

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

	year 2020	Year 2021	Year 2022	Year 2023	Year 2024
	Base Year				
Population/ Customer Profile					
Population in the Franchise Area	84,459.00	85,978.00	87,497.00	89,016.00	90,535.00
Population Served by others	1,712.00	1,788.00	1,864.00	1,940.00	2,016.00
Servicable Population	83,099.00	84,667.00	86,235.00	87,803.00	89,371.00
Population Served by Registered Connections	71,089.00	73,608.00	76,127.00	78,646.00	81,165.00
Unserved Population	14,557.00	14,234.00	13,911.00	13,588.00	13,265.00
% of Population Provided Water Service	85%	86%	87%	85%	86%
Registered Water Connection					
Registered Active Household Connections					
Metered HH Connections	10,797.00	11,171.00	11,545.00	11,919.00	12,293.00
No. of New Metered HH Connections per year	795.00	862.00	929.00	996.00	1,063.00
Registered Active Comm./Ind. Connections					
Metered Connections	367.00	431.00	495.00	509.00	523.00
No. of New Metered CE Connections per year					
Registered Active Government Connections					
Metered Connections					
No of New Metered Gov Connection per year					
Increase in Active Connections	855.00	934.00	1,013.00	1,092.00	1,171.00
Total No. of Active Connections	10,877.00	11,226.00	11,575.00	11,924.00	12,273.00
% Increase-Active Connections	59%	67%	69%	71%	0.73
Service Connections					
New Connections	446.00	446.00	446.00	446.00	446.00
Disconnection	255.00	255.00	255.00	255.00	255.00
Reconnection	299.00	307.00	315.00	323.00	325.00
Retention Rate (% of Recons. /Discons)	98%	98%	98%	98%	98%
Total Water Sales - Volume					
Total Household Volume (m3/year)					
Metered HH Water Sales	1,385,504.00	1,433,533.00	1,481,562.00	1,529,591.00	1,577,620.00
Non-Metered HH Water Sales	-	-	-	-	-
Total Institutional Volume (m3/year)					
Metered water Sales	141,455.00	146,372.00	151,289.00	156,206.00	161,123.00
Non-Metered Water Sales	-	-	-	-	-
Total Comm./Ind. Volume (m3/year)					
Metered water Sales	276,005.00	283,833.00	291,661.00	299,489.00	307,317.00
Non-Metered Water Sales	-	-	-	-	-
Total water Sales-Volume	1,691,154.00	1,694,154.00	1,697,154.00	1,700,154.00	1,703,154.00
5 Increase (WS-Volume)	16%	17%	17%	17%	17%
Per Capital Demand for Business Plan (l/C/D)					
Household (100-120)					
Institutional (15-25)					
Commercial (15-30)					
Per Connection Demand (m3/Day)	5,375.00	5,553.00	5,731.00	5,909.00	6,087.00
Bulk Water Sales (m3/Day)	-	-	-	-	-
Total Water Demand (Avg m3/Day)	5,375.00	5,553.00	5,731.00	5,909.00	6,087.00
Produced Water (m3/Day)	-	-	-	-	-
Purchased Water (m3/Day)	10,500.00	11,000.00	11,500.00	12,000.00	12,500.00
Water Pressure @ measuring Points	9 psi	10 psi	10.5 psi	11psi	11.5psi

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%