

# MONTHLY DATA SHEET

For the Month Ending 31-Oct 2023

<b>Name of Water District :</b>	<b>BALIWAG</b>
<b>Province :</b>	<b>BULACAN</b>
<b>Region :</b>	<b>3</b>
<b>CCC No. :</b>	<b>407</b>
<b>Email Address :</b>	<a href="mailto:official@baliwagwd.com.ph">official@baliwagwd.com.ph</a>
<b>Website, if any:</b>	<a href="http://www.baliwagwd.com.ph">www.baliwagwd.com.ph</a>
<b>Contact Nos. (mobile):</b>	<b>0917-560-3045</b>
<b>(landline) :</b>	<b>(044) 766-2618</b>
<b>Geo Coordinates of WD Office(Longitude,Latitude) :</b>	<b>λ120°54'05" φ14°57'23"</b>
<b>Under Joint Venture Agreement? (Yes/No):</b>	<b>No</b>

## 1. MUNICIPAL DATA/SERVICE COVERAGE

	Municipality(ies) Served		Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys.
Main Mun.:	Baliwag	First	27	27	100.0%
Annexed:					
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## 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	40,900		
2.2	Total Active	36,711		
2.3	Total metered	35,690		
2.4	Total billed	35,690		
2.5	Ave. Persons/Conn.	3.8		
2.6	Population Served (2.2 x 2.5)	139,502		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		77	1,190
	Reconnection		1,421	12,011
	Disconnected		1,532	13,381
	Increase (Decrease) in S. C.		(34)	(180)
2.8	No. of Customers in Arrears	6,146	( 16.7% )	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	33,107		33,107
	Government	142		142
	Commercial/Industrial	2,439	-	2,439
	Full Commercial	604		604
	Commercial A	375		375
	Commercial B	1,457		1,457
	Commercial C	3		3



Commercial D			-
Bulk/Wholesale	2		2
<b>Total</b>	<b>35,690</b>	<b>-</b>	<b>35,690</b>

**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 CHARGES	COMMODITY CHARGES					
		11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	61 & Above
Domestic/Government	₱ 200.00	₱ 22.90	₱ 26.00	29.20	₱ 33.05	₱ 37.35	₱
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	₱ 19,154,296.00	₱ 191,342,135.65
b. Current - unmetered		
c. Penalty Charges	542,727.55	5,227,982.14
d. Less: Senior Citizen & PWD Discount	14,210.70	129,975.51
<b>Total</b>	<b>₱ 19,682,812.85</b>	<b>₱ 196,440,142.28</b>

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	₱ 13,891,111.25	₱ 139,107,347.35
f Government	310,983.15	2,877,951.80
g Commercial/Industrial	4,651,541.60	46,638,236.50
h Bulk/Wholesale	300,660.00	2,718,600.00
<b>Total</b>	<b>₱ 19,154,296.00</b>	<b>₱ 191,342,135.65</b>

4.3 COLLECTION (Water Sales)		
a. Current account	₱ 14,685,014.65	₱ 148,813,801.14
b. Arrears - current year	5,076,394.01	41,422,786.10
c. Arrears - previous years	31,136.70	5,862,694.74
<b>Total</b>	<b>₱ 19,792,545.36</b>	<b>₱ 196,099,281.98</b>

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
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 =$	76.7%	

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{190,236,587.24}{196,440,142.28} = 96.8\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{196,099,281.98}{209,944,138.16} = 93.4\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
<b>5.1 REVENUES</b>		
a. Operating Revenues	P 24,678,749.13	P 248,245,764.26
b. Non-Operating revenues	142,427.65	536,645.30
Total	P 24,821,176.78	P 248,782,409.56
<b>5.2 EXPENSES</b>		
a. Salaries and wages	P 4,597,464.54	P 46,685,614.62
b. Pumping cost (Fuel, Oil, Electric)	3,198,358.68	31,712,799.15
c. Chemicals (treatment)	1,684,517.50	17,044,907.50
d. Other O & M Expense	11,381,637.85	95,570,309.55
e. Depreciation Expense	2,782,436.91	27,851,348.67
f. Interest Expense	822,732.53	8,665,593.82
g. Others	16,086.90	147,268.11
Total	P 24,483,234.91	P 227,677,841.42
<b>5.3 NET INCOME (LOSS)</b>	P 337,941.87	P 21,104,568.14
<b>5.4 CASH FLOW STATEMENT</b>		
a. Receipts	P 28,326,069.11	P 268,491,833.95
b. Disbursements	24,044,430.64	262,733,972.04
c. Net Receipts (Disbursements)	4,281,638.47	5,757,861.91
d. Cash balance, beginning	28,708,817.49	27,232,594.05
e. Cash balance, ending	32,990,455.96	32,990,455.96
<b>5.5 MISCELLANEOUS (Financial)</b>		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	33,716,891.56
1. Cash on hand	P -	P 874,175.81
2. Cash in bank	-	25,285,816.31
3. Special Deposits	-	-
4. Investments	-	726,435.60
5. Working fund	-	50,000.00
6. Reserves	-	-
6.1 WD-LWUA JSA	-	6,780,463.84
6.2 General Reserves	-	-
c. Materials & Supplies inventory	P -	P 7,310,427.44
d. Accounts Receivable	-	22,924,527.73

