

MONTHLY DATA SHEET

For the Month Ending 28-Feb 2023

Name of Water District :	BALIWAG
Province :	BULACAN
Region :	3
CCC No. :	407
Email Address :	official@baliwagwd.com
Website, if any:	www.baliwagwd.com.ph
Contact Nos. (mobile):	0917-560-3045
(landline) :	(044) 766-2618
Geo Coordinates of WD Office(Longitude,Latitude) :	120°54'05"φ14°57'23"
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.
Name of Municipality(ies)	Mun. Class		
Main Mun.: Baliwag	First	27	27
Annexed:			100.0%
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2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	39,966		
2.2 Total Active	35,918		
2.3 Total metered	34,915		
2.4 Total billed	34,915		
2.5 Ave. Persons/Conn.	3.8		
2.6 Population Served (2.2 x 2.5)	136,488		
2.7 Growth in Service Connections (S. C.)		This Month	Year-to-Date
New		118	270
Reconnection		1,038	2,200
Disconnected		1,142	2,452
Increase (Decrease) in S. C.		14	18
2.8 No. of Customers in Arrears	5,903	(16.4%)	
2.9 No. of Active Connections		Metered	Unmetered
Residential/Domestic	32,399		32,399
Government	140		140
Commercial/Industrial	2,374	-	2,374
Full Commercial	586		586
Commercial A	358		358
Commercial B	1,427		1,427
Commercial C	3		3

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Commercial D			-
Bulk/Wholesale	2		2
Total	34,915	-	34,915

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): 01/19/2017 Effectivity (mm/dd/year): 3/1/2017

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	P 200.00	P 22.90	P 26.00	29.20	P 33.05	P 37.35	P
Commercial/Industrial	400.00	45.50	52.00	58.40	66.10	74.70	
Commercial A	350.00	40.05	45.50	51.10	57.80	65.35	
Commercial B	300.00	34.35	39.00	43.80	49.55	56.00	
Commercial C	250.00	28.60	32.50	36.50	41.30	46.65	
Commercial D							
Bulk Sales	600.00	68.70	78.00	87.60	99.15	112.05	

4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	P 18,284,550.80	P 36,601,721.15
b. Current - unmetered		
c. Penalty Charges	526,335.95	1,033,928.00
d.		
Less: Senior Citizen & PWD Discount	11,447.36	23,506.71
Total	P 18,799,439.39	P 37,612,142.44

4.2 BILLING PER CONSUMER CLASS:	This Month	Year-to-Date
e Residential/Domestic	P 13,271,673.75	P 26,690,942.45
f Government	296,064.95	519,542.25
g Commercial/Industrial	4,479,872.10	8,910,076.45
h Bulk/Wholesale	236,940.00	481,160.00
Total	P 18,284,550.80	P 36,601,721.15

4.3 COLLECTION (Water Sales)	This Month	Year-to-Date
a. Current account	P 13,730,420.16	P 28,265,904.68
b. Arrears - current year	3,449,207.83	4,111,439.15
c. Arrears - previous years	642,738.95	5,368,893.19
Total	P 17,822,366.94	P 37,746,237.02

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 13,503,995.88

4.5 ON-TIME-PAID, This Month This Month Year-to-Date

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 75.1\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{32,377,343.83}{37,612,142.44} = 86.1\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{37,746,237.02}{51,116,138.32} = 73.8\%$$

5. FINANCIAL DATA:

	This Month	Year-to-Date
5.1 REVENUES		
a. Operating Revenues	P 24,063,268.45	P 48,197,929.92
b. Non-Operating revenues	14,481.14	28,065.18
Total	P 24,077,749.59	P 48,225,995.10
5.2 EXPENSES		
a. Salaries and wages	P 4,595,583.18	P 9,288,806.48
b. Pumping cost (Fuel, Oil, Electric)	3,106,766.14	5,873,906.80
c. Chemicals (treatment)	1,839,052.50	3,630,277.50
d. Other O & M Expense	6,454,549.88	15,340,784.65
e. Depreciation Expense	2,779,386.99	5,542,431.38
f. Interest Expense	894,504.72	1,800,962.43
g. Others	12,964.46	26,622.06
Total	P 19,682,807.87	P 41,503,791.30
5.3 NET INCOME (LOSS)	P 4,394,941.72	P 6,722,203.80
5.4 CASH FLOW STATEMENT		
a. Receipts	P 23,139,785.64	P 49,069,915.25
b. Disbursements	29,326,391.85	58,139,274.59
c. Net Receipts (Disbursements)	(6,186,606.21)	(9,069,359.34)
d. Cash balance, beginning	24,349,840.92	27,232,594.05
e. Cash balance, ending	18,163,234.71	18,163,234.71
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	18,888,002.29
1. Cash on hand	P -	P 669,297.01
2. Cash in bank	-	10,665,530.18
3. Special Deposits	-	-
4. Investments	-	724,767.58
5. Working fund	-	50,000.00
6. Reserves	-	-
6.1 WD-LWUA JSA	-	6,778,407.52
6.2 General Reserves	-	-
c. Materials & Supplies inventory	P -	P 8,328,951.63
d. Accounts Receivable	-	22,203,246.07

1. Customers	₱		₱	20,086,892.44
2. Materials on loans				2,067,978.63
3. Officers & Employees				48,375.00
e Customers' deposits				173,998.52
f Loans payable				26,799,745.42
g Payable to creditors eg. suppliers				7,605,154.09

