           Rural         4,185         7,630         37         2,455         12         1,098         362         8         22           Total         4,185         7,630         3,62         6,151         308         6,821         3,60         3,08		Total	7.401			4,337	10,408	5.695	2,459	299	8,453		2,676	299	2.975
Rural         1,628         4,659         6,287         10,037         755         6,399         376         7,528         1,740         376           Total         1,890         6,740         6,287         12,792         1,015         8,433         423         9,871         1,740         423           Urban         37         465         502         621         37         4,455         10         502         10         1740         423           Total         37         2,105         2,105         2,105         3,709         37         2,455         115         2,007         105         115           Urban         706         706         1,373         362         714         22         1,098         362         8         23           Rural         4,185         7,630         3,62         6,151         308         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308		Urban	262	2,081		2,343	2,755	262	2,034	47	2,343			47	7.7
Total         1,890         6,740         6,287         12,792         1,015         8,433         423         9,871         1,740         423           Urban         37         465         502         621         37         455         10         502         10         10           Rural         37         2,105         2,769         37         2,455         115         2,007         105         115           Urban         706         706         1,373         362         714         22         1,098         362         8         22           Rural         4,185         4,185         7,630         362         6,151         308         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308	Palempon	Rural	1,628	4,659		6.287	10,037	753	6,399	376	7,528		1.740	376	2,116
Urban         37         465         502         621         37         455         10         502         10           Rural         2,105         2,105         2,709         105         2,000         105         2,105         105           Total         37         2,455         115         2,607         8         22           Urban         706         706         1,373         362         714         22         1,098         362         8         22           Rural         4,185         4,185         7,630         3,62         5,437         286         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308	:	Total	1.890	6.740		6.287	12.792	1,015	8,433	423	9.871		1,740	423	2,163
Rural         2,105         2,105         2,105         2,105         2,105         105         115         2,607         105         115           Total         37         2,105         3,73         3,62         714         22         1,098         3,62         3,72         1,15           Rural         4,185         4,185         7,630         3,62         5,437         2,86         5,723         1,252         2,86           Total         4,891         4,185         9,003         3,62         6,151         3,08         6,821         3,62         1,260         3,98		Crban	37	465		505	621	37	455	10	205			0:	10
Total         37         2,570         2,105         3,390         37         2,455         115         2,607         115           Urban         706         706         1,373         362         714         22         1,098         362         8         221           Rural         4,185         4,185         7,630         5,437         286         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308	Pastrana	Rura		2,105		2,105	2,769		2.000	105	2,105			105	105
Urban         706         706         1,373         362         714         22         1,098         362         8         22           Rural         4,185         4,185         7,630         5,437         286         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308		Total		2,570		2,105	3.390	37	2.455	115	2.607			115	115
Rural         4,185         4,185         7,630         5,437         286         5,723         1,252         286           Total         4,891         4,185         9,003         362         6,151         308         6,821         362         1,260         308		Urban		202		202	1,373	362	714	22	1,098	362	S	22	392
4,891 4,891 562 6.151 308 6.821 362 1.269 308	San Isidro	Rural		4,185		4,185	7,630		5.437	286	5.723		1,252	286	1.538
		Total		4,891		4,185	9,003	362	6,151	308	6.821	362	.260	80€	1.930

Table 8.5.4 Additional Number of Households to be Served in Phase I (Household Toilets) (Cont'd.)

		Z	No. of Household Served in the Based Year	hold Serve	p	• ;	:		Phase I	Phase I Coverage (2004)	2004)			
Name of	Area					Total N.		Household	Coverage	7.7	Additio	nal No. of	Additional No. of HHs to be Served	porroc
Municipality/City		Flush	Flush	V1P/Dry	Total	of HHs	Flush	Pour Flush	VIP/Dry	Total	Flush	Pour Flush	VIP/Dry	Total
	i chan		\$58		558	697		547	11	558			11	
Can Mionel	Rural		1,419		1,419	2,488		1.773	93	1,366		354	93	1,7
	Total		1,977		1,419	3,185		2,320	104	2,424		354	इ	458
	Urban		139		139	481	127	250	<b>%</b>	385	127	111	90	246
Conto He	Rural		1.980		1,980	2,833		2.019	106	2,125		39	106	145
	Total		2,119		1,980	3.314	127	2.269	114	2,510	127	150	114	391
	Urban		652		652	1,083	987	563	17	998	286			303
Tahango	. S		2.669		2,669	6,126		4,365	230	4,595		1.696	230	1.926
	Total		3.321		2,669	7,209	286	4,928	247	5,461	286	1.696		2,229
	Urban	2	391		393	524	138	273	8	419	136			4
Tokontahon	(C)		739		739	1,163		828	4	872		88		133
	Total	2	1.130		739	1,687	138	1,101	25	1,291	136	89		277
	l rhan	14.397			22,149	39,474	10,421	20.526	632	31.579		12.774		13,406
Š	2112		İ		273	4.758		3,391	178	3,569		3,118	178	3296
(Capital)	Total	14.397			273	44,232	10,421	23.917	810	35,148		15.892	**	16,702
	Urban	63	L		2,513	3,097	63	2,400	20	2,513			90	50
Topologo	Sura Sura		3.878		3,889	6,291	472	4,010	236	4,718	461	132		829
	Total	74			3.889	9,388	535	6.410	286	7,231		132	286	879
	Irhan	=		\$	266	353	93	183	9	282				S
Tologa	Rura	2	1,489	292	1,783	2,727	205	1.738	102	2,045	203	249		452
	Total	13	1.698	338	1,783	3.080	298	1,921	108	2,327	285	249		534
	Urban	294	287		581	830	219	432	13	664		145		158
Times	Rura	93	357		450	949	49	412	24	485	:	55		79
	Total	387	644		450	1.476	268	844	37	1,149		200	37	237
	Irhan		187	165	352	692	183	360	11	554	183	173		356
Villaha	Rura		4.630	21	4,651	7,380	554	4,704	277	5.535	554	74		884
	Total		4.817		4,651	\$.072	737	5,064	288	6.089	137	247	256	1.240
	1 rban	22.855		1.210		103,421	23.414	59:101	1,686	\$4,201	7.001			26.318
Provincial Total	Z	12.923		6.436	_	220.548	13,398	145,668	8.371	167,437	5,396			48.967
	[2]	35.778		7.646		323,969	36,812	1	10.057	251,638	12,397	54.324	\$.564	75.2%5

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Table 8.5.5 Additional Number of Households to be Served in Phase II (Household Toilets)

Name of			households	No. households Served in 2004	2007				Phase II	Phase II Coverage (2010)	(2010)	:		
A ( ( ( )	Area		100		:	Total No		Household Coverage	Coverage		Additio	nal No. of	Additional No. of HHs to be Served	Served
Vitamicipality City		Flush	Flush	VIP/Dry	Total	of HHs	Flush	Pour Flush	VIP/Dry	Total	Flush	Pour Flush	VIP/Dry	Totai
	Urban		2,219	45	2,264	3,605	1.677	1.631	45	3,353	1,677			1.677
Abuvos	Rura		5,423	2	5,708	9,675		8,273	435	8,708		2,850		3.000
	Total		7,642	330	7,972	13,280	1.677	9,904	180	12,061	1.677	2,850	150	4,677
	Urban	83X	1,257		1,934	3,726	1,733	1.693	36	3,465	1,095	436	. :	1.531
Alangalang	Rura	33	5,283		5,596		33	879'6	500	-10,170		4.345	57.0	4.574
	Total	671	6,540		7,530	ľ	1,766	11,321	548	13,635	1.095	· 4,781		6,105
	Urban	8	787		1,210	1,939	802	877	24	1,303	503	06		593
Albuera	Rura		4.289		4,515	7,628		6,522	,	598'9		2.233	211	2,350
	Total	399	5.076	-	5,725	9.567	305	7,399		899'8	503	2,323	117	2,943
	Urban	411	809		1,245	2,339	1,088	1,062	25	2.175	677	253		930
Babathgon	Kura		2,246	118	2,364	4,603		3,936	207	4,143		069'	68	1,779
<b>.</b>	Total	411	3.055		3,639	6,942	1,088	4,998	232	6,318	677	1,943		2.709
	∪rban	346	189	21	1,048	1,935	906	879	21	1,800	554	198		752
Barugo	Kura	330	2,804		3,299	6,577	265	5,031	296	5,919	262	2,227	-	2,620
}	Total	929	3,485		4,347	8,512	1,492	5,910	317	612.7	816	2,425	131	3,372
	Urban	105	1.276		1,409	086'1	92.1	268 .	28	1,841	816			816
Bato	Rurai	15	3.520		3,721	6,655	51	5,675	300	2,990		2,155	114	2,269
	Tota	120	4.796	214	5,130	8,635	936	6,567	328	7.831	\$16	2,155	1.14	3,085
	Urban	1,281	2,523	8.4	3,882		2,911	2.832		5,821	630	309		1,939
Baybay	Rural		11,340	265	11,937	18,012	1,621	13,779		16.211	1.621	2.439	: 25	4.274
•	Total	1,281		675	15,819	24.271	4.532	16,611	20	22,032	3,251	2,748	214	6.21.
	Urban	836		·	2,534	4,642	2,159	2,107		4,317	1,323	460	1	1,783
Burauen	Rura	740		324	6,474	12,033	1,083		. 542	10.830	436	3,702		4,356
	Total	1,483	7,150	375	9,008	16,675	3,242	11,312	593	15.147	1,759	4.162	218	6.139
	Urban	35	89	2	105	861	. 92	90	. 144	184	23	22	:	25
Calubian	Rural	653	5,548	326	6,527	12,854	1.157	9,834	:	11.569	504	4,286	252	5.042
	Potal	889	\$19.5	- 73	6.632	13,052	1,249	0.924	580	11,753	561	4,308	252	5.121
	Urban		1.053	* * * * * * * * * * * * * * * * * * * *	1.074	1,646	106	744	21	1.531	766		-	99/
Capoccan	Rural	391	3.327	196	3,914	167.4	959	5.578	328	6,562	265	2,251	132	2.648
	Total	165	4,380	217	4,988	8.937	1,422	6,322	349	8.093	1,031	2,251	132)	3,414
	Urban	723	1,424	44	2,191	3,634	069'	1.646	44	3,380	296	222		1.189
Carigara	Rural	623	4,577	569	5,385	9,739	877	7.450	4381	8.765	338	2,873		3.380
	Total	1.262	100'9	313	7,576	13,373	2.567	9.006	785	12.145	1.305	3.095	169	4.569
	Urban	126	570	7	710	1,192	\$55	540	14	8	429			479
Dagami	Rural	388	3,296	1	1.878	6.612	595	. 5.058	298	5.951	207	1,762	ટું	2.073
:	Total	514	3,866	208	4.588	7,804	1.150	5.508	312	7,060	636	1.762	100	2.502

Table 8.5.5 Additional Number of Households to be Served in Phase II (Household Toilets) (Cont'd.)

