

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

	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025
	Base Year				
<b>Population/ Customer Profile</b>					
Population in the Franchise Area	85,978.00	87,497.00	89,016.00	90,535.00	92,054.00
Population Served by others	1,788.00	1,864.00	1,940.00	2,016.00	2,092.00
Servicable Population	84,667.00	86,235.00	87,803.00	89,371.00	90,939.00
Population Served by Registered Connections	73,608.00	76,127.00	78,646.00	81,165.00	83,684.00
Unserved Population	14,234.00	13,911.00	13,588.00	13,265.00	12,942.00
<b>% of Population Provided Water Service</b>	86%	87%	85%	86%	87%
<b>Registered Water Connection</b>					
Registered Active Household Connections					
Metered HH Connections	11,171.00	11,545.00	11,919.00	12,293.00	12,667.00
No. of New Metered HH Connections per year	862.00	929.00	996.00	1,063.00	1,130.00
Registered Active Comm./Ind. Connections					-
Metered Connections	431.00	495.00	509.00	523.00	537.00
No. of New Metered CE Connections per year					
Registered Active Government Connections					
Metered Connections					
No of New Metered Gov Connection per year					
<b>Increase in Active Connections</b>	934.00	1,013.00	1,092.00	1,171.00	1,250.00
<b>Total No. of Active Connections</b>	11,226.00	11,575.00	11,924.00	12,273.00	12,622.00
<b>% Increase-Active Connections</b>	67%	69%	71%	73%	75%
<b>Service Connections</b>					
New Connections	446.00	446.00	446.00	446.00	446.00
Disconnection	255.00	255.00	255.00	255.00	255.00
Reconnection	307.00	315.00	323.00	325.00	325.00
Retention Rate (% of Recons. /Discons)	98%	98%	98%	98%	98%
<b>Total Water Sales - Volume</b>					
Total Household Volume (m3/year)					
Metered HH Water Sales	1,433,533.00	1,481,562.00	1,529,591.00	1,577,620.00	1,625,649.00
Non-Metered HH Water Sales	-	-	-	-	-
Total Institutional Volume (m3/year)					
Metered water Sales	146,372.00	151,289.00	156,206.00	161,123.00	166,040.00
Non-Metered Water Sales	-	-	-	-	-
Total Comm./Ind. Volume (m3/year)					
Metered water Sales	283,833.00	291,661.00	299,489.00	307,317.00	315,145.00
Non-Metered Water Sales	-	-	-	-	-
Total water Sales-Volume	1,694,154.00	1,697,154.00	1,700,154.00	1,703,154.00	1,706,154.00
5 Increase (WS-Volume)	17%	17%	17%	17%	17%
<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)	5,553.00	5,731.00	5,909.00	6,087.00	6,265.00
Bulk Water Sales (m3/Day)	-	-	-	-	-
<b>Total Water Demand (Avg m3/Day)</b>	5,553.00	5,731.00	5,909.00	6,087.00	6,265.00
Produced Water (m3/Day)	-	-	-	-	-
Purchased Water (m3/Day)	11,000.00	11,500.00	12,000.00	12,500.00	13,000.00
<b>Water Pressure @ measuring Points</b>	10 psi	10.5 psi	11psi	11.5psi	12 psi

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%