

MONTHLY DATA SHEET

For the Month Ending DECEMBER 2021

Name of Water District : GENERAL MARIANO ALVAREZ WATER DISTRICT

Province : CAVITE

Region : IV

CCC No. : 393

Email Address : gmawaterdistrict@yahoo.com

Website, if any: [gmawaterdistrict](http://gmawaterdistrict.com)

Contact Nos. (mobile): _____

(landline) : (046)460-4645

Geo Coordinates of WD Office(Longitude,Latitude) : _____

Under Joint Venture Agreement? (Yes/No): NO

1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served		Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys
Main Mun.:	Name of Municipality(ies)	Mun. Class		
	General Mariano Alvarez	A	27	27 100.0%
Annexed:	n/a			
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2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	24,060		
2.2	Total Active	22,460		
2.3	Total metered	22,460		
2.4	Total billed	22,395		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	112,300		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		89	1,271
	Reconnection		200	1,192
	Disconnected		214	1,590
	Increase (Decrease) in S. C.		75	873
2.8	No. of Customers in Arrears	3,676	(16.4%)	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	21,485		21,485
	Government	57		57
	Commercial/Industrial	852	-	852
	Full Commercial	267		267
	Commercial A	141		141
	Commercial B	275		275
	Commercial C	169		169
	Commercial D	-		-
	Bulk/Wholesale	1		1
	Total	22,395	-	22,395

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): Oct. 29, 2003 Effectivity (mm/dd/year): Sept. 1, 2011

3.2 Water Rates

CLASSIFICATION	MINIMUM	COMMODITY CHARGES					
	CHARGES	11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	61 & Above
Domestic/Government	₱ 280/448	₱ 29.65	₱ 32.35	35.70	₱ 40.65	₱ 40.65	₱ 40.65
Commercial/Industrial	560/896	59.30	64.70	71.40	81.30	81.30	81.30
Commercial A	490/784	51.85	56.60	62.45	71.10	71.10	71.10
Commercial B	420/672	44.45	48.50	53.55	60.95	60.95	60.95
Commercial C	350/560	37.05	40.40	44.60	50.80	50.80	50.80
Commercial D	n/a						
Bulk Sales	5.25						

4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	₱ 13,520,686.12	₱ 170,661,978.64
b. Current - unmetered	-	-
c. Penalty Charges	551,508.06	7,232,551.51
d. Less: Senior Citizen & PWD Discount	14,874.46	163,126.26
Total	₱ 14,057,319.72	₱ 177,731,403.89

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	₱ 12,236,753.57	₱ 153,664,423.48
f Government	168,737.95	2,473,035.22
g Commercial/Industrial	1,886,121.34	21,586,742.19
h Bulk/Wholesale	514.50	7,203.00
Total	₱ 14,292,127.36	₱ 177,731,403.89

4.3 COLLECTION (Water Sales)		
a. Current account	₱ 7,980,631.27	₱ 98,352,153.29
b. Arrears - current year	7,599,922.71	65,016,177.76
c. Arrears - previous years	328,829.10	19,034,091.71
Total	₱ 15,909,383.08	₱ 182,402,422.76

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 26,084,992.70

4.5 ON-TIME-PAID, This Month

	This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 =$	59.1%	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 =$	$\frac{163,368,331.05}{177,731,403.89} =$	91.9%
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} =$	$\frac{182,402,422.76}{203,816,396.59} =$	89.5%
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5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	₱ 14,532,379.88	₱ 183,238,802.31
b. Non-Operating revenues	18,834.36	197,752.05
Total	₱ 14,551,214.24	₱ 183,436,554.36
5.2 EXPENSES		
a. Salaries and wages	₱ 3,303,327.18	₱ 37,269,662.86
b. Pumping cost (Fuel, Oil, Electric)	4,164,980.66	41,342,577.91
c. Chemicals (treatment)	57,850.00	921,150.00
d. Other O & M Expense	14,606,628.39	71,506,734.15
e. Depreciation Expense	1,735,358.08	17,861,158.80
f. Interest Expense	140,551.00	1,818,366.00
g. Others	1,294.83	7,325.50
Total	₱ 24,009,990.14	₱ 170,726,975.22
5.3 NET INCOME (LOSS)	₱ (9,458,775.90)	₱ 12,709,579.14
5.4 CASH FLOW STATEMENT		
a. Receipts	₱ 27,667,831.26	₱ 243,542,157.17
b. Disbursements	31,407,228.79	244,205,342.65
c. Net Receipts (Disbursements)	(3,739,397.53)	(663,185.48)
d. Cash balance, beginning	22,871,532.16	19,795,320.11
e. Cash balance, ending	19,132,134.63	19,132,134.63
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)		
1. Cash in Bank	₱ 43,843.84	₱ 43,843.84
2. Cash on Hand		
b. WD Funds (Total)	24,407,099.41	24,407,099.41
1. Cash on hand	₱ 43,842.16	₱ 43,842.16
2. Cash in bank	4,004,633.13	4,004,633.13
3. Special Deposits	-	-
4. Investments	5,274,964.78	5,274,964.78
5. Working fund	35,000.00	35,000.00
6. Reserves		
6.1 WD-LWUA JSA	15,048,659.34	15,048,659.34
6.2 General Reserves	-	-
c. Materials & Supplies inventory	₱ 7,593,005.21	₱ 3,827,858.93
d. Accounts Receivable		
1. Customers	₱ 15,782,964.20	₱ 15,782,964.20
2. Materials on loans	2,543,357.59	2,543,357.59
3. Officers & Employees	24,773,109.93	24,773,109.93
e. Customers' deposits	-	-
f. Loans payable	20,283,348.65	20,283,348.65
g. Payable to creditors eg. suppliers	44,824,113.11	44,824,113.11
5.6 FINANCIAL RATIOS		
a. Operating Ratio (benchmark = ≤ 0.75)	<u>This Month</u>	<u>Year-to-Date</u>
Operating Expenses	23,868,144.31	168,901,283.72
Operating Revenues	14,532,379.88	183,238,802.31
	= 1.64	= 0.92