Total No.         Household Coverage           of HHs.         Flush         Pour Pour Pour Prosp.           6,406         2,979         2,886         93           9,919         2,979         2,880         251           11,750         1,038         3,904         158           11,750         1,038         3,93         1,1           11,750         1,058         8,988         529         1           11,750         1,058         8,988         529         1           11,750         1,113         1,006         562         1           11,750         1,113         4,21         12         1           11,750         1,113         4,21         12         1           4,286         2,167         163         3         4,385         25/7           6,437         3,37         3,21         26/5         2,167         3           6,437         3,37         3,21         3,24         3         2           1,129         3,55         2,167         3,36         3,42         3         4           1,129         3,569         7,24         5,72         3,34         3         3			No.	households	No. households Served in 2004	2004				Phase II	Phase II Coverage (2010)	(2010)	•		<del></del>
Flush	Name of	Area					- N. 1. 4. 5.		Household	Coverage		Additio	Additional No. of HHs to be Served	HHs to be	Served
Ruman         4,562         93         4,653         6,406         2,197         2,886         93           Ruman         2,056         108         2,164         3,513         3,004         158           Total         6,618         3,01         6,819         2,164         3,13         5,004         158           Ruman         1,010         6,018         3,01         6,819         2,974         1,13         1,006         3,31           Ruman         1,010         6,018         3,10         3,20         1,135         1,131         1,006         3,20           Ruman         1,021         1,021         3,240         3,37         4,244         2,17         1,006         5,29           Ruman         1,123         1,122         1,13         1,250         1,13         1,12 <td>Municipality/City</td> <td>11</td> <td>Flush</td> <td>Flush</td> <td>VIP/Dry</td> <td>Totai</td> <td>of HHs.</td> <td>Flush</td> <td>Pour Fiush</td> <td></td> <td>Total</td> <td>Flush</td> <td>Pour Flush</td> <td>VIP/Dry</td> <td>Total</td>	Municipality/City	11	Flush	Flush	VIP/Dry	Totai	of HHs.	Flush	Pour Fiush		Total	Flush	Pour Flush	VIP/Dry	Total
Rural   2,056   108   2,164   3,513   2,979   3,004   158     Total   6,618   201   6,819   9,919   2,979   5,890   251     Total   1,010   6,608   3,31   1,652   1,131   1,0068   5,890   251     Urban   1,951   5,354   37,3   8,458   14,144   2,177   10,068   5,62     Urban   1,951   5,354   37,3   8,458   14,144   2,177   10,068   5,62     Urban   1,123   1,122   1,132   1,25   1,25   1,25   1,123   1,25     Urban   1,123   1,122   1,132   1,25   1,25   1,25   1,123   1,25     Urban   1,123   1,132   1,50   1,50   3,45   1,123   1,25   1,25     Urban   1,123   1,132   1,50   1,50   3,44   4,110   1,911   1,811   2,63     Urban   1,231   3,670   2,16   4,318   7,117   4,110   1,911   1,811   2,63     Urban   1,231   3,670   2,16   4,318   4,110   1,911   1,811   2,63     Urban   1,231   3,670   1,81   3,123   1,227   2,552   7,305   3,70     Urban   1,231   3,670   1,81   3,123   3,44   3,70   3,12     Urban   1,231   3,57   1,91   3,113   3,123   3,104   3,104   3,104   3,104   3,104   3,104   3,104     Urban   1,231   1,51   2,32   4,113   3,123   1,044   3,130   1,51     Urban   2,94   3,70   1,81   3,123   1,044   3,104   3,104   3,104     Urban   2,94   2,093   3,104   3,123   1,044   3,104   3,104     Urban   2,00   2,00   2,00   2,48   3,104   3,104   3,104   3,104     Urban   2,00   2,00   2,00   2,00   1,55   3,000   1,55   3,000     Urban   2,00   2,00   2,00   2,00   3,10   3,00   3,00     Urban   2,00   2,00   3,00   1,50   3,00   3,00   3,00     Urban   2,00   2,00   3,00   1,50   3,00   3,00     Urban   2,00   3,00   1,50   3,00   3,00   3,00     Urban   2,00   3,00   3,00   3,00   3,00		1,44,1		4 567		4.655	6.406	2.979	2,886	93	5,958	2,979			2.979
Total   Coli		1		2.056		2 164	3.513	-	3,004	158	3.162		848	50	866
gos         Foral         1,010         669         33         1,652         2,394         1,113         1,080         33           gos         Rural         e81         5,785         340         6,806         11,136         1,088         529           Total         1,691         6,334         373         8,438         1,414         2,171         10,088         529           Urban         1,318         1,505         130         2,933         4,286         1,546         151           Total         1,318         1,505         130         2,933         4,286         1,546         151           Chan         132         3,670         3,445         6,437         37         4,885         2,57           Urban         1,221         1,512         3,046         5,73         3,11         1,881         30           Urban         390         4,711         2,33         4,110         1,911         1,881         30           Rural         3,047         1,61         3,445         4,110         1,911         1,881         30           Rural         1,631         3,23         2,431         4,110         1,911         1,911		Total		6.618		6.819	616'6	2.979	5.890	251	9,120	2.979	846	50	3.977
gos         Rural         681         5.785         340         6.806         11,750         1,058         8.288         529           Total         1,691         6,394         373         8,458         14,144         2,171         10,068         562           Total         1,123         1,123         1,123         1,124         2,171         10,068         562           Total         1,123         1,123         1,124         2,171         10,068         562           Urban         1,218         1,505         130         2,953         4,286         1,124         1,174		Urban	010	609		1,652	2.394	1,113	1.080	33	2,226	103	:71		574
Total   1,691   6,394   373   8,458   14,144   2,171   10,068   562     Filt	Hilongos	Kura	180	5.785		908.9	11,750	1.058	8.988	529	10.575	377	3,203		3.769
ng         Urban         195         383         12         590         931         433         421         12           ng         Rural         1,123         1,122         118         2,353         3,355         1,123         1,746         151           Total         1,318         1,505         130         2,983         3,285         1,123         1,746         151           Urban         Rural         1,32         2,894         152         3,045         5,713         3,37         3,285           Rural         4,32         3,153         1,612         3,445         6,437         337         4,885         257           Urban         1,612         3,670         2,431         4,110         1,911         1,861         26           Rural         4,22         3,670         2,431         4,110         1,911         1,861         26           Rural         3,942         2,08         4,151         6,924         874         5,70         3,24           Urban         3,943         2,08         4,151         6,924         874         5,70         3,30           Urban         163         3,27         191         4,11 </td <td></td> <td>Tota</td> <td>1691</td> <td>6 394</td> <td></td> <td>8 458</td> <td>14,144</td> <td>2.171</td> <td>10.068</td> <td>562</td> <td>12.801</td> <td>084</td> <td>3,674</td> <td>189</td> <td>4,343</td>		Tota	1691	6 394		8 458	14,144	2.171	10.068	562	12.801	084	3,674	189	4,343
Rural   1,123   1,122   118   2,363   3,355   1,124   1,144   1,515   1,744   1,515   1,744   1,515   1,744   1,515   1,744   1,515   1,744   1,515   1,744   1,515   1,744   1,515   1,516   1,244   1,241		1,133	1951	383		990	166	433	421	12	998	238	38		276
can         Total         1,318         1,505         130         2,953         4,286         1,556         2,167         163           Curban         132         2,894         152         3,046         5,713         3,213         3,28         3           Curban         132         2,894         152         3,046         5,713         3,213         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,513         2,514         3,20         2,441         3,50	Hindane		1.123	1 122		2.363	3.355	1.123	1.746	181	3 020		624	33	657
can         Urban         132         259         8         399         724         337         328         8           can         Rural         132         2.894         152         3.046         5713         4.885         257           Total         132         3.153         160         3.445         6.437         337         5.213         263           Rural         432         3.670         2.16         4.318         4.110         1.911         1.861         263           Total         1.251         5.282         2.66         6.739         11.227         2.552         7.305         3.7           Urban         390         4,711         2.32         6,924         874         8.70         3.24           Total         394         4,711         2.32         5,333         8.804         874         6,770         3.36           Whan         163         321         1.182         1.182         1.180         3.30         4.22         3.30         3.24         3.30         3.24           Rural         362         3.076         1.81         4.113         8.123         8.804         8.72         3.30         1.56	AG INSTALLED	7013	318	505		2.953	4.286	1.556	2,167	163	988	238	095	33	933
Clark         Rural         2.894         152         3.046         5.713         3.75         2.57           Total         132         3.153         160         3.445         6,437         337         5.213         2.65           Urban         819         1,612         50         2.431         4,110         1.911         1.861         3.06           Rural         4.32         3,670         2.16         4,318         7,117         641         5,444         3.20           Rural         1.251         5,282         2.66         6,799         11,227         2,552         7,305         2.4           Rural         3.90         4,711         2.32         8,804         874         6,770         336           Urban         390         4,711         2.32         8,804         874         6,770         336           Urban         294         5,78         18         890         1,557         724         3,30         18           Rural         1,515         80         1,557         724         3,30         15           Total         272         4,809         2,885         4,626         724         1,81		1	112	250		399	724	337	328	×	673	205	69		274
Total         132         3.153         160         3,445         6,437         337         5.213         265           Urban         819         1,612         50         2.431         4,110         1,911         1.861         50           Rural         432         3,670         216         4,318         7,117         641         5,444         320           Foxal         1,251         5,282         2.66         6,799         11,227         2,552         7,005         370           Rural         390         7,111         20         4,151         6,924         874         6,770         326           Urban         163         321         10         494         930         433         422         10           Urban         294         5,78         181         3,619         7,193         613         5,537         324           Urban         294         5,78         18         890         1,557         724         3,06         18           Urban         294         5,78         18         890         1,557         724         3,30         18           Rural         274         4,899         2,485	incoor!	-		2 894		3,046	5.713		4,885	257	5,142		1,991	105	2.0%
Urban         819         1,612         50         2,431         4,110         1,911         1,861         50           Rural         432         3,670         216         4,318         7,117         641         5,444         320           Total         1,251         5,282         266         6,799         11,227         2,552         7,305         370           Rural         390         768         24         1,182         1,880         874         6,770         322           Total         390         4711         232         6,733         8,844         874         6,770         324           Urban         163         3,21         1,182         1,287         7,193         6,32         2,537         324           Urban         294         3,71         4,113         8,123         1,046         5,959         324           Rural         3,515         30         1,557         724         3,06         18           Rural         273         4,869         2,865         3,728         3,669         1,576         3,30         18           Ru         300         2,669         3,123         1,015         90		- 5	133	3 153		3.445		337	5,213	265	5.815	205	2,060	105	2.370
Rural         432         3,670         216         4,318         7,117         641         5,444         320           Total         1,251         5,282         266         6,799         11,227         2,582         7,305         370           Rural         390         768         24         1,182         1,880         874         8,707         24           Urban         390         4,711         232         5,333         8,804         874         6,770         350           Urban         163         3,21         10         4,94         930         433         422         3,243           Urban         264         3,76         191         4,113         8,123         1,046         5,959         324           Urban         294         378         18         890         1,557         724         706         18           Rural         1,515         80         1,595         3,669         724         3,30         1,56           Urban         294         2,603         38         2,485         4,626         724         3,30         1,56           Urban         295         2,603         31         6,585 <td></td> <td>1</td> <td>818</td> <td>1,612</td> <td></td> <td>2.431</td> <td></td> <td>1 911</td> <td>1.861</td> <td>So</td> <td>3,822</td> <td>1 092</td> <td>249</td> <td></td> <td>1.341</td>		1	818	1,612		2.431		1 911	1.861	So	3,822	1 092	249		1.341
Total         1,251         5,282         266         6,799         11,227         2,552         7,305         370           Urban         390         768         24         1,182         1,880         874         850         24           Total         390         4,711         232         5,333         8,804         874         5,920         312           Urban         163         3,711         232         5,333         8,804         8,74         5,270         336           Urban         163         3,776         181         3,619         7,193         613         4,22         1,0           Rural         362         3,076         181         3,619         7,193         613         3,37         3,24           Urban         294         5,78         1,895         3,069         7,24         5,06         3,30         1,86           Rural         573         4,869         2,88         2,485         4,626         7,24         3,30         1,56           Rural         570         4,869         2,8         3,13         6,24         1,976         9,162         5,06           Urban         250         493	Teshel	2	212	3.670		4.318		<u>3</u>	5,444	320	6,405	200	1.774	10.	2,087
Rural         390         768         24         1,182         1,880         874         850         24           Rural         3,943         208         4,151         6,924         874         6,770         336           Total         390         4,711         232         5,333         8,804         874         6,770         336           Urban         163         3,76         181         3,619         7,193         613         5,537         324           Urban         294         5,78         181         8,90         1,557         724         706         18           Rural         264         5,78         1,895         3,069         724         706         18           Rural         294         2,093         98         2,485         4,626         724         3,30         18           Rural         570         4,869         2,8         5,728         1,976         9,162         506           Rural         570         4,93         11         6,959         1,403         6,50         2,40         2,40         2,40         2,40         2,40         2,40         2,40         2,40         2,40         2,40	Acines	Tota	1251			6,799		2,552	7,305	370	10,227	1 301	2.023	100	3,428
Rural         3,943         208         4,151         6,924         5,920         312           Total         390         4,711         232         5,333         8,804         874         6,770         336           Urban         163         321         10         494         930         433         422         10           Rural         362         3,076         181         3,619         7,193         613         5,537         324           Urban         294         378         181         3,619         7,193         613         5,537         324           Urban         294         378         18         890         1,557         724         706         18           Rural         294         2,093         28         2,485         3,689         724         18           Rural         400         800         25         1,295         3,689         724         133           Rural         773         4,869         2,86         3,728         1,016         9,162         500           Yotal         250         2,485         1,403         6,59         1,076         9,162           Rural		Lirban	390	١		1,182		874	850	24	1,748	484	8.		566
Total         390         4,711         232         5,333         8,804         874         6,770         336           Urban         163         321         10         494         930         433         422         10           Total         525         3,076         181         3,619         7,193         613         5,537         324           Total         525         3,397         191         4,113         8,123         1,046         5,559         334           Urban         294         2,093         98         2,485         7,24         706         18           Total         294         2,093         98         2,485         7,24         3,30         1,56           Rural         573         4,869         2,85         1,285         1,015         900         2,5           Rural         573         4,869         2,86         1,231         1,046         9,162         506           Loban         256         3,159         6,059         1,286         1,976         9,162         506           Loral         250         2,774         1,135         3,159         6,000         6,59         4,567 <t< td=""><td>. Laro</td><td>Z.i.r.a</td><td></td><td></td><td></td><td>4,151</td><td></td><td></td><td>5,920</td><td>312</td><td>6,232</td><td></td><td>1.977</td><td></td><td>2,081</td></t<>	. Laro	Z.i.r.a				4,151			5,920	312	6,232		1.977		2,081
(Bugho)         Rural         362         3,076         181         3,619         7,193         613         5,537         324           Total         523         3,376         191         4,113         8,123         1,046         5,537         324           Total         523         3,397         191         4,113         8,123         1,046         5,557         324           Urban         294         2,093         98         2,485         4,626         724         3,30         1,56           Urban         406         800         25         1,231         2,183         1,015         90         25           Rural         573         4,869         2,86         3,728         961         8,172         481           Vrban         256         3,123         1,016         9,105         3,130         207         12           Rural         573         4,869         2,86         1,240         9,16         9,16         1,17           Vrban         256         2,774         1,135         3,159         6,000         6,57         4,56         13           Urban         72         2,774         1,135         3,159		i di	390	4.711		5.333		874	6,770		7.980	484	2,059	104	7.647
(Bugho)         Rural         362         3,076         181         3,619         7,193         613         5,537         324           Total         523         3,397         191         4,113         8,123         1,046         5,959         334           Urban         294         578         18         890         1,557         724         706         18           Total         294         2,093         98         2,485         4,626         7724         3,330         156           Urban         406         800         25         1,285         4,626         7724         3,330         156           Total         573         4,869         286         5,728         1,015         9/0         25           Total         579         5,669         311         6,959         12,865         4,877         4,81           Loban         250         2,774         1,135         3,159         6,000         6,507         13           Loban         72         2,774         1,135         3,159         6,000         653         4,567         222           Total         21         4,417         234         4,672		1 lihan	163	321	0.1	494	930	433	422		865	270	101	200	371
Total 525 3,397 191 4,113 8,123 1,046 5,959 334      Urban 294 578 18 890 1,557 724 706 18     Rural 294 2,093 88 2,485 4,626 724 3,330 156     Urban 406 800 25 1,231 2,183 1,015 990 25     Total 573 4,869 286 5,728 1,0682 961 8,172 481     Urban 250 493 15 758 1,403 653 657     Urban 250 2,774 1,135 3,159 6,000 953 4,567 222     Urban 72 559 13 644 1,095 509 496 13     Urban 72 5491 234 4,672 8,523 21 7,266 3,84     Urban 72 5,934 4,672 8,523 21 7,266 3,84     Urban 72 8,447 2,344 4,672 8,523 21 7,266 3,84     Urban 72 8,447 2,344 4,672 8,523 21 7,266 3,84     Urban 72 8,447 2,344 4,672 8,523 21 7,266 3,84     Urban 72 8,447 2,344 4,672 8,523 21 7,266 3,84     Urban 72 8,447 2,344 4,672 8,523 21 7,266 3,84     Urban 72 8,646 3,447 8,646 8,	Isvier (Rughe)	X	362	3.076		3.619	7,193	613	5,537	324	6,474	251	2,461	143	2.855
Urban         294         578         18         890         1,557         724         706         18           Rural         1,515         80         1,595         3,069         724         2,624         138           Total         294         2,093         98         2,485         4,626         724         3,330         156           Urban         406         800         25         1,231         2,183         1,015         990         25           Total         979         5,669         311         6,959         12,865         1,976         9,162         50         15           Urban         250         2,728         12,065         4,597         6,53         6,72         1,976         9,162         50         15           Rural         270         3,13         6,959         12,865         1,976         9,162         50         15           Rural         250         2,774         13         3,159         6,000         653         4,567         222           Total         250         2,774         13         6,44         1,095         509         496         13           Chroan         26		Total	\$25	3.397		4,113	8,123	1.046	5.959	334	7.339	521	2,562	143	3.226
Rural         1,515         80         1,595         3,069         2,624         138           Total         294         2,093         98         2,485         4,626         724         3,350         156           Urban         406         800         25         1,231         2,183         1,015         990         25           Total         979         5,669         311         6,959         12,865         1,976         9,162         481           Virban         250         311         6,959         12,865         1,976         9,162         36         1           Rural         270         3,669         31         6,959         12,865         1,976         3,030         207           Rural         250         2774         15         2,401         4,597         653         4,567         222           Total         259         13         644         1,095         600         496         13         644         1,095         309         384           Rural         21         24,417         234         4,672         8,523         21         7,266         384		Urban	294	578		068	1,557	724	706	18	84 87	430	128		558
Total         294         2,093         98         2,485         4,626         724         3,330         156           nga         Rural         573         4,869         286         5,728         1,0.682         961         8,172         4,81           Total         979         5,669         311         6,959         12,865         1,976         9,162         506         15           Rural         250         493         12         758         1,403         653         637         15           Rural         2,281         120         2,401         4,597         3,930         207           Total         250         2,774         135         3,159         6,000         653         4,567         222           Rural         72         559         13         644         1,095         509         496         13           Chroan         72         559         13         4,672         8,523         21         7,266         384	Julita	Rural		1,515		1,595		100 300	2,624	138	2,762		80-		.167
under the control of the con	ļ	Total	294	2,093	٠.	2,485		724	3.330	156	4,210	430	1.237	   	1.725
Rumal         573         4,869         286         5,728         10,682         961         8,172         481           Total         979         5,669         311         6,959         12,865         1,976         9,162         506         1           Urban         250         493         15         758         1,403         653         637         15           Rural         2,281         120         2,401         4,597         3,930         207           Total         250         2,774         135         3,159         6,000         653         4,567         222           Urban         72         559         13         644         1,095         509         496         13           Rural         21         4,417         2,34         4,672         8,523         21         7,266         384		Lichan	406	800		1.231		1,015	066	25	2,030	609	190		799
Total         979         5,669         311         6,959         12,865         1,976         9,162         506         1           Urban         250         493         15         758         1,403         653         637         15           Rural         2,281         120         2,401         4,597         3,930         207           Total         250         2,774         135         644         1,095         559         13           Urban         72         559         13         644         1,095         509         496         13           Rural         21         4,417         2,34         4,672         8,523         21         7,266         384	Kananea	Kilm	573	4.869		5.728	10,682	196	8.172	187	9,614	388	3,303		3,886
Urban         250         493         15         758         1,403         653         637         15           Rural         2,281         120         2,401         4,597         3,930         207           Total         2,774         135         3,159         6,000         653         4,567         222           Urban         72         559         13         644         1,095         509         496         13           Rural         21         4,417         2,34         4,672         8,523         21         7,266         384		Total	676	5.669		656.9	12.865	1.976	9,162	909	11.644	. 997	3.493	195	4.685
Rural         2.281         120         2.401         4.597         12.333         2.07           Total         2.50         2.774         13         6.44         1.095         559         13           Urban         72         559         13         644         1.095         509         496         13           Rural         21         4.417         234         4.672         8.523         21         7.266         384		1 Jrhan	250	493		758	1,403	653	637		1,305	403	144		\$47
Total         250         2,774         3,159         6,000         653         4,567         222           Urban         72         559         13         644         1,095         509         496         13           Rural         21         4,417         2,34         4,672         8,523         21         7,266         384	5.00	200		2.281		2,401	4.597	1.0	3,930		4,137	***	1,649	87	1,736
Urban         72         559         13         644         1.095         509         496         13           Rural         21         4,417         234         4,672         8,523         21         7,266         384	: :	Total	250	2 774	1.1	3,159	0000	653	4,567		5,442	403	1.793	87	2,283
Rural 21 4,417 ces 234 ces 4,672 e8,523 21 ce 7,266 e384 ces		I rhan	72	559	: : : : : : : : : : : : : : : : : : : :	44	1.095	500	496	- 1 ·	810,1	437			437
		S ITS	2.1	4.417	2.50	4.672	.8,523	17	7.266		1,671		2,840	150	2.999
Trata 03 4.976 247 5.316 9.618 530 7.7.762 397	:	i ota	50	4.976	1	5.316	9.618	530	7.762	397	8,689	437	- 2,849	150	3.4.36

Table 8.5.5 Additional Number of Households to be Served in Phase II (Household Toilets) (Cont'd)

