

MONTHLY DATA SHEET

For the Month Ending DECEMBER 2022

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.:	<u>General Mariano Alvarez</u>	<u>A</u>	<u>27</u>	<u>27</u>	<u>100.0%</u>
Annexed:	<u>n/a</u>				
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2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	<u>24,948</u>		
2.2	Total Active	<u>23,126</u>		
2.3	Total metered	<u>23,102</u>		
2.4	Total billed	<u>23,102</u>		
2.5	Ave. Persons/Conn.	<u>5.0</u>		
2.6	Population Served (2.2 x 2.5)	<u>115,630</u>		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		<u>32</u>	<u>888</u>
	Reconnection		<u>182</u>	<u>2,395</u>
	Disconnected		<u>99</u>	<u>2,533</u>
	Increase (Decrease) in S. C.		<u>115</u>	<u>750</u>
2.8	No. of Customers in Arrears	<u>3,542</u>	<u>(15.3%)</u>	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	<u>22,204</u>		<u>22,204</u>
	Government	<u>58</u>		<u>58</u>
	Commercial/Industrial	<u>839</u>	<u>-</u>	<u>839</u>
	Full Commercial	<u>265</u>		<u>265</u>
	Commercial A	<u>151</u>		<u>151</u>
	Commercial B	<u>264</u>		<u>264</u>
	Commercial C	<u>159</u>		<u>159</u>
	Commercial D	<u>-</u>		<u>-</u>
	Bulk/Wholesale	<u>1</u>		<u>1</u>
	Total	23,102	-	23,102

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	₱ 14,996,746.57	₱ 180,399,492.86
b. Current - unmetered	-	-
c. Penalty Charges	509,276.43	6,928,730.46
d. Less: Senior Citizen & PWD Discount	15,452.35	175,478.58
Total	₱ 15,490,570.65	₱ 187,152,744.74

4.2 BILLING PER CONSUMER CLASS:

	This Month	Year-to-Date
e Residential/Domestic	₱ 13,179,938.16	₱ 160,635,585.84
f Government	252,174.41	2,631,588.78
g Commercial/Industrial	2,057,056.33	23,876,425.12
h Bulk/Wholesale	1,401.75	9,145.00
Total	₱ 15,490,570.65	₱ 187,152,744.74

4.3 COLLECTION (Water Sales)

	This Month	Year-to-Date
a. Current account	₱ 9,877,147.21	₱ 111,001,661.02
b. Arrears - current year	6,018,530.87	68,477,406.28
c. Arrears - previous years	185,197.49	13,423,911.80
Total	₱ 16,080,875.57	₱ 192,902,979.10