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	18,775,338.69	= 0.78	39,676,206.81	= 0.82
<u>Operating Revenues</u>	24,063,268.45		48,197,929.92	
b. Net Income Ratio				
<u>Net Income (Loss)</u>	4,394,941.72	= 0.18	6,722,203.80	= 0.14
<u>Total Revenues</u>	24,077,749.59		48,225,995.10	
c Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			48,376,031.61	= 1.28
<u>Current Liabilities</u>			37,926,787.06	

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			Basis of Data
	Number	(In LPS) or (in Cum/Mo)		
a. Wells	28	398		MDS Information Form
b. Springs				
c. Surface/River				
d. Bulk purchase	1	47		MDS Information Form
Total	29	445	-	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m ³)	This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources			
1 Gravity			
2 Pumped	695,320.0	1,385,732.0	Flow Meter
Sub-Total	695,320.0	1,385,732.0	
b. External Source/s	80,247.1	159,601.7	
Total	775,567.1	1,545,333.7	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	311,970.00	625,940.00
b. Total power cost for pumping (PHP)	2,913,984.80	5,935,787.47
c. Other energy cost (oil, etc.) (PHP)	21,923.24	34,030.57
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	341.00	708.00
g. Total Chlorine cost (PHP)	163,680.00	339,840.00
h. Total cost of other chemicals (PHP)	1,611,692.50	3,230,117.50

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Total Production Cost	₱	4,711,280.54	₱	9,539,775.54
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6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	644,003.0	1,290,005.0
Residential	548,734.0	1,102,262.0
Government	8,609.0	14,958.0
Commercial/Industrial (Total)	74,813.0	148,727.0
Full Commercial	37,477.0	74,904.0
Commercial A	15,370.0	30,419.0
Commercial B	21,964.0	43,402.0
Commercial C	2.0	2.0
Commercial D		
Bulk/Wholesale	11,847.0	24,058.0
b. Unmetered billed		
c. Total billed	644,003.0	1,290,005.0
d. Metered unbilled	6,048.1	10,289.5
e. Unmetered unbilled	5,849.2	10,567.4
f. Total Accounted	655,900.2	1,310,861.9

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	18.4	
Residential (m ³ /conn/mo.)	16.9	
Government (m ³ /conn/mo)	61.5	
Commercial/Industrial (m ³ /conn/mo)	31.5	
Bulk/Wholesale (m ³ /conn/mo)	5923.5	
b. Average liters per capita/day (lpcd)	148.6	
c. Accounted for water (%)	84.6%	84.8%
d. Revenue Producing Water (%)	83.0%	83.5%
e. Percent Non-revenue Water (%)	17%	17%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m ³)
a. Elevated Reservoir(s)	4 ✓	738
b. Ground Reservoir(s)	6 ✓	4,700

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	166
b. Regular	144
c. Casual	2
d. Job-order/COS	20
e. Number of active connections/employee	239
f. Average monthly salary/employee	31,567.64

8.2 BOARD OF DIRECTORS

a. Board of Directors	Number of Meetings Attended
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Position	Name	This Month			Year-to-Date			
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total	
C	1	Florido S. Santos	2	2	4	4	4	8
VC	2	Jacqueline D. Samson	2	2	4	4	4	8
S	3	Conrado E. Evangelista	2	2	4	4	4	8
T	4	Hazel M. Galang	2	2	4	4	4	8
M	5	Victoria G. Canosa	2	2	4	4	4	8
6thM	6							

	This Month	Year-to-Date
a. No. of Resolutions passed	6	19
b. No. of Policies passed	0	0
c. Directors fees paid	P 136,448.00	272,896.00
d. Meetings:		
1. Held	4	8
2. Regular	2	4
3. Special/Emergency	2	4

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.	Transmission Line (Supply and Installation) at Baliwag, Bulacan	63274.27	LOAN	93%
b.				
c.	Dedicated Line and Installation of Motorized	714	ICG	35.21%
d.	Valve with Control Project at Casimiro			
e.	Northville, Brgy. Virgen Delas Flores, Baliwag			
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	1113407		10232		2024
2	18629666		188616		2030
3					
4					

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5				
	Total		198848	
b. Loans from Other Fund Sources				
1	196073533.4		1778305.98	2023-2030
2	1468000		47696	2023
3	123650884		1704045.59	2026-2031
4				
5				
	Total		3530047.57	

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:


10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

	<u>Year when Last installed /reviewed</u>
a. CPS I Installation	1989
b. CPS II Installation	2009
c. Water Rates Review	Jan-17
d. Water Safety Plan Review	September 26, 2022
e. Business Plan Review	Oct-22
f. Groundwater Data Bank Installation	
g. Computerized Billing & Collection System	Mar 1, 2017 (Ver 3.0)
h. Computerized Read & Bill	
i. Computerized Accounting System	Jan 1, 2019 (Ver 2.1)
j. Computerized Inventory System	Jul 1, 2020 (Ver 2.2)


11. KEY PERFORMANCE INDICATORS:

	<u>Actual</u>	<u>KPI Monitoring Benchmark</u>
a. Non-Revenue Water (%) - YTD	17%	≤ 20%
b. Collection Efficiency (%) - YTD	86.1%	≥ 90%
c. S.Conn. Market Growth - YTD	18	
d. Capex (Php) - YTD	3,243,715.50	
e. LWUA-WD JSA Reserves (%) - YTD	17.96%	≥ 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	1.28	≥ 1.5
h. Average Monthly Net Income (Php)	3,361,101.90	positive
i. Staff Productivity Index	239	
j. 24/7 Water Service (% of Active S Conn)	Y	Y
k. With Sanitation Facilities (Yes or No)	Y	Y

Prepared by:


Eloisa E. Ramos

Certified Correct:


Victoria E. Signo
General Manager