		No. I	households	No. households Served in 2004	2004				Phase II	Phase II Coverage (2010)	(2010)	:		
Name of	Arca		,			70001 10		Household	Household Coverage		Additio	nal No. of	Additional No. of HHs to be Served	erved
Municipality/City		Flush	Flush	VIP/Dry	Total	of HH's	Flush	Pour	VIQ/91V	Total	Flush	Pour	VIP/Dry	Total
	rehai	×15	429	13	099	814,1	099	040	13	1,319	442	217		6\$9
MicArthur	Rural	6	2,811	148	2,968	6,840	δ	5,839		6.156		3.028	91	3.188
	Total	227	3,240	191	3.628	8.258	699	6.435	321	7.475		3,245	3	3,847
	Urban	161	375	12	878	1,064	495	483		086	ő	801		412
Mahaolag	Rural	31	3,092	3	3,287	5,925	31	5.035		5.333		1.943	<u>.</u>	2.046
	Total	222	3,467	126	3,865	6:086	929	5,518		6.323	30.	2.051	[03	2,458
	Urban	240	473		728	1.280	202	580		1.190	355	107		9
Mata2-ob	Rural	254	2.161		2,542	4.691	422	3,589		4,222		1,428	3	089
	Total	767	2.634	142	3,270		1,017	4,169		5.412		1,535	ž	2.142
	Urban	208	410		189	626	437	423	13		229	13		242
Matalom	Rurai	365	3,102	183	3.650		551	4,681			186	1.579	20	1.357
	Toral	573	3.512	1961	4.281		886	5,104	288	6,380	415	1.592		2.099
	Jrhan		268	30 1	412	643	299	167	8	598	163	23	:	98:
Mayorea	Rural		1.415	75	1.490	5		2,149	£11 :	2,262		734		772
	- - - - -	136	1.683	83	1,902	3.156	299	2,440	121	2,860		757	38	958
	Irhan				-731	965	449	433	\$1	897	208		;	208
Xeriota Seriota	2	L	"		3.816	6,111	181	5.044	275	5,500	1,11	1.600	8.4	1.084
	i de				4.547	7.076	9.30	5.477		. 6.397	208	1.600	84	1.892
	Linan	1.358			4,116	7,542	3,507	3.425			2,149	749		2.89x
Palo	Rural	Ŀ		: :	4,337	552.6	4,337	2.285		6.971		2.502	132	2.634
	Total	\$695	2,459	200	8,453	18.287	7.844	5.710	7	13,985		3,251	132	5.532
	Crban	292		: -	2.343		989	1.638	:		1.424			.424
Palomoon	Kura	L		376	7.528	12,791	884	10.052	:		131	1.653	200	3.084
	Total	L		423	9.871	16	2.570	11,690	623	14,883	555	3.653	300	\$0 <del>1</del> .5
	Urban		455		\$02	266	404	453	0:	927	427			427
Pastrana	Sura.		2,000	10.7	2.105	4379	305	3.350	ì	3,941	302	350	92	1.836
	[ c	37	2,455		2,607	5.376	858	3.803	2	4,868	\$21	350	92	2.263
	Urban		714		1.008	1.756	817.	794		1,633	455	08		\$38
San Isidro	Rural		5.437	286	5,723			8.867	467	9,334		3,430	181	1.611
	Total	362	6,151		6,821	12.127	817	199'6	489	10.967	455	3.510	181	4,146

Table 8.5.5 Additional Number of Households to be Served in Phase II (Household Toilets) (Cont'd.)

		No.	households	No. households Served in 2004	2004				Phase II	Phase II Coverage (2010)	(2010)	:		
Name of	Area					Town! No		Household	Household Coverage		Additio	nal No. of	Additional No. of HHs to be Served	Served
Municipality/City	٠.	Flush	Pour Flush	VIP/Dry	Total	of HHs	Flush	Pour	VIP/Dry	Total	Flush	Pour Flush	VIP/Dry	Total
	nc41		547	Ξ	558	949	442	430	11	883	442			242
Can Michael	Ring	1	1.773	93	1.866	3,521		3,011	158	3,169		1.238		1.303
Sparity like	Total		2,320	101	2,424	4,470	442	3,441	691	4,052	442	1.238	65	1745
	Irhan	127	250	×	385	704	328	319	8	655	201	\$		270
Santa Fe	Rum		2.0.9	<u>8</u>	2,125	4,140		3,540		3,726		1,521	8	.60
	Total	127	2,269	114	2,510	4.844	328	3.859	76	4,381	201		80	1.871
	Urban	286	563	[2]	908	1.410	959	638		1.311	370	2		505
Тарапео	Rural		4,365	230	4,595	8.161		6,978		7,345		2.613		2,750
	Total	286	4,928	247	5,461	175,6	656	7,616	384	8,656	370	2,683	137	3,195
	Lichan	138	273	8	419	9/9	315	306	S	620	177	33		210
Tahontahon	Rufal		828	44	872	1,470		1,257		1,323		429	22	451
	Total	138	101	52	1.291	2.146	315	1.563	7.7	1,952	177	462	77	\$
	Trhan	10.421	20.526	632	31.579	66,954	31.134	30,501	632	62.267	20,713	9.975		30.638
Tacloban City	1		3.301	178	3.569	7.922		6,773	357	7.130		3.382		3,561
(Capital)	101	10.421	23.917	810	35,148		31.134	37,274	686	69,397	20.713	13,357	179	34.249
	irhan	63	2.400	S	2.513		1.969	1.918	90	3,937	1,906			906.1
Tangelon	2	472	4.010	236	ľ	8,012	721	6,129	19:	7,211	249	2.119		2,493
	Total	535	6.410	286		12,245	2,690	8.047	411	11,148	2.155	2.119	125	4389
	I shan	03	183	9	282	460	214	208	9	428	121	. 25		170
Toloca	Rura	205	1.738	102	2,045	3,460	311	2,647	951	3.114	1	606	.:	1.069
	Total	298	1,921		2,327	3,920	525	2,855	162	3,542		934	¥	1,215
	Urban	219	432	13	664	1,621	754	741		1,508	~	300		4
Tunga	Rural	49	412	24	485	1.189	101	606		1.070	3.0	497		28
<b>3</b>	Total	268	844	37	1149	2,810	861	1,650	67	2.578		308	ο.	2.4.
	Urban	183	360	11	554	922	426		11	857	246	57		303
Villaha	Rural	554	4704	277	5.535	555.6	009	7.570	430	3,600	917	2.866		3,065
	Total	737	5,064	288	680.9	10.477	1.029	7.987	141	9,457	292	2.923	15.	3.368
	Urban	23,414	59,101	1.686	84.201	154,866	72 025	1	1,686	144,025	48.611	15.302		
Provincial Total	Rural	13,398	145,668	1,48.37	167,437	300,330	19.594	. 237.190	13,519			i.e	ä	4
	Į.	36.812	204,769	10.057	251.638	455,196	01916	307.504	15,205	414,328	54.807	106.824	5.145	166.779
			1											

Table 8.5.6 Additional Number of Public School Students to be Served in Phases I and II (School Toilets)

	Std. No. of Public	Projected	Phase I Coverage (2004)	Prage (2004)	D-ninear	Phase (1 Coverage (2010)	erage (2010)
Al Obstitution of the second	School Student that	Number of Public School	Public School	Additional No. of Pulytic School	Number of	Public School	Additional No. of Public School
The National Administration of the Administr	the Base Year	Student	Students	Student to be	Public School Students in 2010	Students Coverage	Students to be Served
Ahusa	3,200	11,622	7.096			12.038	
Alaneslane	0,360	1567			11,060	6,954	3.594
Albuera	4,080	8,790				8.500	1,473
Bahatneon	2,120	184.9		:		6.629	2.337
Barrigo	999	7,388			:	7,742	4,705
Baro	4,320	8,568				8.096	
Hashas	5.560	20,382		6,832		21,424	
Burauch	8,905	11,026				12,523	
Calubran	5.560	7,929		2,369	11.038	9.934	2.005
Chappen	4.320	6,693	6,564	2,244	125,8	69972	1.105
Captorian Campara	3.786			1,833		6,873	1.254
Daysin	3.760				7,647	6,882	1,122
Dulay	2,503			1,214		687.5	772
Haloncos	6,720			2,320	10,004	9.X14	174
Hindang	1.760			1,231		3,730	730
Inopacan	3,520			1.314		5,181	347
Isabel	2,720	9,477		3,177		9.751	3.854
Jaro	1,200			2.832		7.751	3.719
Javier (Bugho)	4,160	5.526	4.160			6.217	2.057
Julita	1,400			1,219		4,127	1.508
Kananga	2.830			2,953		9.365	3.532
La Paz	3.600		***	1,871	6.570	5.913	£5.4
Levie	2.400	****		3,637		10,139	107
MacArthur	1.720	4,890		1,640		6,140	2,780
Mahaplay	1,120	6,430		2,156		6,446	3,170
Matag-ob	1,280	1-		1.517		08X.2	2.092
Matalom	4,320		,	2,161		6,368	
Mayorga	040	2,931				2,913	1,791
Menda	5,224	6,117			:	6.181	250
Palo	1,680			2,329	9,666	8,099	069,4
Palompon	2,280	7,275				8.812	4,093
Pastrana	1,000	9671	2,507			4,973	2.406
San Isidro	1,160				•	8.280	4.622
San Maguel	2, 20			1,472		4,392	008
Santa Fe	1,920	4   84		1,402	5.038	4,534	1.212
Tabango	6,733	X.087			9.157	8,241	1.50%
Tabontaban	1.520	2,160	1.00	040		2.091	
Tacloban City (Capital)	5.760	1. v v ·		4,243	23,726	21.353	11,350
Tanauan	791.9		3		9.356	8.4.20	2.053
Tolosa	3,480	4,082	3,480		4.325	3.893	613
Tunga	2.320	0.10	125			7,97	3
Villaba	\$.560	210.8	8,012	2,452		8,726	7
Description (Tests)	003 571	293.928	2.20,446	76,848	358,641	322,7761	102.5128

Table 8.5.7 Additional Number of Public Utilities with Sanitary Tollets in Phase I and II

		Coverage in Bace Venr	Bace Vear		Phase I Coverage			Phase I Coverage	
		61)	(1998)		(2004)			(2010)	
Name of	Type	No. of PU	No. of PU	No. of PU	Add'l. No. of Public Utilities	No. of PU	No. of PU	Add'l. No. of Public Utilities	No. of PU
Municipality/City		with Toilets Facilities	with Sanitary Toilets	with Toilets Facilities	with Sanitary Toilets	with Sanitary Toilets	Facilities	with Sanitary Toilets	with Santary Toilets
	Public Market	2	2	2		2	2		2
	Bus/Jeepney Terminal	3	3	3		m	2		3
Abuyog	Parks/Plavzround	12	12	12		12	12		12
	Total	1.1	17	17		17	17		17
	Public Market	3	5	3			8		m
	Bus/Jeepney Terminal								
Alangalang	Parks/Playground				i.		;		
	Total	n	3	3		m	3		3
	Public Market	2	2	2		2	. 2		2
	Bus/feepney Terminal								
Albucra	Parks/Plaveround								
	Total	2	2	2		2	2		2
	Public Market		1			1	<b>7-4</b>		
	Rus/Jeenney Terminal		1	-:: [		. 1	.1		
Babatngon	Parks/Plaveround	2	2	2	1	2	2		2
-	Total	4	4	4		4	4		*4
	Public Market	2	2	2		2	.2		2
	Bus/Jeepney Terminal	1	1	1	and the state of t	1	- I.		
Barugo	Parks/Plaveround			: '					
	Total	3	3	e.		3			3
	Public Market	3.	3	3		3	3		63
	Bus/Jeepney Terminal						-		2127
Bato	Parks/Playground								
	Total	3	3	3		8	3		ra
	Public Market	9	9	9		9	9		9
	Bus/Jeconey Terminal	2	2	2		2	2		2
Baybay	Parks/Playeround	S	5	S		5	\$		S
	Total	13	13	13		13	13		13
	Public Market	2	2	. 2		2.	2		7
İ	Bus/Jeepney Terminal						:		
Buranen	Parks/Playground			vi iii					
-	Total	2	2.	2	***	2	2		2

Table 8.5.7 Additional Number of Public Utilities with Sanitary Toilets in Phase I and II (Cont'd.)

with Sanitary No. of PU Toilets <u> 4</u> Phase I Coverage (2010) Add'l. No. of Public Utilities with Sanitary Toilers No. of PU with Toilets Facilities 4 No. of PU with Sanitary Toilets ₫, 4 Phase I Coverage Public Utilities with Sanitary Add'l. No. of with Toilets No. of PU Facilities 4 4 with Sanitary No. of PU Toilets Coverage in Base Year (1998) 4 4 No. of PU with Toilets Facilities 4 Bus/Jeepney Terminal Parks/Playground Bus/Jeepney Terminal Bus/Jeepney Terminal Parks/Playground Public Market Bus/Jeepney Terminal Bus/Jeepney Terminal Bus/Jeepney Terminal Bus/Jeepney Terminal Bus/Jeepney Terminal Public Market Parks/Playground Parks/Playground Total Parks/Playground Parks/Playground Parks/Playground Parks/Playground Type Public Market Public Market Public Market Public Market Public Market Public Market Cotal **Fotal** Total Total Total Total Municipality/City Name of Capoocan Culubian Hilongos Hindang порасии Carigara Dagami Dulag

Table 8.5.7 Additional Number of Public Utilities with Sanitary Toilets in Phase I and II (Cont'd)

		Coverage in	Coverage in Base Year		Phase I Coverage			Phase I Coverage	
		Ć)	(20)		(*007)			10.00	
Name of	Type	No. of PU	No. of PU	No. of PU	Add"l, No. of	No. of PU	No. of PU	Add'l. No. of Public Lighting	No. of PU
Municipality/City		with Toilets Facilities	with Sanitary Toilets	with Toilets Facilities	with Sanitary Toilets	with Sanitary Toilets	with Toilets Facilities	with Sanitary Toilets	with Sanitary Toilets
	D. L. L. Marshar	,		2		2	2		2
	Public Indiance					1	j		-
Isabel	Park c/Playoround		-	1			1		•
	Total	4	3	4		4	4		4
	Public Market	1	1			-	-	:	-
	Bus/Jeepney Terminal		***						
Jaro	Parks/Playground								
	Total	1	1	1		1	1		
	Public Market	2	2	2		2	2		6
	Bus/Jeepney Terminal								
Javier (Bugho)	Parks/Playeround								
-	Total	2	2	2		7	. 2		2
	Public Market							:	
	Bus/Jeconey Terminal								
Julita	Parks/Plaveround								
	Total								
	Public Market		. 3	3		3			<b>1</b> (1)
	Bus/Jeenney Terminal	3	3	3 5	1	3	3		ادر
Kananga	Parks/Playoround	6	17	61	2	61	19		19
	Total	25	23	- 25		25	25		25
	Public Market	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 - 11	1		· I	:		
	Bus/Jeepney Terminal		1			-	-		
La Paz	Parks/Playground	9	9	9		9	9	1	9
	Total	S	8	8		8	8		8
	Public Market	_	]	1		1			-
	Bus/Jeepney Terminal	-	1	1			-		1
Leyte	Parks/Plaveround								
	Total	2	2	2		2	7	,	
	Public Market	2	2	2		2	2		. 2
	Bus/Jeepney Terminal								
MacArthur	Parks/Plaveround								
	Total	2	2	2		c i	2		C1

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Table 8.5.7 Additional Number of Public Utilities with Sanitary Toilets in Phase I and II (Cont'd.)

			A STATE OF THE PARTY OF THE PAR						
		Coverage h	Coverage in Base Year		Phase I Coverage	:		Phase I Coverage	
		60	(1998)		(2004)			(2010)	
Name of	Type	No. of PU	No. of PU	No. of PU	Add'l. No. of Public Utilities	No. of PU	No. of PU	Add'l No. of Public Utilities	No. of PU
vauncipanty/City		with Toilets Facilities	with Sanitary Toilets	with Toilets Facilities	with Sanitary Toilets	with Sanitary Toilets	with Louets Facilities	with Sanitary Tollets	With Sanitary Toilets
3000	Public Market	1		1		1	1		-1
	Bus/Jeepney Terminal	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		-
Mahaplag	Parks/Plaveround								
	Total	2	2	2		2	2		2
	Public Market		1	1			1		
,	Bus/Jeepney Terminal	. 1	1			1			-
Matag-op	Parks/Playground						:	1	
	Total	2	2	2		2	2		. 2
	Public Market	2	2	2		2	2		2
	Bus/Jeepney Terminal							,	
Matalom	Parks/Playeround	1							
	Total	2	2	7		2	. 2	:	2
	Public Market	1	1	1		1	. 1		1
	Bus/Jeepney Terminal	2.							
Мауотда	Parks/Playeround								
	Total	1	-	1			1		1
	Public Market	5	5	\$			5		\$
	Bus/Jeepney-Terminal								
Menda	Parks/Playground		:						
	Total	\$	\$	· S :		55	5.		5
	Public Market	1	1	1		1	-		. 1
	Bus/Jeepney Terminal				i.				
Palo	Parks/Playground				:				
	Total	1	1	1		-	1		-
	Public Market				-				
	Bus/Jeepney Terminal					1			
Palompon	Parks/Playsround	53	53	53		53	53		53
	Total	53	:53	53		53	53		53
	Public Market	2	2	2		. 2	2		C1
	Bus/Jeepney Terminal	2	2	2		2	7		2
Pastrana	Parks/Playground		27 1 200		\$				
:	Total	4	4	4		4	4		4

Table 8,5,7 Additional Number of Public Utilities with Sanitary Toilets in Phase I and II (Cont'd.)