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 20,826,915.53

4.5 ON-TIME-PAID, This Month

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 65.9\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{179,479,067.30}{187,152,744.74} = 95.9\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{192,902,979.10}{207,979,660.27} = 92.8\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P <u>15,806,006.80</u>	P <u>193,038,361.25</u>
b. Non-Operating revenues	<u>6,926.66</u>	<u>128,785.85</u>
Total	P <u>15,812,933.46</u>	P <u>193,167,147.10</u>
5.2 EXPENSES		
a. Salaries and wages	P <u>3,677,382.19</u>	P <u>42,007,554.06</u>
b. Pumping cost (Fuel, Oil, Electric)	<u>5,042,095.90</u>	<u>59,953,284.60</u>
c. Chemicals (treatment)	<u>99,950.00</u>	<u>1,007,250.00</u>
d. Other O & M Expense	<u>14,120,957.01</u>	<u>69,005,539.32</u>
e. Depreciation Expense	<u>1,662,774.72</u>	<u>18,927,122.78</u>
f. Interest Expense	<u>116,269.00</u>	<u>1,530,750.00</u>
g. Others	<u>(424.78)</u>	<u>-</u>
Total	P <u>24,719,004.04</u>	P <u>192,431,500.76</u>
5.3 NET INCOME (LOSS)	P <u>(8,906,070.58)</u>	P <u>735,646.34</u>
5.4 CASH FLOW STATEMENT		
a. Receipts	P <u>25,209,678.44</u>	P <u>309,876,208.72</u>
b. Disbursements	<u>31,494,221.59</u>	<u>309,955,097.85</u>
c. Net Receipts (Disbursements)	<u>(6,284,543.15)</u>	<u>(78,889.13)</u>
d. Cash balance, beginning	<u>25,337,788.65</u>	<u>19,132,134.63</u>
e. Cash balance, ending	<u>19,053,245.50</u>	<u>19,053,245.50</u>
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)		
1. Cash in Bank	P <u>43,859.92</u>	P <u>43,859.92</u>
2. Cash on Hand	<u>-</u>	<u>-</u>
b. WD Funds (Total)	<u>23,880,263.42</u>	<u>23,880,263.42</u>
1. Cash on hand	P <u>600,920.39</u>	P <u>600,920.39</u>
2. Cash in bank	<u>3,188,659.68</u>	<u>3,188,659.68</u>
3. Special Deposits	<u>-</u>	<u>-</u>
4. Investments	<u>4,870,877.84</u>	<u>4,870,877.84</u>
5. Working fund	<u>45,000.00</u>	<u>45,000.00</u>
6. Reserves		
6.1 WD-LWUA JSA	<u>15,174,805.51</u>	<u>15,174,805.51</u>
6.2 General Reserves	<u>-</u>	<u>-</u>
c. Materials & Supplies inventory	P <u>5,486,490.47</u>	P <u>5,486,490.47</u>
d. Accounts Receivable		
1. Customers	P <u>10,395,924.00</u>	P <u>10,395,924.00</u>
2. Materials on loans	<u>2,049,696.82</u>	<u>2,049,696.82</u>
3. Officers & Employees	<u>25,602,834.59</u>	<u>25,602,834.59</u>
e. Customers' deposits	<u>-</u>	<u>-</u>
f. Loans payable	<u>16,705,579.65</u>	<u>16,705,579.65</u>
g. Payable to creditors eg. suppliers	<u>34,706,139.53</u>	<u>34,706,139.53</u>
5.6 FINANCIAL RATIOS	<u>This Month</u>	<u>Year-to-Date</u>
a. Operating Ratio (benchmark = ≤ 0.75)		
<u>Operating Expenses</u>	<u>24,603,159.82</u>	<u>190,900,750.76</u>
Operating Revenues	15,806,006.80	193,038,361.25
	= 1.56	= 0.99

b. Net Income Ratio				
	<u>Net Income (Loss)</u>	<u>(8,906,070.58)</u>	= (0.56)	<u>737,601.34</u> =
	Total Revenues	15,812,933.46		193,167,147.10 = 0.00
c. Current Ratio (benchmark = ≥ 1.5)				
	<u>Current Assets</u>			<u>75,274,876.57</u> =
	Current Liabilities			34,706,139.53 = 2.17

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>23</u>	<u>282.89</u>	<u>735,514</u>	Based on flow meter
b. Springs				
c. Surface/River				
d. Bulk purchase				
Total	<u>23</u>	<u>282.89</u>	<u>735,514</u>	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

a. WD-Owned Sources	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
1 Gravity			Based on flow meter
2 Pumped	<u>547,457.0</u>	<u>6,553,677.0</u>	
Sub-Total	<u>547,457.0</u>	<u>6,553,677.0</u>	
b. External Source/s	<u>-</u>	<u>-</u>	
Total	<u>547,457.0</u>	<u>6,553,677.0</u>	

6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	<u>503,429.00</u>	<u>6,043,913.00</u>
b. Total power cost for pumping (PHP)	<u>4,031,852.35</u>	<u>44,619,019.97</u>
c. Other energy cost (oil, etc.) (PHP)	<u>1,010,243.55</u>	<u>11,735,782.78</u>
d. Total Pumping Hours (motor drive)	<u>18,075.50</u>	<u>214,046.12</u>
e. Total Pumping Hours (engine drive)	<u>18,075.50</u>	<u>214,046.12</u>
f. Total Chlorine consumed (Kg.)	<u>220</u>	<u>2,215</u>
g. Total Chlorine cost (PHP)	<u>99,950.00</u>	<u>1,007,250.00</u>
h. Total cost of other chemicals (PHP)	<u>-</u>	<u>-</u>
Total Production Cost	<u>₱ 5,142,045.90</u>	<u>₱ 57,362,052.75</u>