b. Net Income Ratio					
	<u>Net Income (Loss)</u>	<u>(9,458,775.90)</u>	=	(0.65)	<u>12,709,579.14</u> =
	Total Revenues	14,551,214.24			183,436,554.36 = 0.07
c. Current Ratio (benchmark = ≥ 1.5)					
	<u>Current Assets</u>				<u>83,539,757.39</u> =
	Current Liabilities				44,824,113.11 = 1.86

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	<u>Number</u>	<u>Total Rated Capacity</u>		<u>Basis of Data</u>
		<u>(In LPS)</u>	<u>or (in Cum/Mo)</u>	
a. Wells	<u>22</u>	<u>275.2</u>	<u>716,352</u>	Based on flow meter
b. Springs	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. Surface/River	<u> </u>	<u> </u>	<u> </u>	<u> </u>
d. Bulk purchase	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total	22	275.2	716,352	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. WD-Owned Sources			Based on flow meter
1 Gravity	<u> </u>	<u> </u>	
2 Pumped	<u>509,873.0</u>	<u>6,338,045.0</u>	
Sub-Total	509,873.0	6,338,045.0	
b. External Source/s	<u>-</u>	<u>-</u>	
Total	509,873.0	6,338,045.0	

6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	<u>533,831</u>	<u>5,417,300</u>
b. Total power cost for pumping (PHP)	<u>4,024,606.66</u>	<u>38,160,961.34</u>
c. Other energy cost (oil, etc.) (PHP)	<u>140,375.00</u>	<u>3,181,616.57</u>
d. Total Pumping Hours (motor drive)	<u>17,106.00</u>	<u>203,415.00</u>
e. Total Pumping Hours (engine drive)	<u> </u>	<u>-</u>
f. Total Chlorine consumed (Kg.)	<u>127</u>	<u>2,025</u>
g. Total Chlorine cost (PHP)	<u>57,850.00</u>	<u>921,150.00</u>
h. Total cost of other chemicals (PHP)	<u>-</u>	<u>-</u>
Total Production Cost	P 4,222,831.66 P	42,263,727.91

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	<u>411,336.0</u>	<u>5,138,814.0</u>
Residential	<u>375,365.0</u>	<u>4,710,918.0</u>
Government	<u>5,578.0</u>	<u>67,830.0</u>
Commercial/Industrial (Total)	<u>30,306.0</u>	<u>358,586.0</u>
Full Commercial	<u>11,238.0</u>	<u>129,841.0</u>
Commercial A	<u>8,622.0</u>	<u>94,803.0</u>
Commercial B	<u>5,246.0</u>	<u>66,230.0</u>
Commercial C	<u>5,200.0</u>	<u>67,712.0</u>
Commercial D	<u>-</u>	<u>-</u>
Bulk/Wholesale	<u>87.0</u>	<u>1,480.0</u>
b. Unmetered billed	<u> </u>	<u> </u>
c. Total billed	411,336.0	5,138,814.0
d. Metered unbilled	-	-

9. STATUS OF VARIOUS DEVELOPMENT:

9.1 ON-GOING PROJECTS

	DESCRIPTION (e.g. Comprehensive Project, Source Dev., Expansion, Rehab., Water Quality, etc)	PROJECT COST (PHP x 1,000)	FUNDING SOURCE	PERCENT ACCOM- PLISHMENT
a.	Construction of Septage Treatment Plant	45,500,000.00	GF	100%
b.	Re-drilling of JICA Well	5,299,020.00	GF	100%
c.	Well Drilling - Alta Tierra Home, Brgy. Olaes	10,478,040.00	GF	78%
d.	Re-Drilling - Teachers Village P.S. # 3			
e.				
f.				
g.				
h.				
i.				
j.				
k.				
l.				
m.				
n.				
o.				

9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

	LOAN AMOUNT (PHP)	ARREARAGES, Beginning of the year	MONTHLY AMORTIZATION (PHP)	PAYMENTS MADE, YTD	TERMINAL YEAR OF AMORTIZATION
a.	Loans from LWUA				
1	418,897.76	0	22,868	198,991	9/1/2021
2	3,023,816.30	0	33,621.00	403,452.00	9/1/2023
3	35,562,885.35	0	392,089.00	4,705,068.00	10/1/2026
4					
5					
	Total	0	448,578.00	5,307,510.76	
b.	Loans from Other Fund Sources				
1	n/a				
2					
3					
4					
5					
	Total				

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

	Year when Last installed /reviewed
a.	CPS I Installation 1992
b.	CPS II Installation Feb. 1, 1998
c.	Water Rates Review Sept. 1, 2011
d.	Water Safety Plan Review 17-May-19
e.	Business Plan Review Aug-17
f.	Groundwater Data Bank Installation NO
g.	Computerized Billing & Collection System YES