		Coverage in Base Year	e in Base Year		Phase I Coverage (2004)		:	Phase I Coverage (2010)	
Name of Municipality/City	Type	No. of PU with Toilets	No. of PU with Sanitary Toilets	No. of PU with Toilets Facilities	Add'l. No. of Public Utilities with Sanitary	No. of PU with Sanitary Toilets	No. of PU with Toilets Facilities	Add'L.No. of Public Utilities with Sanitary	No. of PU with Sanicary Tollers
					Tollers			SISTIN TO	
	Public Market	1 7 7	-	-					
1	Bus/Jeepney Terminal				1 1 1				
San Isidro	Parks/Playground	91	16	.16		16	16		0 !
	Total	17		17.		17.	17		17
	Public Market	1	1	1.		-	1		
	Bus/Jeepney Terminal								
San Miguel	Parks/Plaveround								
	Total	1	1	1		-	1	:	
	Public Market	1		1		-	1		
1	Bus/Jeepney Terminal							1	
Santa Fe	Parks/Plavoround								
	Total	1	1	1		1			
	Public Market								
	Bus/Icenney Terminal	2	2	.2		2	2	* *	2
Tabango	Parks/Plavoround								
	Total	2	2	2		2	2		. 2
	Public Market		_			1	1		
	Rus/ Jeenney Terminal								:
Tabontabon	Parks/Plavoround								
	Total	-	P	1	:	1	1		1
	Public Market	4	4	4		4	4		4
Taclohan City	Bus/Jeepney Terminal	2	2	7		2	2	71.4	2
(Canital)	Parks/Plaveround	2	2	2		7	. 2		2
	Total	s	8	8		8			8
	Public Market	4	4	4		4	च	***	4
	Bus/Jeeney Terminal								:
Tanauan	Park		1	1	:	1	1		
	Total	5	2	S		\$	5		S
	Public Market	•		-	25	1			
	Bus/Jeepney Terminal								
Tolosa	Parks/Plaveround								
	Total		-	1		1	1		

**(**()

Table 8.5.7 Additional Number of Public Utilities with Sanitary Toilets in Phase I and II (Cont'd.)

		Coverage in Base Year (1998)	te in Base Year		Phase I Coverage (2004)			Phase I Coverage (2010)		
Name of Municipality/City	Туре	No. of PU with Tollets Facilities	No. of PU No. of PU with Sanitary with Toilets Facilities	No. of PU with Toilets Facilities	Add'l. No. of Public Utilities with Sanitary Tollets	No. of PU with Sanitary Toilets	No. of PU with Toilets Facilities	Add'l. No. of Public Utilities with Sanitary Toilets	No. of PU with Sanitary Toilets	
	Public Market			1		1	1	,	1	
	Bus/Jeepney Terminal									
I unga	Parks/Playground									==
	Total	I.	-	-		1	1		~~	
	Public Market	\$	5	\$		5	5		S	
	Bus/Jeepney Terminal	·	1	1		-	l			·····
Villaba	Parks/Playground		_	1.		1	1		. 4	377
	Total	7	7	7		7	L		7	
	Public Market	08	79	80	1	80	08		08	
Ē	Bus/Jeepney Terminal	.23	23	23		23	23		23	
Provincial lotal	Parks/Playground	132	130	132	2	132	132		132	
	Total	235	232	235	3	235	235		235	
100 miles (100 miles (										ì

# 8.6 Facilities, Equipment and Rehabilitation Required to Meet the Target Services

# 8.6.1 Water Supply

# (1) Required water supply facilities

#### Urban water supply:

Urban water supply facilities required by target year shown in Table 8.6.1 were estimated as the required number of house connections based on the additional service coverage.

**(**)

As reference, the following requirements were also estimated:

- daily average water demand at 100 lpcd consumption rate, and
- number of deep wells to meet the daily maximum water demand based on the groundwater productivity.

(daily maximum water demand = 1.3 x daily average water demand)

Information pertaining to the expansion plan of Level III systems was arranged to be indicated in Table 8.6.1 and details presented in Table 8.6.2, however, required data were not available during this PW4SP preparation.

# Rural water supply:

Rural water supply facilities required by target year shown in Table 8.6.3(a) were estimated as the number of Level II systems with number of communal faucets and the number of Level I wells broken-down to deep and shallow wells. Sixty six (66) untapped springs suitable for Level II system were confirmed during this PW4SP preparation.

# (2) Required well drilling and rehabilitation equipment

Presently, the DPWII-1st DEO (in Palo) has one unit of truck-mounted percussion drilling rig applicable for deep well (10" of bit diameter and 500 ft. of depth) and one unit of rotary type drilling rig (4" of bit diameter and 100 ft. of depth). While 5th DEO (in Baybay) has one unit of truck-mounted percussion drilling rig (8" of bit diameter and 300 ft. of depth). These two units of percussion type drilling rigs were granted by the Japanese government. Other 3 DEOs have no drilling rig at present.

Taking into account of the existing equipment, the number of required equipment is estimated as described below.

Applicable type of well drilling equipment is determined considering the geological formation of the province, the easiness to technically operate. Both types of percussion and rotary are suitable for the soft and hard formations, and the percussion type can be easily operated and maintained without special training to drillers compared with the

Table 8.6.1 Urban Water Supply Facilities Required by Target Year

Phase 1 (2004) Requirements Phase 11 (2010) Requirements	Daily Average Number of Additional Number of Daily Average	Served Water Expansion to Population House Devit, to be Served Connections	ropulation Source Deep Well	721 1.802 1.802 7.21	4.597	NA.	N.A. N.A. 1,696 324 70 12,461 3,113 12,46		37C 7	N.A. N.A. 1,002 203 100		SP No 1,104 209 110 1 2,123 531 212	\$,659		No 944 176 V4 5:050	4.523	- 192			8.766 2.192 877	24,447	736 6	277 577 0077	12,942	2007		**************************************	N.A. 790 166 79 1.513 485	2.224	1		2,000	120	
icting Lovel III System	1 X001 ci	Served Water	!L	MC			٠ ٢ ٢			V.	5.659	SP	G.	:-		4.523	- 2	š 1912	15,019	g,	24,447		ን የ	12,942					2,224	4	100	6.072		V
Defendant Conneits of Evicting Lower III System	Kelerence on Expansion of Ex	Name of Area No. of Operating Body		Abuyog WD Urban 9	Total 9	Not Applicable Urban N.A.	Rura	$\vdash$	_		todal and managed 100	Rura	Total	Metro Carigara Urban 8			Metro Hilongos Urban 1 1 1	D (c) Rural	Baybay WD Urban 23		Total 38	Burauen	WWS Rural 2		Calubian WD Urban I	Kural : [1						Total 19	Leyte Metro WD Urban	3
		Name of Municipality/City O		Abuyog		No.			Albuera			Sabatagor   CO		Me			Bato	<u> </u>	Bachay			Burauen LG			Calubian		Canobian	-		Cangara	<b>≥</b>		Dagami	

Table 8.6.1 Urban Water Supply Facilities Required by Target Year (Cont'd)

Number of Additional Number of Unity Average   Spring Population House Demand Den Multiple   Den Number of Connections     20.796		Roforon	y d no a	ansion of F	visting Leve	1 III Sweter			Phase 1 (2004)	Phase 1 (2004) Requirements	. ,		Phase 11 (2010)	Requirements	
Name of Name					300				3	Daily Average	Number of	A d division a	A seather	Dally Average	۲.
Columbia   Columbia	Name of	Name of	Area	No. of	٠. ا	Type of Water	Plan for		мишрет от Ночже	Water	Spring Dev't./	Population	House	Water	Spring Dev't./
COU - Dulley   Course   Cour	So caspediament	Operating Body	a <sup>3</sup>	Barangay Served	Population	Source		o be Served	Connections	(m³/dav)	Deen Well	to be Served	Connections	(mg/dav)	Deep Well
West   Figure   Fig	Dulay	LGU - Dulay	Urban	1	253	]				į		č	3	6	
Metro Filongeo   Under   1   252   1   1   1   1   1   1   1   1   1	٠ • •		Rura			ž	ž	3,293	\$ \$	329		20.796	<u> </u>	OSD'7	٠,
Work Hörunges         Urbain         1         1,472, 13         NA         1,22         237         124         1         6.583         1,596         638           WO (s)         Total         3         4,796         DW         NA         1,224         237         1,533         331         137           WO (s)         Total         1         2,201         NA         NA         NA         347         67         35         1,224         331         137           Not Applicable         Ward         NA         NA         NA         347         67         35         1,224         601         241           Not Applicable         Ward         NA         NA         NA         NA         347         67         35         1,224         601         241           Not Applicable         Ward         NA         NA         NA         NA         347         67         35         1,123         311         137           Mary Urban         Ward         3         2,042         410         NO         2,042         410         NO         2,241         1,09         1,112         1,112         1,112         1,112         1,112         1,112 <td></td> <td>:</td> <td>Total</td> <td>ſ</td> <td>253</td> <td></td>		:	Total	ſ	253										
WD 64)   Reset   2	Hilongos	Metro Hilongos	Urban	1	1,472					į	-	5	33	367	-
Marco Hilogos   Urban   3   6,257   N.A.   N.A.   347   67   35   1,324   331   132   N.A.   N.A.   N.A.   347   67   35   1,224   331   132   N.A.   N.A.   N.A.   N.A.   347   67   35   1,226   601   2-11   N.A.   N.A.   N.A.   N.A.   347   67   35   1,226   601   2-11   N.A.   N.A.   N.A.   N.A.   347   67   35   1,226   601   2-11   N.A.   N.A.   N.A.   N.A.   347   67   35   1,226   601   2-11   N.A.   N.A.   N.A.   N.A.   347   67   35   1,226   601   2-11   N.A.   N.A.   N.A.   1,024   1,025   1,035   1,033   1,033   1,034   1,0		WD (a)	Rural	- 7	4,795	Ž O	2	1,242	237	<u>명</u>	<b></b>	2000	0/45.1	ô	
March Hilonges   Urban   1   2213			Total	3	6,267								-		
WO (b)   Figure   NA   NA   NA   SA4   67   35   1,254   551   1754   1,254   1,544	Hindane	Metro Hilongos	Lirban	-	2,213							;		:	
Not Applicable   Total   1		(WD (b)	Rural				- K		.:			+7C.	-	 	_
Not Applicable   Urban   NAA   NAA   NAA   S47   67   35   15 2,405   601   241	=		Total		2,213										
State   WD   Urban   3   2646   Dw   No   2,042   416   204   1   10,925   2,772   1,093   1	Inchacan	Not Applicable	Lirban	٧X	ĄZ							;	:		
Stable   WD   Close   Stable   WD   Close   Stable   WD   Work   Stable   WD   Work   Stable   WD   Work		Rural	N.A.	Ϋ́	A.V.	X.A.	347	67	35		2,405	100			
Isabel WD   Urban   3   2,046   Dw   No   2,042   4:16   2,044   1   10,923   2,732   1,093	-		Total			1									Ī
Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Not Applicable   Urban   Urba	leabal	Isahel WD	Urban	. 3	2,646										
Jaro WD   Total   3 6,750   July   Mol	- Alter		Rurai	S	4,104	Ž	°Ž.	2,042	4:6	102		10,928	2.732	1.083	ra ra
Jury WO   Urban   4   3,478   DW   No   990   198   99   1   2,725   681     Rural   4   3,478   DW   No   428   83   43   1   2,280   570     Total   5   1,439   No   428   83   43   1   2,280   570     Total   5   1,439   No   428   83   43   1   5,214   1,304     Total   5   1,439   No   428   83   43   1   5,214   1,304     Total   N.A.   N.A.   N.A.   N.A.   702   149   70   1   5,214   1,304     Urban   N.A.   N.A.   N.A.   N.A.   652   127   65   1   4,678   1,170     Urban   N.A.   N.A.   N.A.   N.A.   856   99   57   1   2,809   702     Urban   N.A.   N.A.   N.A.   N.A.   854   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   854   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   854   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   854   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   N.A.   844   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   N.A.   N.A.   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   N.A.   N.A.   11   5,81     Urban   N.A.   N.A.   N.A.   N.A.   N.A.   844   11   5,81     Urban   N.A.	.; 	Total	<b>3</b> %	6,750											
Rural   A   3,428   SP   No   428   83   43   1, 2,280   570     COU - Javier   Urban   2   826   SP   No   428   83   43   1, 2,280   570     Total   S   1,439   SP   NA   NA   NA   NA   702   149   70   1   5,214   1,304     LGU - Kananga   Urban   1   7,140   No   NA   NA   NA   NA   NA   NA   NA	Jaro	Jaro WD	Urban	4	3,428					Ç	•		5	í	<u></u>
Total   4   3,428   No   428   83   43   1   2,280   570     Ruzal   N.A.   N.A.   N.A.   702   149   70   1   5,214   1,304     CCU - Kananga   Urban   N.A.   N.A.   N.A.   702   149   70   1   5,214   1,304     CCU - Kananga   Urban   N.A.   N.A.   N.A.   652   127   65   1   4,678   1,170     CCU - Kananga   Urban   N.A.   N.A.   N.A.   652   127   65   1   2,809   702     CCU - Kananga   Urban   N.A.   N.A.   N.A.   652   127   65   1   2,809   702     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   702     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   702     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   702     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   702     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   120     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   120     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   58   1   2,809   120     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   88   1   1,809   1,201     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   88   1   1,201     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   1,804     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   1,804     CCU - Leyte   Urban   N.A.   N.A.   N.A.   854   11   1,804     CCU - Leyte   Urban   N.A.   N.A.   N.A.   1,11   1,804     CCU - Leyte   Urban   N.A.   N.A.   N.A.   1,11   1,804     CCU - Leyte   Urban   N.A.   N.A.   N.A.   1,11   1,804     CCU - Leyte   Urban   N.A.   N.A.   1,11   1,804     CCU - Leyte   Urban   N.A.   N.A.   1,11   1,104     CCU - Leyte   Urban   N.A.   1,11   1,104     CCU - Leyte   Urban   N.A.   1,11	<u>}</u>		Rural			ă Q	ž	8	86:	\$		37.5		7.77	.,
CGU - Javier   Urban   2   SS6   S9   No   428   S3   43   1   2,280   570     Rural   5   1,439   NA   N.A.   N.A.   702   149   70   1   5,214   1,304     CGU - Kananga   Urban   1   7,140   NA   N.A.   N.A.   652   127   65   1   4,678   1,170     CGU - Kananga   Urban   1   7,84   N.A.   N.A.   652   127   65   1   4,678   1,170     CGU - Leyte   Urban   1   7,84   N.A.   N.A.   N.A.   8,4   111   8,8   1,170     CGU - Leyte   Urban   1   7,84   N.A.   N.A.   8,4   111   8,8   1,170     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   8,4   111   8,8   1,1201     CGU - Leyte   Urban   N.A.   N.A.   N.A.   1,1201   1,1201     CGU - Leyte   Urban   N.A.   N.A.   1,1201			Total	4	3,428										
Not Applicable   Urban   N.A.   N.A.   N.A.   702   149   70   1   5,214   1,304     Not Applicable   Urban   N.A.   N.A.   N.A.   702   149   70   1   5,214   1,304     Urban   Urban   N.A.   N.A.   N.A.   652   127   65   1   4,678   1,170     Urban   N.A.   N.A.   N.A.   856   99   57   1   2,809   702     Urban   N.A.   N.A.   N.A.   854   11   88   1,201     Urban   N.A.   N.A.   854   11   88   1,201     Urban   N.A.   N.A.   854   11   88   1,201     Urban   N.A.   N.A.   N.A.   854   11   88   1,201     Urban   N.A.   N.A.   N.A.   854   1	Javier (Bugho)	LGU - Javier	Urban	2	826		;	347	<u>.</u>	Į.	-	2.280	470	822	
Not Applicable         Total NA.         N.A.         N.A.         702         149         70         1.54         289           LGU - Kananga Urban II Total WS         I.001         N.A.         N.A.         N.A.         N.A.         1.154         289           Not Applicable Urban N.A. NA. NA. NA. NA. NA. NA. NA. NA. NA			Kura	5	ō	'n	2	94	5	)	•				
Not Applicable         Urban N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A			Total	Ś	4.39								+		
Total   N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.	Julita	Not Applicable	Urban	¥ 2	Ϋ́Ā.			ć	-	ş	-	21.03	.255.	Ç	
Total   Tota	· ·		Rural	N.A.	N.A.	Ä.	Ϋ́,	70/	64	5	7	1 2 2 5	<u>.</u>		•
LGU - Kananga         Urban         1: 154         289           WS         Rural         1: 0134         389         1: 154         289           Not Applicable         Urban         N.A.         N.A.         N.A.         N.A.         N.A.         1: 170           LGU - Leyre         Urban         1         786         N.A.         N.A.         N.A.         N.A.         702           Not Applicable         Urban         N.A.         N.A.         N.A.         N.A.         N.A.         11: 58           Not Applicable         Urban         N.A.         N.A.         N.A.         N.A.         N.A.         S&I III         58         I A,803         I J.201			Total											- }	
WS         Rural         1         1,913         No           Not Applicable         Urban         N.A.         N.A.         N.A.         652         127         65         1,170           Rural         N.A.         N.A.         N.A.         N.A.         N.A.         702         1,170           LGU - Leyre         Urban         1         786         N.A.         N.A.         702         702           Not Applicable         Urban         N.A.         N.A.         N.A.         N.A.         N.A.         111         58         4,803         1,201           Rural         N.A.         N.A.         N.A.         N.A.         N.A.         884         111         58         4,803         1,201	Kananga	LGU - Kananga	Urban	<u>-</u>	7,140		-					1.54	8,	·	-
Total   2 9,033   1,170   1,		SM	Rural	:: 	1,913		2						) }	·	
Not Applicable   Urban   N.A.   N.A.   N.A.   652   127   65   1   4,678   1,170			· Total ··	r a	9.053								***************************************		
LGU - Leyre   Urban   1   786   59   57   1   2,809   702   702   702   702   702   702   702   702   702   702   702   702   703   703   703   704   705	La Paz	Not Applicable	Urban	Y.A.	N.A.	1.			•	•	-	ě	<u> </u>	3	_
LGU - Leyte   Total   1   786   SP   No   566   SP   1   2,809   702     Total   2   SP   NA   SS4   111   SS   1,201     Total   N.A.   N.A.   N.A.   SS4   111   SS   1,201       Total   N.A.   N.A.   N.A.   SS4   111   SS   1,201		:	Kural	- V.V.	N.A.	Y.	Y.Y	652	127	ç	_	6.0°†	5	Š	-
LGU - Leyte   Urban   1   786   8P   No   566   99   57   1   2,809   702     702			Total		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								-		
Not Applicable   Urban   N.A.   N.A.   N.A.   S84   111   58   4.803   1.201   1.201	ovie	LGU - Levie	Urban	-	786				****** **	1					-
Total   2   807     N.A.   N.A.   S84   111   58   4,803   1,201			Kural	1	. 21	д, С.	2	. 995	8	Ľ.	-	1,80%	 0	  	-
Not Applicable (Urban N.A. N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. 1201 (Rural N.A. N.A. N.A. 1201 (Rural N.A. N.A. N.A. 1201 (Rural N.A. N.A. N.A. N.A. 1201 (Rural N.A. N.A. N.A. N.A. N.A. N.A. 1201 (Rural N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A			Total	7	807								-	-   -	
Real NA NA NA NA NA NA NA NA NA NA NA NA NA	MacAnhur	Not Applicable	(Irban	ν.Α.	N.A.					3	-	505	- 0	(3.5)	-
	<u> </u>		Kural	N.A.	X.	V.V.	۷. ۲.	<del>,</del>		ę.		:: (7)	10.11	<b>~</b>	
			- O(5)					-							

