

Ligao City Water District  
Natera St., Dunao Ligao City  
**BENEFICIARIES FROM PROJECTS AND PROGRAMS**

	Year 2017	Year 2018	Year 2019	Year 2020	Year 2021
	Base Year				
<b>Population/ Customer Profile</b>					
Population in the Franchise Area	79,721.00	81,315.00	82,940.00		
Population Served by others	1,513.00	1,560.00	1,636.00	1,712.00	1,788.00
Serviceable Population	78,395.00	79,963.00	81,531.00	83,099.00	84,667.00
Population Served by Registered Connections	65,439.00	66,051.00	68,570.00	71,089.00	73,608.00
Unserved Population	15,513.00	15,203.00	14,880.00	14,557.00	14,234.00
<b>% of Population Provided Water Service</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>
<b>Registered Water Connection</b>					
Registered Active Household Connections					
Metered HH Connections	9,349	10,049	10,423	10,797	11,171
No. Of New Metered HH Connection per year	594	661	728	795	862
Registered active Comm./Ind. Connections					
Metered Connections	231	239	303	367	431
No. Of New Metered CE Connection Per Year					
Registered Active Government Connections					
Metered Connections					
No. Of New Metered Gov. Connection per year					
<b>Increase in Active Connections</b>	<b>605</b>	<b>697</b>	<b>776</b>	<b>855</b>	<b>934</b>
<b>Total No. of Active Connections</b>	<b>9,482</b>	<b>10,179</b>	<b>10,528</b>	<b>10,877</b>	<b>11,226</b>
<b>% Increase-Active Connections</b>	<b>32%</b>	<b>43%</b>	<b>51%</b>	<b>59%</b>	<b>67%</b>
<b>Service Connection</b>					
New Connections	413	446	446	446	446
Disconnection	255	255	255	255	255
Reconnection	275	283	291	299	307
Retention Rate ( % of Recons./Discons.)	97%	98%	98%	98%	98%
<b>Total Water Sales - Volume</b>					
Total Household Volume (m3/year)					
Metered HH Water Sales	1,250,763.00	1,289,446.00	1,337,475.00	1,385,504.00	1,433,533.00
Non-Metered HH Water Sales	0	0	0		
Total Institutional Volume (m3/year)					
Metered Water Sales	126,704.00	131,621.00	136,538.00	141,455.00	146,372.00
Non-Metered Water Sales	0	0	0		
Total comm./Ind. Volume (m3/year)					
Metered Water Sales	250,906.00	260,349.00	268,177.00	276,005.00	283,833.00
Non-Metered Water Sales	0	0	0	0	0
Total Water Sales-Volume	1,620,294.00	1,688,154.00	1,685,154.00	1,691,154.00	1,694,154.00
<b>% Increase (WS-Volume)</b>	<b>16%</b>	<b>22%</b>	<b>26%</b>	<b>16%</b>	<b>17%</b>
<b>Per Capital Demand for Business Plan (l/c/d)</b>					
Household (100-120)					
Institutional (15-25)					
Commercial (15-30)					
Per Connection Demand (m3/day)	4,812	5,019	5,197	5,375	5,553
Bulk Water Sales (m3/day)	0	0	0	0	0
<b>Total Water Demand (Avg m3/day)</b>	<b>4,812</b>	<b>5,019</b>	<b>5,197</b>	<b>5,375</b>	<b>5,553</b>
Produced Water (m3/day)	0	0	0	0	0
Purchased Water (m3/day)	9,000	9,500	10,000	10,500	11,000
<b>Water Pressure @ measuring Points</b>	<b>6 psi</b>	<b>7 psi</b>	<b>8 psi</b>	<b>9 psi</b>	<b>10 psi</b>

Projected Population Increase	1%
Projected Household Connection Increase (%)	2%
Projected Commercial Connection Increase (%)	3%
Projected Government Connection Increase (%)	5%
Number of People per Connection	7%