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	<u>438,160</u>	<u>5,296,133</u>
Residential	<u>398,911</u>	<u>4,842,558</u>
Government	<u>6,938</u>	<u>74,109</u>
Commercial/Industrial (Total)	<u>32,035</u>	<u>377,616</u>
Full Commercial	<u>12,965</u>	<u>142,316</u>
Commercial A	<u>8,930</u>	<u>106,758</u>
Commercial B	<u>4,967</u>	<u>62,815</u>
Commercial C	<u>5,173</u>	<u>65,727</u>
Commercial D	<u>-</u>	<u>-</u>
Bulk/Wholesale	<u>276</u>	<u>1,850</u>
b. Unmetered billed	<u>-</u>	<u>-</u>
c. Total billed	<u>438,160</u>	<u>5,296,133</u>
d. Metered unbilled	<u>-</u>	<u>-</u>

e. Unmetered unbilled	-	
f. Total Accounted	438,160	5,296,133

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	19.0	
Residential (m ³ /conn/mo.)	18.0	
Government (m ³ /conn/mo)	119.6	
Commercial/Industrial (m ³ /conn/mo)	38.2	
Bulk/Wholesale (m ³ /conn/mo)	276.0	
b. Average liters per capita/day (lpcd)	119.8	
c. Accounted for water (%)	80.0%	80.8%
d. Revenue Producing Water (%)	80.0%	80.8%
e. Percent Non-revenue Water (%)	20%	19%
f. 24/7 Water Service (Y/N)	Yes	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m ³)
a. Elevated Reservoir(s)	13	645,000
b. Ground Reservoir(s)	0	-

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	176
b. Regular	83
c. Casual	71
d. Job-order/COS	22
e. Number of active connections/employee	150
f. Average monthly salary/employee	20,894.22

8.2 BOARD OF DIRECTORS

a. Board of Directors

Position	Name	Number of Meetings Attended						
		This Month			Year-to-Date			
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total	
C	1	ATTY. ILUMINADA V. FABROA	2	0	2	24	0	24
VC	2	ENGR. CESARIO R. MULLET	2	0	2	24	0	24
S	3	REV. DR. MELY S. MOJICA	2	0	2	24	0	24
T	4	ENGR. MICHAEL I. TORRES	2	0	2	24	0	24
M	5	JANET L. AYALA	2	0	2	24	0	24
6thM	6	n/a						

	This Month	Year-to-Date
a. No. of Resolutions passed	12	53
b. No. of Policies passed		
c. Directors fees paid	P 465,192.00	1,196,208.00
d. Meetings:		
1. Held	2	24
2. Regular	2	24
3. Special/Emergency	0	0

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.	Expansion Project	213,250.00	GF	100%
b.	Construction of Septage Shower Room/Locker	500,000.00	GF	93%
c.	Pump House Construction	2,500,000.00	GF	92%
d.	Riser Pipes	757,025.00	GF	100%
e.	Construction of GMAWD Sub-office	500,000.00	GF	78%
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	3,023,816.30	0	33,621.00	403,452.00	9/1/2023
2	35,562,885.35	0	392,089.00	4,705,068.00	10/1/2026
3					
4					
5					
	Total	0	425,710.00	5,108,520.00	
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

h. Computerized Read & Bill	YES
i. Computerized Accounting System	YES
j. Computerized Inventory System	On-going

11. KEY PERFORMANCE INDICATORS:

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	19%	≤ 20%
b. Collection Efficiency (%) - YTD	95.9%	≥ 90%
c. S.Conn. Market Growth - YTD	750	100
d. Capex (Php) - YTD	19,854,901.72	203,031,238.54
e. LWUA-WD JSA Reserves (%) - YTD	7.87%	≥ 3% of Item 5.1
f.1 Water Quality Compliance - Bacti (Y/N)	Y	Y
f.2 Water Quality Compliance - Phychem (Y/N)	Y	Y
f.3 Water Quality Compliance -Residual Chlorine (Y/N)	Y	Y
g. Current Ratio - YTD	2.17	≥ 1.5
h. Average Monthly Net Income (Php)	61,303.86	positive
i. Staff Productivity Index	150	120
j. 24/7 Water Service (% of Active S Conn)	68%	Y
k. With Sanitation Facilities (Yes or No)	Y	Y

Prepared by:


 MA. CECILIA R. BUENO
 OIC - Finance Division

Certified Correct:


 JULIET M. NACITA
 General Manager