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Table 8.6.1 Urban Water Supply Facilities Required by Target Year (Cont'd)

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Name of Name of Mane of Mane of Operating Body Mahaplag Not Applicable Manag-ob LGU - Matag-ob WS	Reference o	Reference on Expansion of Existing Level III System	Existing Leve	1111 Sweer	ŗ		Phase I (2004)	Phase I (2004) Requirements		۵.	have II (2010	Phase II (2010) Requirements	
cipality/City			000			4-		Daily Average	Number of	-		Daily Average	Number of
	·	Area Barangay p	Served	Type of Water Source	Plan for Expansion	Additional Number of Population House to be Served Connections		Water Demand (m <sup>3</sup> /dav)	<del></del> -	Additional Number of Population House to be Served Connections		Water Demand (m²/dav)	Spring Dev't./ Deep Well
		Urban N.A. Rural N.A. Total	y y	V V	NA	542	26	5.4	-	3,499	878	350	
) -		Urban 3 Rural 4 Total 7	386 1,435 1,821		No	611	221	19	r-	3,868	967	387	
Matalom WS		Urban 3 Rural 3 Total 6	3,020	Sp	o N					712	87.	7.	_
Mayorga Not Applicable		Urban N.A. Rural N.A. Total	N N N	N.A.	N.A.	331	69	33		2.113	528	23.3	••
Merida L.GU - Merida		Urban 1 Rural 1::- Total 2:			No O	884	£21 -	64		786	76:	6.	·
Menda WD		Urban I Rural I Total 2	1,863		°Z.						·— — ·— · •		
Municipal Total	1	Urban 2 Rural 2 Total 4	2,391							V and a safe de Paul V a de l		t	
Palo Levie Metro WD (b)	1	Urban 11 Rumi Total 11	17,659		V.					11,000	2,750	1.100	r,
Palompon WD	٠,	Urban 10 Kural 3 Total 13	3,050	DW/SP	oN o	1.767	370	771		8.959	2.240	968	e4
Pastrana Levie Metro WD (c)		Lirban I Rural 3 Total 4	86 2,150 2,236		X.X.	463	83	46		3,241	810	324	
San Isidro Not Applicable		Urban N.A. Rural N.A. Total	N.A.	N.A.	N.A.	818	184	<u>ي</u>		5.853	1,463	\$88	**= ===================================
San Miguel Not Applicable		Lirban N.A. Rural N.A. Total	V V	N.A.	N.A.	473	\$6	\$ - #	-	3.134	3%	313	

Table 8.6.1 Urban Water Supply Facilities Required by Target Year (Cont'd)

	12.000.000	P. C. C.	I to not some	Viction I ave	iction I avel 111 System			Phase I (2004)	Phase I (2004) Requirements			Phase 11 (2010	Phase II (2010) Requirements	
	Keleren	נג נווו ניא	Kelerence on Capanalon of Car	The state of the s					Daily Average	Jo Jaquins	4 44 (2 2 2 2 2 )	No. of Base	Daily Average	Number of
Jo ome V	] <del>•</del>		Coverage	re in 1998	Type of	Ding for		Number of	Water			Number of	Water	Spring
Municipality/City	Name of Operating Body	Area	No. of Barangay	Served	Water Source	Expansion	Population House to be Served Connections	House	Demand	Dev't./	Population to be Served	House	Demand (m³/dox)	Dev't./ Deen Well
			25,550											
Santa En	Nor Applicable	Urban		ď,		_			•		;	-	F	-
,		Rurai	V.V	V.V	Y.Y.	ď Z	332	3		-:	1	086	*	-
		Total												
(1) and (1)	Not Applicable	/rhan	Ś	A.Y.										
1 adango	and the same	N N	Ž	ζz.	Ý.	Ś.Z.	7:0	<del>\$</del>	Γ.	~-	610.4	1,162	465	
-	:	Leg										-		
				881										
Табоптабоп	Leyte Metro WD	Croan		001		7	148	 6	5.5	-	2.034	\$08	203	
	ε	Kura						2	:		-			<u> </u>
		Total	-	188										
Transfer Oliver (Oursell)	W Owe Marro WD	ncd-1	12	160,163								-		-
		Kura		3	Surf	Š.	28,754	5.295	2.875	ব	65.507	16.377	6,551	э -
	<u> </u>	To L	2	160,163										
		2		2011										
Tanauan	Leyle Metro WD	i can			-			415			13.812	3.55	38:	
	(o)	Rural		3,575			1011	Ci <del>t</del>		•	*10.00			
		Total	9	3,718	i i									Ī
Tolosa	Levte Metro WD	Urban	2	1.635							:		:	-
	· (5	Rura	7	3,383		Ž					<u> </u>		 	-
	:	Total	٥	5,018										
		1 1 1		81.4										
Tunga	Metro Cangara	Rural		154		X.	707	Ξ	12		3,815	250	382	
	(a) <b>a</b>	Total	7	2,792										
Villaba	Hinahiivan	Urban									:			
		Rural	-	009	S	o X	463	2	3	_	1,439	360	<u> </u>	,-
± <b>1.</b> ±	:	7.otal	_	009								,-,-		
	Pob. Del Norte	Urban		626										
		Rural			SS	9.								
		Total	-	929										
	Pob. Del Sur	Urban		671				_						
		Rugi			S	2 N								<u></u>
		Total	-	071			:		-					
•••		T. Phon		00%				. :	-				•	
	Municipal Total	2		000										·==:
		Total	<u> </u>	2,200										
		Lirhan	189	253.870										
	Transit		5	12   13			62,357	11,953	6.234	œ.	177,406	301 SS	27.74	ç.
regyinçtal Lotal	Local	Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	307.003										
				, and a second										

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Table 8.6.2 Plan for Expansion of Existing Level III Systems

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				Additional Water	Water
		Additional Areas	Additional	Sources	sa
Name of Municipality	Name of Operating Body	Barangay to be Covered	Population to be Served	Type	Capacity (m³/dav)
Abuvoo	Abuvog WD				
Babatneon	LGU - Babatugon				
Barugo	Metro Carigara WD (c)				
Bato	Metro Hilongos WD (c)				
Baybay	Baybay WD		:		
Burauen	LGU - Burauen WWS				
Calubian	Calubian WD		:		
Carigara	Metro Carigara WD (a)				
Dulag	LGU - Dulag:				
Hilongos	Metro Hilongos WD (a)	:			
Isabel	Isabel WD		:		
Jaro	Jaro WD				
Javier (Bugho)	LGU - Javier				
Kananga	LGU - Kananga WS				
Leyte	LGU - Leyte				
Matag-ob	LGU - Matag-ob WS				
Matalom	Matalom WS				
Merida	LGU - Menda				
	Merida WD				
	Municipal Total	:			
Palompon	Palompon WD				
Tacloban City (Capital)	Leyte Metro WD (a)				
Tolosa	Leyte Metro WD (g)				
Villaba	Hinabuyan				
	Pob. Del Norte				
	Pob. Del Sur				
	Municipal Total				

Table 8.6.3(a) Rural Water Supply Facilities Required by Target Year

Name of Municipality/City	dao													
Municipality/City	•	=			Live	i.			-	-	รัง	r isas		
	Number of	No. 0f	Z	umber of	Number of Deep Wells		10.01	Total		Number of Deep Wells	Deep Well		Shallow	Total
	System	Communal Faucets	#0#	80 m	120 m	Sub-total	Wells		40 m	₩ 08	120 m	Sub-total	Wells	
TO COMPANY				S1-		15	<b>1</b>	60		. 75	2	75	176	5.5
A 15.000								Ĺ	251	-		152		~~
A 16 com		T	12			. 12	27	(9)	946	. 9		46		15.
Ducia					-	×	17			9		977		11.
Racathyon			00			20				20	_	861		861
Вагико		10	,							4		214		7
Bato	•	//							1,50			366		1
Bavbav	-												1	
Burnam	7.	691								2		2		Ž,
Column		1		94		940	11	23	7	308		308		38
anolan.									-	87	~	28		55.
Сароосан									178	8	ŀ	178	o.	197
angara									126	9		1261		
Dagami				֧֧֓֟֟֝֟֟֝֟֝֟֝֟֝֟֝֟ ֓֓֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֡֓֜֡֓֓֡֓֡		-			7.1	12		1/2	7	
Dulay				-										•
Hilongos	-	20	47			47			70	0		92		7
Hindany									-  -	2		7		*
nonacon	٥	0%							0	5		951		<u>.</u>
r a ka			:						\$	0	:	09		150
	-	20	24			24	5	52	9 . 249	6		249	62	313
dio.										ľ		87		145
lavier (Bugno)				1		3		14	25.02.52	93		£6	:	- 43
en la				1					-	228		228		2%
Nananga	٥	27								٩		10	36	130
La raz		3	ž			36	:	30.00	0 180		,	081		<u>Ş.</u>
CAIC			3	Ų.		9	ŕ	12		203		203		33
MacArtinut	, ,	2 9			V-1						XO1			219
Mahaplag	.,	2								-				×.
Matag-ob									137			67.1		1
Matalom		Ç							1	35				Ç
Mayorga												33	V.L	1
Menda														؟  !
Palo								:	72	2		7.1		0.7
Palomoon			39			30	92			51		305	202	Ş
Detroop			81			81		81		4		154		7
for deal				92		30	20	\$0		162		167		187
San Islaro	ŀ	Ç	F				2.			*		25		8
San jargues	,								7	1	1	12.	7.4	. 107
Santa Fe		,						Ç		¥		77	-	23.1
Tabango		2		1		1	2		10			ō		9
Tabontabon			90			,   	,							,
Tacloban ('ity (Capital)						4	27.	31	52	2		5		3
Tananan			37			37	3	<b>寸</b>		2		182		202
1100011									27	2		::	- 33	7
101083			P			4	1	73	Ì			7		7
ាញ់ របស់							T						X71	XT
														1

Table 8.6.3(b) Rural Water Supply Facilities Required by Target Year

			i								Phas	Phase II (2010) Requirements	Geauireme	Se		
-			Percentac	Percentite Allocated to Public Facility (50%)	o Public Fa	cility (50%	,			ď	rcenatie /	Percenage Allocated to Public Facility (50%)	Public Fac	ility (50%)		
Name of		Percent	reentage A	Percentage Allocated for Public Wells (90%) and econtage Allocated for Public Spring Development (10%)	Public We	ells (90%) : Sevelopmer	und 1t (10%)			Percenta	centage Al	located for id for Publi	Public Wel c Spring De	Percentage Allocated for Public Wells (90%) and Percentage Allocated for Public Spring Development (10%)	(10%)	er in de
Manufalbanes/Curs		Number of Deep Wells	Deep Wel	<u>s</u>	No. of		No. 01	Grand	-	Number of Deep Wells	Deep Wells		No. of	Total	No. of	Grand
	# 07	E 08	120 m	Sub-total	Shallow	1010	Spring Dev	Total	40 m	80 m	120 m	Sub-total	Wells		Dev.	Total
					L	.22	ь_	25		34		7,4	78.	112	13	125
privor									=			- 3	121	125	7.	130
Jangalang				4	17	81	7					17	481	69	×	7.7
Albaiera								01				7.3	31	75	Q	5X
abamyon	† !			-								8		68	10	8
laringo				2			•	ŀ	90			96		8	Ξ	107
lato									91			118	12	17.	4	142
Saybay		-								47		×7.	×2	1	2	101
Surauen						*		۶		3		1 04 1	3		61	193
alubin				1						=		13	Š		1	0
apodeun									×	Į,		2		68	101	ક્ર
ละเรอาร									47			Ş			7	70
Jagami				ľ		,		0		9		01	1	ŀ	14	37%
Aulay		e		1		٦	-	**	95		ļ	02		ĺ	=	100
hiongos	17.					67		2	· ·			2				2
Indang			7	5					2 6				ļ	\ \frac{1}{2}	10	Š
nopacan		;							3 7							· [v
cabel			;											9		1
arc	=		£	=	[*]			-	71				1	1	Ī	F
avier (Bugho)		100								3		1		3 5		ţ
lohta		~	9	٩		3		^		7.		7				
Cananga										3 ;		co.		1	2	1 1
n Paz									3	•		7	, 0	8 8	. 2	į
cyte	-2			17		8				8		50			2	362
MacArthur	_	1	4	4		1	-	D		<u>'</u>	S					10
Mahaplog				,						ľ				1	9	2
Matag-op									٤			[3			*	9,0
Matalom										2		×		31	ſ	F
Mayorga									8			\ <u></u>		49	7	4
Venda									1	-		12		ĸ	ē	દ
alo					-		ľ	11				82		229	157	7.7
Jalonupon	81			,		2 2			69			3		3	×	1.1
-astrana	8			0 7						131		150		2181	2	Ş
san Isadro			7			ľ								34	17	4
San Myric		-			ľ			0	ľ			ľ	2	167	7	Ž
Santa Fe								Ċ		-		5		101	Ξ	-
Tabango												F		22	-	7
Tabontabon	7			1			ľ								-	Ē
Taeloban City (Capital)		-			-			İ				70	o	ļ	Š	Ē
Тапацай	2			2		-			6				. 0			1
Telusa	:			3					0 6			2 9	2	وَ وَ	1	
1360				-		61			2	:		2		<u> </u>	1	
Villaba				:								ľ	70	, i		
Provincial Fotal	128	4 02		701	(X)	3,36			/ 1977	35	Š	6 .	Z .	1000	()()	744

latter, it is very useful to bores in the boulders or cobbles formations. Thus, the drilling equipment of percussion type is recommendable to be selected in the PW4SP preparation.

(

# Medium size percussion drilling rig (truck-mounted type for deep well):

# Average performance

- I well/30 days (5 m/day of drilling rate with finishing work)
- Annual accomplishment
  - 9 wells/year (365 days/year ÷ 30 days/well x 0.75)

#### Required number

5 sets for the total 197 deep wells

# Well rehabilitation equipment:

Average performance

- 1 well/7 days (well redevelopment and finishing work
- Annual accomplishment
  - 39 wells/year (365 days/year ÷7 days/well x 0.75)

#### Required number

- 1 set for 10% of 197 Level I deep wells

#### Support vehicle:

Type - pick-up truck with winch, double cab Required number

I unit for well rehabilitation

Considering the utilization of existing percussion/rotary drilling rigs, it is necessary for the province to procure/mobilize 2 units of medium size percussion rig for the medium-term development plan. Likewise the following equipment shall be considered for medium-term development plan to meet the physical targets:

- 1 set of well rehabilitation equipment for 10% of deep wells (at least 1 set shall be held by the provincial government); and
- I unit of support vehicle for well rehabilitation.

In addition to the above, one unit each of service truck equipped with crane is required for a percussion rig for hauling drilling tools and water for long-term plan.

# 8.6.2 Sanitation

Table 8.6.4 Urban Household Toilets Required by Target Year

			140	(2004)	Panniroment	ent.			:		Phase II	(2010)	Kequiremen	(3	
Name of	7	HH lenois	-1 -			No. of HHs	of HHs to be Server	3	Addi	Additional HHs to be Served	be Serve		V.	티티	
Municipality/City	4	Post Clark	VID/ D.V	Total	Finch	Pour Flush	VIP/Drv	Total	Flush	Pour Flush VIP/ Dry	P/ Dry	Total	Flush Po	Pour Flush VIP/ Dry	Total
		100	N 5		Ħ		\$3		ç-			677	1.677	-	1.677
Abuvog	(30)		14	3	609	:	34		560	436	·	531	1,095	436	1.531
Alanyalang	002		2.4		661		24	423	503	06	-	593	5031	106	£(65)
Cohema	14		3,		411		25		677	253		930	677	253	930
Dabamgon	100		1		103		.7		554	198		752	55*	861	752
Burugo	3		. X	×c		:	28	33	816			918	816		816
Sario	288		3 X		1 046		7.8		1,630	309	-	666	1,6301	309	1.930
Bayoay	2 2 2		3		728			:	1,323	460		1,783	1.323	100	(3/)
Burauen	oce	77		ÇŞ	10	42		52	55	22	-	79	57	::	70
Calubian	2	*		7.					766		1.5	766	100/	: :	766
Capoocan	1			200	700		1 1	75.7	067	222		189	1296	222	1.180
Carigara	45.7	^	1		377	, ,			OCF			0.7	120		8.4
Dagami		152	4 6			7C		3 6	0.00			2 070	2 970		2.970
Dulag		:	5						101	1.00	1	7.5	107	7.47	Į,
Hilongos				33			3		CO.	7,7	1	1 110	236	06	326
Hindang		5.4		4		55		ź	QC7	90		2/7	007	00	
Inopacan	132	Ī	8		132		1.0		205			4/7	:07	60	1/7
isahei		7007	9			200		750	1,092	249		1,341	1.002	249	ă Z
120001	COS	ľ		1.0	390		24		484	82		506	. 484	82	560
varo	1		2		63		0		270	101	-	371	270)	101	331
Javier (Bugno)			2		70		8	107	0.7	128		\$58	430	128	558
Juinta	7		9	7,1	2 8				004	18		799	609	.061	82
Kananga	192			761	76				105	140	-	577	407	44	3
La Paz	250		-2	205	250		C		502	3	1	, ,	3 5		1,00
Leyte		505		505		505		SOS	437		1	154	1		j G
MacArthur	210	1		210	210			210	442	23.7		600	4	411	86
Mahaplay	78	148		226	78	48		226	304	108		2.12	304	861	1
Matag-ob	153			275	153	721		275	355	107	-	503	355	107	9
Matalom	XX		13	101	88	17	. 13	101	229	13	-	242	229	13	362
Mayorga	92	011		246	136	110		246	163	23		186	163	23	186
1400 de	24	C	31	:	24	71	15	1	208	-		208	208		20%
Dale		7.476				2.676		2.758	2,149	677		2,898	2,349	749	2.898
0.00				47				-	1,424		ļ	1,424	1,424		1,424
Destroy			OI.				<u></u>		427			427	427		Ç
Con le des	1005	×	1.		362	90	1,1		455	80	-	\$35	455	80	535
Sea Manal	1			=			Ξ		142			442	717		7
San Miguel	561	1.1	×		1771	111	30		201	69	-	270	∵107	66)	270
Tologram	736		7	202	286			303	370	75	<u></u>	<b>.1</b>	370	7.5	115
Tabango	421		4		35		90		1771	33		210	1771	33	210
Jacontabon Sections	2	1.66 61	67.7	-	: :	277.51	9	13	20,713	9,975	-	30,688	20,713	9.975	30.088
racionali City (Capital)				50			: .		1906		-	906.	1,906		1.906
Telene	5		3		8	71		82	121	25		140	121	33	9
r olosa	*0	176		33.5		145	-	158	535	309	-	344	338	309	Į
i unga	ČS.			356	83	1.33		951	348	57		303	246	LS:	Ç)
	100	. 7.1.	75.	017.75	1006	127.74	1 570	26.318	1.9.87	15.3021	-	63.9134	1.0.61	15,302	63.913
Frovincial 10tal	1,00°,	1.7.7.1	0/01	20,2	20.7										

Table 8.6.5 Rural Household Toilets Required by Target Year

				1 1/00/01 1	O.C. isamo	1					Phase II	e 11 (2010)	Requireme	nts		
Name of	-	A 14 1 14 14		1,000	No.	No. of HHs to be	be Served		Add	Additional HHs to	to be Serv	Jed.	9	to, of HHs to be Served	be Served	
Municipality/City	7	Additional may to be		1000	Fireh	1	Fluck VIP/ Dry	Total	I lush	Pour Flush	VIP/ Dry	Total	Flush P	Pour Fluch VIP/ Drv	1P/ Drv	Total
	r luxh	Flush Four Flush VIP		1001		910	282	200		2.850	150	3,000		2.850	150	3,000
Abuvos		0	C87	207		CFS	53.5	2.083		4,345	520	4.574		4,345	922	1.574
Alangalang		,×47	230	7,082		0,1	700	0.5	-	2233	-	2,350	_	2.233	11.	3.50
Albuera		313	220				2	1		999	ō×	37.		1069	8	1.70
Babatnyon			1.8	=			37		ryc	2025	1	2.620	1292	200	12	0.79
Barugo	59	_	165	1.433	3	. IO3	6 5			3 1 6	7	0%		7717	7	3768
Bato	:	877	186	.063		8//	001	200		2,130			10%	92,7 0	1716	17.
Baybay	-		265	297			100		8	75.23		1	1.04.	27.5		7,56
Burnings	747		324	971	B	-	324	971	200	3,702	8 7	3.50	ş.	70/		2
Duraden	75.7	75.5	, OC	2.466	0,5	1.534	292	2,466	ģ	4.286	252	5.042	205	4.286	27	3. 3.
Calubian	3		7/7	102	į į	204	195	162	597	2.251	132	2,688	265	3,251	132	2.048
Capoocan	3		6	1,77	\$1.5	340	269	21.74	338	2.873	691	3.380	338	2.873	1691	3,380
Carigara	515	-	503	47.17	2	7	à	246	100	1 262	170	1073	207	702	100	2.073
Dagami	388	766	194	N. T.	383	100/	* 6	9		2000	5	g		870	9	866
Dulay	<u>L</u> .		108	108			όΛ	IVO		2	1	3	tric.	1	105	3.75
Mail Consults		1.485		1.485		1.485		1,485	377	5.203	25	1,00	3/1	507	Že,	\$ <b>!</b> !
1111-42-411			118	118			118	. 118		624	33	657	1	624	<u> </u>	ŝ
Xupout Li		478	CY	010		478	152	630		1,991	105	2,096		1.993	:021	3
Inopacan		070	710	2.476		. 3.260	216	3.4.76	ŝ	1,774	2	2,087	209	1.774	3	2.087
isabel		007.0	0.0	200		010	800	316		1977	104	2.081		1,977	†0.	1.051
Jaro			400	0,4,10		200	2	711	, v	2.461	163	2.855	251	2,461	143	2.855
Javier (Bugho)	362	2		3,111	700	7.743		3:111	3	1	3	1 167		901	35	167
Julita		299	80	379	4	ŝ	2	٧/٢		S	?	200	235	2 202	Ž	
Kanapas	339	2 766	276	1,381	339	766	276	1.381	388	3,303	2	5.330	82	cocc	2	
1 . Dot		L	120	120			120	120		1.649	87	1,736		600		\$ 6
1 41.50		4 000		4.099		660.7		4,099		2.849	150	2,999		0,8,5	2.	3
Levie		202	80	404		865	86	969	11.	3.028	9	3,188		3.028	160	38
MacArthur		2000		301		102		2 391		1.943	103	2,046		1.943	503	36.1
Mahaplag		7		707	976	7.4		Š	34	1.428	3	089	×91	.428	3	089.
Matag-ob	240	4		0K7	A#7		100	100	12	02.5	ê	28	\$	67.5	င်	1857
Matalom	301		183	484	301		3	Š.	ne t	1,50	13	27.0	-	23.4	3	1
Mayorga	_	116	17.11	116		1 10		0		1, 2	2	1000		004	3	787
Merida	81	-	161	372	181		6	372		3	,	oo.				
oled			217	217	~		217	2.17		2.505	3	-C0-7		+		
Polomon		740	376	2,116		1.740	376	2,116	2	3,653	8	3.98		5.05.	3	
Deciman			105	9		11.0	501	501	394	1,350	92	1.836	350	1.350	3	Ş.
Fastigna Sec. 1. dec		1 262	286	1 538		1.2521	280	1.538		3.430	181	3.611	-	3,430	<u> </u>	3
San Isidro		25.5	10	7447		354	93	147		1,238	\$0	1.303		1,238	0.5	1.03
San Miguet		į,	301	ΥP		0.	901	145		1.521	08	1.601		1.52:	8	3:
Santa Fe		207	25.6	740		1,606	03.0	920		2.613	137	2.750		2,613	137	2.750
Тэрануо		0.00	057	0.5		0,0	44	12		429	21	154		67.9	13	451
Tabontabon		60	1	700.		3116	36	3 206		3.382	170	3.561		3,382	621	3.561
(Tacloban City (Capital)		Î	1/8	3,270		0	72.	96,9	076	2110	1	.07	01.5	6117	125	10
Tonouan	46		977	828	101	3 0	00.4	C70	3	000		0,00	90	606	V	880
Tolosa	203		-	76.	×0.3	À,	1	701	2001		ŗ   <	383	3	202	S	13
Tunga		-	7.5	79		SC	47	λ.	00		2	, 00.0	3,	1998		1
Villabo	<b>75</b> 5	14	256	488 488	\$54	74	252	Ž.	€	7,300	1531			000		
Provincial Total	901.5	36.	886.9	48.967	968.3	36.583	6.988	48,967	6.196	91.5221	Y 1481	102.866	0.196	7.5	140	
		۱									i					



Table 8.6.6 Public School Toilets Required by Target Year

	Phase I (2004)	Requirem	ents	Phase II (2010)	Requirem	ents
Name of Municipality/City	Additional Public School Students to be Served	No. of Toilet Unit	No. of Tollet Facilities	Additional Public School Students to be Served	No. of Toilet Unit	No. of Toilet Facilities
Abuyog	3,896	98	20	4,942	124	25
Alangalang		J		3,594	90	18
Albuera	2,947	74	15	1,473	37	8
Babatugon	2,172	55	11	2,337	59	12
Вагидо	2,477	62	13	4,705	118	24
Bato	2,872	72	15	904	23	5
Baybay	6,832	171	35	9,032	226	46
Burauen				3,618	91	19
Calubian	2,369	60	12	2,005	51	11
Capoocan	2,244	. 57	12	1,105	28	6
Carigara	1,833	46	10	1,254	32	7
Dagami			l <del>.</del>	1,122	29	6
Dulag	1,214	31	7	772	20	4
Hilongos	2,320	. 58	12	774	20	4
Hindang	1,231	31	7	739	19	
Inopacan	1,314	33	7	347	9	2
Isabel	3,177	80	16	3,854	97	20
Jaro	2,832	71	15	3,719	93	19
Javier (Bugho)	1 111	- <del></del>		2,057	52	I
Julita	1,219	31	7	1,508	38	
Kananga	2,953	74	15	3,532	89	
La Paz	1,871	47	10	442	12	<del></del>
Leyte	3,637	91	19	4,102	103	
MacAithur	1,640	41	9	2,780	70	
Mahaplag	2,156	54		3,170	80	·
Matag-ob	1,517	38			53	· •
Matalom	2,161	55		2,032	<u> </u>	`{ <del>-</del>
Mayorga	982	25		1,291	33	7
Merida	, , , , ,		<del>                                     </del>	957	2/	
Palo	2,329	59	12	4,690	118	. 1
Palompon	2,439	61		4,093	103	J
Pastrana	1,507	38	1	<del></del>	62	- <b></b>
San Isidro	2,498					
San Miguel	1,472	37				<u> </u>
Santa Fe	1,402	36		<b>4</b> ·	31	
Tabango	1,702	<del>ا</del>	├ <i>─</i>	1,508		
Tabontabon -	640	16	4	1,500		1
Tacloban City (Capital)	4,243			11,350	28	57
Tanauan	7,243	<del> '</del>	<del> </del>	2,053		
Tolosa	<del> </del>	- <del></del>	<del> </del>	413		-1
<del></del>			<del> </del>	364		
Tunga	2,452	62	13	1		
Villaba Provincial Total	76,848					

Table 8.6.7 Public Soilets Required by Target Year

		Phase 1 (2004)	Phase I (2004) Requirements			107) 11 (2017)	According to Design Today	
		Number of P	Aumber of Public Toilets			Aumilier of	Sumber of Public 1 offices	
Same of retained particular to	Public Market	Bus/Jeepney Terminal	Parks/ Playground	Total	Market	Terminal	Playground	Total
Abuyog								
Alangalang								
Albuera								
Babamyon								
Bartugo								
Bato								
Raybay								
Burnen								
Calubran Calubran								
Capcocan								
Сапуата								
Dagamı		_						
Dulag								
Hilongos								
Hindang								
Inopacan	. !							
sabel	1			-				
Jaro								
lavier (Bugho)								
Julita								
Kananga				٤4				
La Paz								
evie								
MacArthur								
Mahaplag								
Matag-ob								
Matalom								
Mayorga								
denda								
zalo								
Palompon								
Pastrana								
San Isrdro								
San Miguel					-			
Santa Fe								
Гарандо								
Таронтаров						-		
(actoban City (Capital)								
โอกลนลม								
- Polosa								
Funga	_							
Vidaba								
				•			•	

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SECTOR IMPLEMENTATION ARRANGEMENTS

C



# 9. SECTOR MANAGEMENT FOR MEDIUM-TERM DEVELOPMENT

# 9.2 Sector Management

### Accessing ODA Funds for Level III Systems

When considering sources of financing for new Level III systems or for existing Level III systems that are expanding, LGUs may tap their IRA or they may borrow funds from commercial or ODA institutions. In the case of LGUs that have formed a Water District to operate their system, a ready source of loan funds is the LWUA.

This section discusses how an LGU can access funds from an ODA agency in order to develop its Level III water system. It is presumed that the proposed Level III project has gone through the Project Development process stipulated by the NEDA in Rule 7, Articles 24 - 26 of its IRR of Board Resolution No. 4 (Series of 1994), Clause (G). Specifically, the proposed Level III project must be consistent with the Provincial/City/Municipal Water Supply, Sewerage and Sanitation Sector Plan that has been prepared and annually updated by their respective Planning and Development Office(s). On the basis of these local council approved sector plans, water supply investments will have been identified and developed into a local investment program that includes an appropriate financing plan.

It is worthwhile to reiterate the following NEDA prescriptions regarding project identification:

- "proposed investments shall be developed according to a demand-driven approach
  that would allow beneficiaries to select from among cost-effective technical options
  and from financing options. The LGUs may avail of technical assistance from the
  DILG in the preparation of these project packages (Rule 5)."
- "LGU systems shall be constructed on the basis of choosing among technical options that are affordable through the financial resources made available by users, communities and LGUs. The process of determining demand for a particular service delivery shall be concluded through a negotiated agreement between the LGU, water utility and the users, on how the costs will be shared at the town, barangay, and household levels."
- "for any Level III service, at least two technical options shall be explored: those of an inter-LGU service delivery organization involving amalgamation of service areas and of single LGU management systems."

### (1) Project Initiation Stage

Based on their respective approved water sector plans, the province/municipality proposes a specific Level III water system following the NEDA guidelines on project identification. The provinces and component municipalities may submit their respective project proposals for ODA funding to the DILG. The DILG examines such requests and ensures that they are in conformity with the NEDA's Medium Term Public Investment Program (MTPIP), a master list of projects from which ODA agencies can select specific projects that they can fund. From the MTPIP, the ODA loan agency prepares its own short list of potential province and municipality beneficiaries/ grantees of its loan program. The ODA loan agency then proceeds to conduct its own feasibility study concerning its loan program and discusses this extensively with both the NEDA and the DILG (since the DILG will be the implementing agency for the ODA loan).

While the DILG is designated as the implementing agency for the ODA loan program, a domestic lending institution (e.g. the Development Bank of the Philippines or DBP) can be contracted to administer the loan package and on-lend ODA funds to specific LGUs. [Note that the LWUA has served and continues to serve as a conduit for loans to Water Districts.] Under such a working arrangement, the DILG, the ODA agency, and the domestic lending institution affix their signatures on the ODA program loan documents.

The DILG now pre-screens LGUs who have expressed intent to borrow funds from the ODA loan facility. Together with consultants from the ODA agency, the DILG conducts briefings on the loan conditions to make sure that the province/municipality fully understands the financial and institutional commitments they have to make once they contract the loan. The respective local councils (e.g. Sanggunians) deliberate whether they are able to and will partake of the loan. Should the Sanggunian decide that they can meet the loan commitments, they submit an official letter of interest (LOI) to the DILG. The DILG, with assistance provided by the ODA agency, evaluates the various LOIs from different LGUs and selects which specific projects will be eligible to borrow from the ODA loan facility.

### (2) Project Implementation Stage

At this point, the province/municipality with the Level III system project can now sign the loan documents with the designated local on-lending institution. For the construction of the Level III water system, the LGU itself (or the LGU company formed to undertake the project) is expected to bid out the job to contractors from the private sector. The bidding process should be a transparent one with a public announcement of the bidding,

publication of pre-qualified construction companies, and a well-documented decision by the bids and awards committee. During the construction of the Level III water system, the LGU unit tasked to monitor the construction activity should carry out periodic inspections. Final inspection is done upon completion of the construction contract. Throughout the period of the bidding process and actual construction, the DHG can be tapped by the LGU for assistance on various technical and institutional-building matters.

The private sector contractor submits its periodic billings to the LGU. After the necessary inspections are done, the LGU in turn forwards this bill to the domestic lending institution for payment. Given that all documents are in order, the domestic lending institution requests for fund remittance from the ODA agency. Once the funds are remitted, the domestic lending institution settles the bills with the private contractor.

As far as repayment of the loan is concerned, the LGU is responsible for paying the loan since it was the signatory of the loan. Through the operations of the completed Level III water system, the LGU is able to collect the corresponding tariffs from the different consumer households. From these revenues, the LGU re-pays the loan capital and interest to the domestic lending institution, which in turn remits these proceeds to the ODA loan agency. This process is repeated throughout the term of the loan.

### 9.4 Project Management Arrangements

### 9.4.1 Project Approach/Strategy

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### Integration of Waterworks

The province may also initiate the establishment of an Integrated Waterworks (IWW) facility that will merge the management operations of adjoining municipalities, which have existing or proposed Level III water systems. This may not necessarily involve the integration of the physical facilities because of the distance and sparse location of municipalities, but rather only the management aspect of it. Article 8 of the IRR of NEDA Board Resolution No. 4 (Series of 1994), Clause (G) states that: "An LGU may also consider amalgamating or consolidating its system with that of its neighboring LGUs in order to benefit from economies of scale that could expand water supply services to consumers at the lowest possible cost."

The advantages of an IWW facility are as follows:

Comprehensive water sector planning at the provincial level is facilitated. Investments in
developing larger water sources and reservoirs can be considered at the planning stage (in
the case of municipalities that are in close proximity with each other).

• The overhead cost involved in maintaining and operating a large waterworks system can be reduced since redundancies in equipment and manpower resources will be eliminated. Municipalities will no longer have to purchase and maintain their own waterworks construction equipment. As a result, there will be greater utilization of such equipment. Engineering and management staff that are currently needed to run the municipal waterworks system can be transferred to other functions.

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- The province will be able to hire and retain professional engineering and management staff who will assume greater responsibilities and duties. This will eventually translate to a higher level of service to the communities served by the IWW facility.
- Access to loan funds (from both ODA and commercial sources) for the construction of
  the waterworks system will be easier since the lending institution will deal with a single
  entity. Lending institutions prefer such a set-up since the loan evaluation and the
  corresponding loan monitoring is simpler.
- The IWW facility will be more attractive to more reputable private sector corporations, both local and foreign. The province will be able to generate more interest from private sector players who may want to develop waterworks systems on a BOT/BO/BOO basis or jointly with the LGU. The LGU may also tap these same private sector players to operate and maintain the existing distribution network under any form of contract service, management, lease, or concession.

The organizational structure of the IWW should contain, at the least, 5 sections—Administration, Finance, Engineering, Operations & Maintenance, and a Meter Reading and Tariff Collection unit. The Administration and Finance departments will handle matters related to human resources development, financial planning and control, and other related concerns. The Engineering section is expected to concentrate on water system planning and design. The Operations & Maintenance unit will ensure that the water system is operating efficiently (e.g. minimal system losses) and that water quality is always satisfactory by conducting strict monitoring activities. Any construction activity, including the installation of water meters, will be contracted out to the private sector so there will be no need for a large pool of both equipment and manpower. Water samples can be tested in existing private or government laboratories if the IWW will not maintain its own laboratory. The Meter Reading and Tariff Collection unit will be in charge of the all-important task of determining individual household consumption and collecting the corresponding tariff due. The actual conduct of these two activities can be contracted out to the private sector through a service contract.

The financial and operating condition of the IWW facility should be reported periodically to the provincial and municipal governments. In addition, the rates that the IWW will charge consumers will be set under the supervision of a regulatory authority and any proposed changes should first be presented and discussed in a public hearing.

The success of the IWW facility depends on the full support of the local governments of both the province and the component municipalities. Such support shall be in the form of strengthening the management and engineering capabilities of the IWW staff. Any loan needed by the IWW should be endorsed, and if possible guaranteed, by the LGUs concerned. Initial capital requirements can even be sourced from these LGUs.

## 9.4.2 Project Implementation Arrangements

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### **Project Implementation Arrangement and Procedure**

Together with the Figures (Figure 9.4.1 and 9.4.2), the following are the project implementation arrangement and procedure for Level 1 and sanitation from national level to barangay levels, which are designed to encourage active participation of implementers and beneficiaries in undertaking the project.

### (1) National Government Level

Project Planning/Launching Workshop as start-up activity will be conducted to introduce and orient the implementers on the Project, define their roles, responsibilities and relationships among them and formulate provincial action plans. The Consultant, upon completion of the training needs assessment and development of appropriate training programs shall conduct capacity enhancement for the WSS-PMO Staff, NGOs, DPWH and DOH representatives. This activity aims to strengthen their competence in technical, managerial, training and community organizing and gender responsiveness. The trained members are responsible to facilitate the organization/reactivation of the PWSU and information dissemination for the provincial officials to secure their support and commitment to the Project. With the assistance from the Consultant, they will enhance the capacity of the PWSU, the MSLT and COs/NGOs in planning, implementing, monitoring and evaluating the project.

### (2) Local Government Level

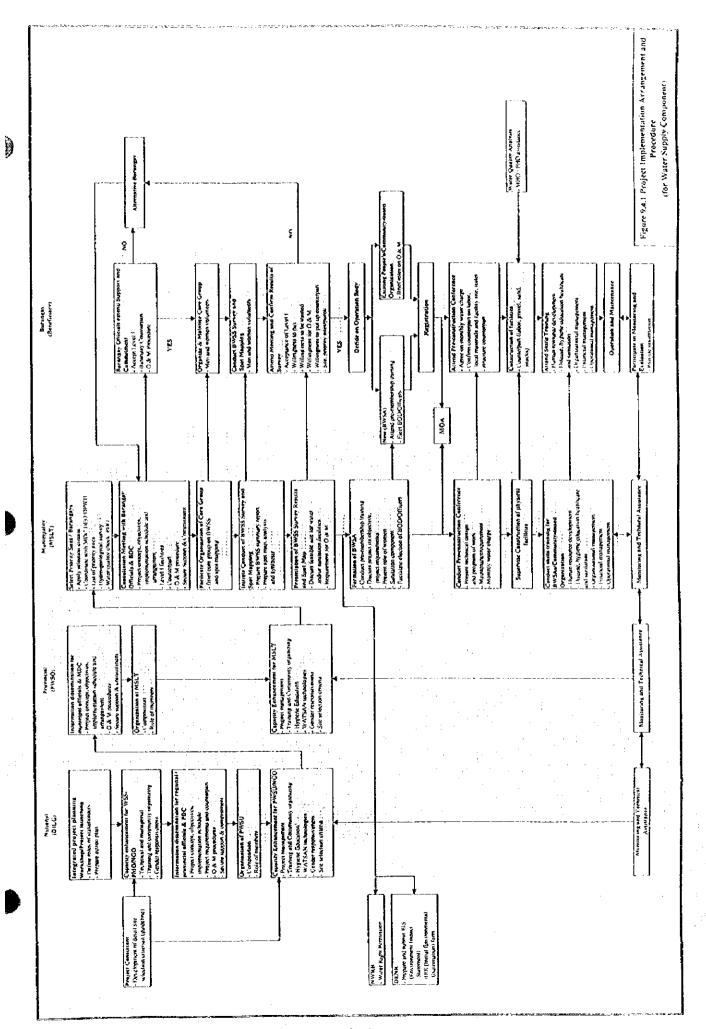
The PWSU shall assist the MSLT in each municipality and conduct information dissemination for the municipal officials to orient them on the project and obtain their support and commitment. With the PWSU assistance, the trained MSLT members shall select priority barangays, in coordination with the municipal development council. The Team will be responsible for facilitating barangay activities such as consultation meetings with barangay officials and community members, barangay survey and spot mapping,

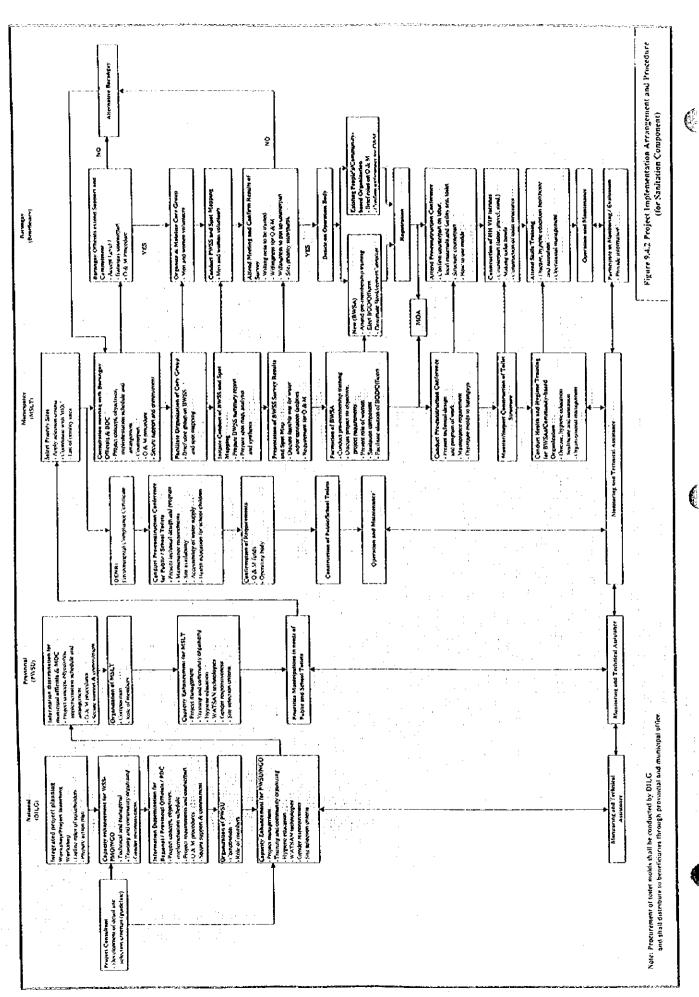
formation of BWSA/RWSA, pre-construction conference, and supervision of construction. Skills training will be conducted for the operating body in maintaining and managing the project. They shall also provide continuing assistance and monitor the activities of the beneficiaries and status of the project.

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### (3) Barangay Level

The barangay officials/development councils shall provide support to the PWSU and MSLT members in conducting activities and mobilizing resources in the barangay. Men and women volunteer shall conduct barangay survey and spot mapping to confirm their demand for the level of service, HH latrines and willingness to operate and maintain the facilities and counterpart. The community members decide on the operating body, tap existing community-based organization or organize a BWSA/RWSA. They have also to agree on the monthly water fees and provide labor and local materials during the construction of facilities. The BOD/Officers, Bookkeeper and Caretaker of the operating body shall attend skills training to develop their competence in performing their jobs. The beneficiaries shall provide information and request assistance from the PWSU/MSLT members, if necessary.





# PROPOSED SITE SELECTION CRITERIA

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Barangay:	Municipality: [	Province:
(I) D 1 It		
(1). Required Iter		
Item No.	Description	Score
1.	No alternative water source except ground water	OK or Not
2.	Acceptance of Level I facility	OK or Not
(2) Technical &	Socio Economical Requirements 60%	
Item No.	Description	Score
1.	Water source availability (quality and quantity)	20%
2.	Incidence of water-borne disease	25%
3.	Accessibility of well drilling machine to water source	ee 15%
	Interest and Involvement	40%
Item No.	Description	Score
1.	Willingness to assume responsibility for operating a maintenance of the facility/ies	nd 10%
2.	Willingness to be trained on O&M	5%
3.	Willingness to pay for water fees	. 15%
4.	Willingness to put up counterpart	10%
(4) Total Score		
Item No.	Description	Score
(1)	Required items	OK or Not
(2)	Physical requirements	
(3)	Community interest and involvement	

# **Proposed Capacity Enhancement Program**

	Activity/Participation	- <del></del> -	Course Content
-	Project Planning/Launching	1.	Project Concept, Objective, Project Requirements, Implementation
	Workshop		schedule and arrangements
	DILG (WSS-PMO)	2.	Role and responsibility of national government agencies, LGUs
	DPWH, DOH, NWRB	l	(provide and municipalities and project beneficiaries)
	NEDA, DOF, OECF	3.	Action Plan by province
	Capacity Enhancement for	1.	Project Concept (objectives, components, requirements,
	WSS-PMO, NGOs, DOH and		implementation arrangement, O&M systems and procedure, etc.)
	DPWH	2.	Sector Development and existing Policies
			Project Planning, Management and Control
			Team Building Exercise
			Presentation and Facilitating Skills
			Methods of Instruction
			Community Organization/Community Development
		6.	Description of Control
			Barangay Surveys and Spot Mapping
			Formulation of BWSA
			Health and Hygiene Education
		11.	Technical Training
			- Designing and Construction
		ł	- Water Source Investigation
		12.	Skills Training for Operating Body
			- Organizational Management
			- Financial Management
			- Operational Management
	·	13.	Gender Responsiveness
			Monitoring
-	Capacity Enhancement for	1.	Project Concept (objectives, components, requirements,
٠	LGUs (PWSU, MSLT,	1.	implementation arrangement, O&M systems and procedure, etc.)
	CO/NGOs)	2.	
	Comoos	3	Sector Development and existing Policies
		3.	Project Planning, Management and Control
		4.	Team Building Exercise
		5.	Methods of Instruction
		6.	Presentation and Facilitating Skills
			Community Organization/Community Development
			Barangay Surveys and Spot Mapping
			Formulation of BWSA
			Health and Hygiene Education
		11.	Technical Training
			- Designing and Construction of WATSAN facilities
			- Water Source Investigation
		12.	Skills Training for Operating Body
			- Organizational Management
	·	1 :	- Financial Management
			- Operational Management
		13	Gender Responsiveness
			Monitoring
4.	Canasity Enhancement for		
١.	- 1	1.	Project concept (objectives, components, requirements,
	Operating body	1	implementation arrangements, O&M systems and procedures, etc.)
	(BOD/Officers, Bookkeeper,	2.	Human Resources Development (Team Building, Leadership and
	Caretakers)		Value Formation)
		3.	Disease, Hygiene, Education, Health Care and Sanitation (Excreta,
			Liquid and Solid Waste Disposal)
		4.	Organizational Management (BWSA Management Skills)
		5.	Operational Management (Operation, repair and maintenance skills)
		6.	
		6. 7.	Financial Management (Simplified Bookkeeping Procedures) Greater Participation of Women

SPOT MAP

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# Instructions for Completing Barangay Map

This sample barangay map is a rough sketch of an entire barangay showing the households, with and without sanitation facilities. The map also shows location, type and condition of existing water facilities and plot location of proposed water sources.

- 1) The map will be used for BWSA planning
- 2) The map can be used as a planning tool to determine best locations for future water sources.

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- The map can also be used to support funding request for other water and/or sanitation facilities.
- 4) The map may also be entered into a national data base.

To make a map of your barangay, use the legend at the bottom of the sample to indicate information and landmarks. Follows these procedures when completing the map:

- 1) Indicate location of highways and road, including name and number of road if any.
- 2) Draw approximate boundaries for your barangay and indicate names of adjacent barangays
- 3) Indicate direction of north line.
- 4) Locate public building, cemeteries, schools, or other prominent landmarks.
- 5) Locate natural land features (like river, rice field, hills, etc.) and animal pens.
- 6) Show households by drawing a clear square.
- 7) Show all sanitation facilities in households by darkening bottom of square.
- 8) Show water sources location and condition by drawing a clear circle for existing water sources, a half dark circle if source is not in operation and a darkened circle for proposed facility. (Proposed facilities should be at least thirty (30) meters away from the nearest latrine and animal pen).
- Show water source type like deepwell, shallow well, spring, etc. Following legend on the map.
- 10) Next to existing facilities, write the distance in meters to the nearest latrine or animal pen. Proposed facilities should be at least 30 meters away from the nearest latrine and animal pen.
- 11) Show kilometer posts along the road by drawing a darkened small square.

### **BWSA Formation**

A BWSA (Barangay Waterworks and Sanitation Association) is an organization of water supply and sanitation beneficiaries in a barangay whose objective is to own, operate and maintain the water systems. RA 6716 requires its formation to ensure the provision of adequate, potable and accessible water supply to its members through proper operation and

maintenance of the water facilities. The organizational structure of BWSA is quite simple and depends on the number of facilities, need, culture and situation in a particular barangay.

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The decision to tap existing community-based organization, merge/consolidate with the existing water association or to form a new association is lodged with the community members. Should the decision is to form a new association as operating body of the facilities, it shall be known as BWSA.

The formation activities of the BWSA are divided into three phases: pre-formation/social preparation, formation and post formation (refer to Proposed Community Management Program attached here for the detailed activities in each phase). During the formation phase, pre-membership training and election of BDO and Officers are held. In this phase, individual member interest and community commitment are manifested through application for membership in the association and signing of Manifesto Resolution (refer to the sample formats attached hereafter).

# Proposed Community Management Program

Rarangay Activities	ities	Responsible Party	Duration	Cost
			1200	
A. Pre-Formation/Social Preparation Phase  1. Consultation with barangay officials/development councils (First Meeting)  The activity aims to obtain the support, commitment and active participation in planning, implementation and managing the project. They are primarily responsible for the identification and prioritization of community needs. The decision on the acceptance of Level I water facility and barangay counterpart shall emanate from them.	t councils (First Meeting) itiment and active participation in planning, are primarily responsible for the identification ion on the acceptance of Level I water facility in.	CO/NGO; PWSU/MSLT; Barangay Officials Development Council	\$.	
2. Barangay Water Supply and Sanitation Survey/Spot Map A core group composed of men and women volunteers will conduct BWSS and spot mapping. The BWSS results provide information on the prospective users willingness to undertake the responsibility for the O&M as well as provision of counterpart. Spot map will identify the most feasible site for Level I facilities, HH latrines, school and public toilets.	nteers will conduct BWSS and spot mapping. rospective users willingness to undertake the 1 of counterpart. Spot map will identify the es, school and public toilets.	CONGO: PWSU/MSLT: Men and Women Volunteers	vs	P600
The survey results and spot map (Second Meeting)  The survey results and spot map will be presented to the barangay officials, core group and prospective water users of the facilities. The decisions of the community members will be confirmed in terms of acceptance of Level I water facilities, site of the water facility/ies, willingness to contribute for water fee, operate and maintain the facilities, to be trained and to put up counterpart such as labor, site, and local materials. The results of the survey and spot map are discussed relative to the most feasible site of the water facilities in the barangay as well as the most feasible site of sanitation facilities and houses in need of latrine. The community members will decide among themselves which sitios/puroks will be given priority in the provision of water and sanitation facilities. The community members will also decide on the operating body, whether to tap existing community-based organization, form a new one (BWSA) or merge/consolidate with existing water association.	rad Meeting)  ted to the barangay officials, core group and ecisions of the community members will be vater facilities, site of the water facility/ies, and maintain the facilities, to be trained and to materials. The results of the survey and spot site of the water facilities in the barangay as silities and houses in need of latrine. The ves which sitos/puroks will be given priority is. The community members will also decide manualty-based organization, form a new one in association.	CO/NGO; PWSU/MSLT; Prospective Users	O.5.	P500

## Ferrmation Phase 4. Permention Phase A core group will be mobilized to conduct house to bouse carapaign to ensure membership partition. The second of the facilities. The mobilized to conduct house to bouse carapaign to ensure membership partition. The group will be mobilized to conduct house to bouse carapaign to ensure membership partition. The propertive Water Users users of the facilities. The project concept is discussed including its objectives, mobilized and repending its objectives. The Board of Directors are discussed during the pre-transferration aspects, success factors, etc. are discussed during the pre-transferration aspects, success factors, etc. are discussed during the pre-transferration aspects, success factors, etc. are discussed during the pre-transferration aspects, success factors, etc. are discussed during the pre-transferration aspects, success factors of the BWAs. Bookleeper and Caretaker are designated by the President. With the initiative of the theoly efected officers, the organizational documents are accomplished.  5. Meeting of the Board Officers, bow to conduct a meeting, formulate administrative and optimized projection of water fees, dates and place of regular meetings, etc.) and prepare an action plan. The registration procedures and requirements are also discussed.  6. Registration  6. Registration  Free-construction Conference (Fifth Meeting)  The permitting body (existing community organization or BWSA is registered to give it legal presently to enter into a contractoal obligation)  The rethrical design, the financial computation to determine the operation and maintenance members of the facilities are discussed. The proposed estimates on mendially water fees are among themselves the monthly water fees are presented to the officers and emmers of the potential design and program of wherein and contracted on the bareficiaries and requirements of the beneficiaries to adverse the monthly water fees are construction of the beneficiaries to adverse the monthly water fees are prese				*	
Permation Phase  Permation Phase  Permation Phase  Permation Phase  Permation Phase  Permation Phase  Permation Phase  Permation Phase  A core group will be mobilized to conduct house to bouse campagin to cause membership are mobilized to conduct house to bouse campagin to cause membership accorded to the propertive water was of the fabilities. The proper concept is discussed including its objectives importance and role of BWSA and anembers. Other modules such as women's too, sanitation, technical aspects, success factors, etc. are discussed during the pre-membership ratining.  The Board of Directors is elected by the general membership and the Board elects among themselves the officers of the BWSA. Bookkeeper and Carcaker are designated by the President. With the initiative of the newly elected officers, the organizational documents are accomplished.  Meeting of the Board of Directors (Fourth Meeting)  The first meeting of the BOD is conducted to discuss in details the duties and prepare an acting, formulative and operational policies (collection of water test, dates and place of regular meetings, etc.) and prepare an acting policies (collection of water test, dates and place of regular meetings, etc.) and prepare an acting policies (collection of water test, dates and place of regular meetings, on the source (Pifth Meeting)  Pre-construction Conference (Pifth Meeting)  Pre-construction conference (Pifth Meeting)  Pre-construction of water and edsign and program of work for the construction of determine the operation and maintenance represented and the beneficianties must agree among themselves the mountings to be permitted design and program of work for the construction and members of the operation of the beneficianties to actively participate in the construction and counterpart shall be confirmed.		Barangay Activities	Responsible Party	Duration (Day)	Cost
Pre-membership Training and election of BOD and Officers (Third Meeting)  A core group with be mobilized to conduct house to bouse campaign to ensure membership pwSUMSLT: arendance in the Pre-membership Talaning. The training is conducted for prospective water prospective water to go definition. The proper concept is discussed including its objectives, importance and role of BWSA and members. Other modules such as women? objects, sanitation, rechnical aspects success factors, etc. are discussed during the pre-membership realning.  The Board of Directors is elected by the general membership and the Board elects among themselves the officers of the BWSA. Bookkeeper and Carenter are designated by the president. With the initiative of the newly elected officers, the organizational documents are accomplished.  Meeting of the Board of Directors (Fourth Meeting)  The first meeting of the BOD is conducted to discuss in details the duties and responsibilities of the Board Officers, how to conducted to discussed.  Registration  The representation of water feets, dues and requirements are also discussed.  The operating body (existing community organization or BWSA is registered to give it legal presented in the contractual obligation).  Pre-construction of water feets, dues and place of regular meetings, etc.) and prepare an action plan. The registration of water feets, dues and place of regular meetings, etc.) and prepare an action plan. The registration of water feets, dues and place of regular meetings, etc.) and prepare and conference (Fifth Meeting).  Pre-construction of water feets, dues and respuration or BWSA is registered to give it legal presented to the officers and place of regular meetings and solutions and maintenance of the obserficiants must spee among themselves the monthly water feets are presented and the beneficiaries must speet among themselves the monthly water feets are presented and the beneficiaries was single of the properties to objected. The commitments of the obserficers and sequences to accou	m	Formation Phase			
Meeting of the Board of Directors (Fourth Meeting)  The first meeting of the BOD is conducted to discuss in details the duties and responsibilities of the Board /Officers, how to conduct a meeting, formulate administrative and operational policies (collection of water fees, dates and place of regular meetings, etc.) and prepare an action plan. The registration procedures and requirements are also discussed.  Registration  The operating body (existing community organization or BWSA is registered to give it legal presonality to enter into a contractual obligation)  Pre-construction Conference (Fifth Meeting)  Pre-construction Conference (Fifth Meeting)  Pre-construction and program of work for the construction of water and sanitation facilities are presented to the officers and members of the proposed estimates on monthly water fees are presented and the beneficiaries must agree among themselves the monthly water charge to be collected. The commitment of the beneficiaries to actively participate in the construction and counterpart shall be confirmed.	4.	Pre-membership Training and election of BOD and Officers (Third Meeting) A core group will be mobilized to conduct house to house campaign to ensure membership attendance in the Pre-membership Training. The training is conducted for prospective water users of the facilities. The project concept is discussed including its objectives, importance and role of BWSA and members. Other modules such as women's role, sanitation, technical aspects, success factors, etc. are discussed during the pre-membership training.  The Board of Directors is elected by the general membership and the Board elects among themselves the officers of the BWSA. Bookkeeper and Caretaker are designated by the President. With the initiative of the newly elected officers, the organizational documents are accomplished.	CO/NGO; PWSU/MSLT; Prospective Water Users		000
ting body (existing community organization or BWSA is registered to give it legal  y to enter into a contractual obligation)  choice of contractual obligation of BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of contractual obligation or BWSA is registered to give it legal  choice of the formation of work for the construction and maintenance members  choice of the formation or determine the operation and maintenance members  and the beneficiaries is discussed. The proposed estimates on monthly water these are  and the beneficiaries of the beneficiaries to actively participate in the construction and members  choice of the contractual of the beneficiaries to actively participate in the construction and members  choice of the contractual or the construction and members  choice of the contractual or the construction and members  choice of the contractual or the construction and members  choice of the contractual or the construction and members  choice of the contractual or the construction and members  choice of th	vi	Me	CO/NGO: PWSU/MSLT; BOD/Officers		P1,000
k for the construction of water and sanitation members of the operating body. Based on the proposed estimates on monthly water fees are mong themselves the monthly water charge to be ries to actively participate in the construction and	9	Registration The operating body (existing community organization or BWSA is registered to give it legal personality to enter into a contractual obligation)	BOD/Officers CO/NGO: PWSU/MSLT;		
	6	Pre-construction Conference (Fifth Meeting)  The technical design and program of work for the construction of water and sanitation facilities are presented to the officers and members of the operating body. Based on the technical design, the financial computation to determine the operation and maintenance requirements of the facilities is discussed. The proposed estimates on monthly water fees are presented and the beneficiaries must agree among themselves the monthly water charge to be collected. The commitment of the beneficiaries to actively participate in the construction and counterpart shall be confirmed.	CO/NGO; PWSU/MSLT; BOD/Officers members	٧,	0056

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the certain delivered are all accounted for and in a the rechained design. Labor, local materials bob/Officers run of water facilities. Upon completion, the President, in behalf of the association, shall management and PMSLT rect beneficiaries in planning, proper operation, per eq proper hygiene and the need to maintain. Bob/Officers be trained on organizational management depumps, etc).  MSLT/RHW/BHW Continuous become maintain be continuous be continuously provided to the community of the water supply and sanitary toiler facilities to adducted in partnership between MSLT and maplementation. Technical assistance will be model to the community provided to the community organizational management depumps.	Barangay Activities	Responsible	Duration (Dav)	Cost
Meeting)  to build the capacity of project beneficiaries in planning, proper operation.  build the capacity of project beneficiaries in planning, proper operation.  build the capacity of project beneficiaries in planning, proper operation.  build the capacity of project beneficiaries. This will also create an awareness beneficiaries on the importance of proper hygiene and the need to maintain management.  BOD/Officers  BOD/Officers  BOD/Officers  MSLT/RHW/BHW  Continuous  MSLT/RHW/BHW  Continuous  on the interdependence of safe water supply and sanitary toilet facilities to the education will be conducted in partnership between MSLT and gard evaluation will be conducted in partnership between MSLT and BOD/Officers  B will start from project implementation. Technical assistance will be upon the interdependence of safe water supply and sanitary to the community between MSLT and BoD/Officers  BOD/Officers  COONGO.  ASSIGNMENT:  Continuous  PWSU/MSLT:  Continuous  B ADL/Officers  ANSLT AND AND AND AND AND AND AND AND AND AND	terials delivered are all accounted for and in n the technical design. Labor, local materials wided as counterpart. The prospective users trun of water facilities. Upon completion, the he President, in behalf of the association, shall mple turn-over ceremony is held witnessed by I members of the association and PMSLT	NGO; SU/MSLT; D/Officers abers	10	
ceducation  e education  e education  by continuously provided to the community on the interdependence of safe water supply and sanitary toilet facilities to  lth and environmental benefits.  Ith and environmental benefits.  and Technical Assistance g and evaluation will be conducted in partnership between MSLT and evaluation will be conducted in partnership between MSLT and BOD/Officers  E will start from project implementation. Technical assistance will be  TOTAL  23.5	he capacity of project beneficiaries in planning, proper operation, arer and sanitation facilities. This will also create an awareness es on the importance of proper hygiene and the need to maintain D/officers will be trained on organizational management, agement/bookkeeping and caretaker on operational management repair of wells hand-pumps, etc).	NGO; SU/MSLT; S/Officers ikkeeper/Caretaker	\$	P4.400
g and evaluation will be conducted in partnership between MSLT and BOD/Officers. E will start from project implementation. Technical assistance will be TOTA!	on services shall be continuously provided to the community rdependence of safe water supply and sanitary tollet facilities to vironmental benefits.	LT/RHW/BHW	Continuous	P1.800
TOTAT 23.5	on and Technical Assistance g and evaluation will be conducted in partnership between MSLT and E.E. will start from project implementation. Technical assistance will be ury.	SU/MSLT; D/Officers	Continuous	
TOINT	TOTAL		23.5	

**(**)

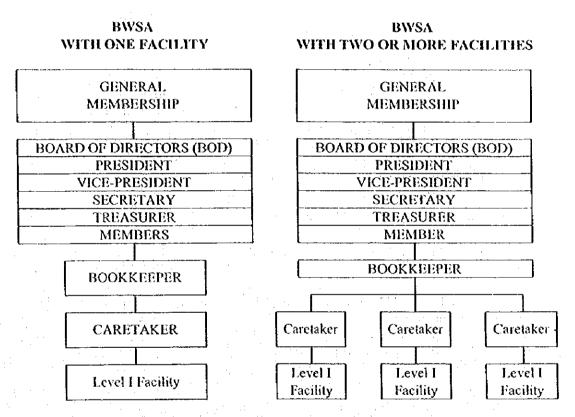


Figure 9.4.3 Organization Structure of BWSA