1. Customers	₱		₱	20,675,153.75
2. Materials on loans				2,071,373.98
3. Officers & Employees				178,000.00
e Customers' deposits				2,188,325.08
f Loans payable				5,147,616.93
g Payable to creditors eg. suppliers				11,478,150.24

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
<u>Operating Expenses</u>	23,644,415.48	=	218,864,979.49	=
<u>Operating Revenues</u>	24,678,749.13	0.96	248,245,764.26	0.88
b. Net Income Ratio				
<u>Net Income (Loss)</u>	337,941.87	=	21,104,568.14	=
<u>Total Revenues</u>	24,821,176.78	0.01	248,782,409.56	0.08
c. Current Ratio ( benchmark = $\geq 1.5$ )				
<u>Current Assets</u>			63,516,299.62	=
<u>Current Liabilities</u>			19,747,875.33	3.22

## 6. WATER PRODUCTION DATA:

### 6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(In LPS)	or (in Cum/Mo)	
a. Wells	26	391		MDS Information Form
b. Springs				
c. Surface/River				
d. Bulk purchase	2	61		MDS Information Form
<b>Total</b>	<b>28</b>	<b>452</b>	<b>-</b>	

Conversion: 1 LPS ~ 2,600 cum/mo

### 6.2 WATER PRODUCTION (m<sup>3</sup>)

	This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources			
1 Gravity			
2 Pumped	700,535.0	7,066,345.0	Flow Meter
Sub-Total	700,535.0	7,066,345.0	
b. External Source/s	95,957.8	892,976.9	
<b>Total</b>	<b>796,492.8</b>	<b>7,959,321.9</b>	

### 6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	322,414.00	3,228,987.00
b. Total power cost for pumping (PHP)	3,248,486.40	31,565,962.67
c. Other energy cost (oil, etc.) (PHP)	61,920.00	380,667.23
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	306.00	3,252.00
g. Total Chlorine cost (PHP)	146,880.00	1,560,960.00
h. Total cost of other chemicals (PHP)	1,473,317.50	15,275,787.50

Total Production Cost	₱	4,930,603.90	₱	48,783,377.40
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6.4 ACCOUNTED FOR WATER (m<sup>3</sup>)

a. Total Billed Metered Consumption (m <sup>3</sup> )	672,197.0	6,732,240.0
Residential	571,058.0	5,737,180.0
Government	8,955.0	83,026.0
Commercial/Industrial (Total)	77,151.0	776,104.0
Full Commercial	38,202.0	392,652.0
Commercial A	16,247.0	159,523.0
Commercial B	22,574.0	223,606.0
Commercial C	128.0	323.0
Commercial D		
Bulk/Wholesale	15,033.0	135,930.0
b. Unmetered billed		
c. Total billed	672,197.0	6,732,240.0
d. Metered unbilled	8,278.5	74,524.7
e. Unmetered unbilled	48,215.0	81,592.5
f. Total Accounted	728,690.6	6,888,357.2

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	18.8	
Residential (m <sup>3</sup> /conn/mo.)	17.2	
Government (m <sup>3</sup> /conn/mo)	63.1	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	31.6	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	7516.5	
b. Average liters per capita/day (lpcd)	151.3	
c. Accounted for water (%)	91.5%	86.5%
d. Revenue Producing Water (%)	84.4%	84.6%
e. Percent Non-revenue Water (%)	16%	15%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m <sup>3</sup> )
a. Elevated Reservoir(s)	4	840
b. Ground Reservoir(s)	8	5,850

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	160
b. Regular	141
c. Casual	5
d. Job-order/COS	14
e. Number of active connections/employee	244
f. Average monthly salary/employee	31,512.84

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	20	20	40
VC	2	Jacqueline D. Samson	2	2	4	19	19	38
S	3	Conrado E. Evangelista	2	2	4	20	20	40
T	4	Hazel M. Galang	2	2	4	20	20	40
M	5	Victoria G. Canosa	2	2	4	20	20	40
6thM	6							

	This Month	Year-to-Date
a. No. of Resolutions passed	1	62
b. No. of Policies passed	1	4
c. Directors fees paid	P 136,448.00	1,353,360.00
d. Meetings:		
1. Held	4	40
2. Regular	2	20
3. Special/Emergency	2	20

**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 ACCOMPLISHMENT
a. Site Development Project at Brgy. Makinabang	4,800	Loan	79%
b. Supply of Labor & Materials for 150 mm	603.8	ICG	100.00%
c. Discharge Line at Brgy. Makinabang			
d. Supply of Labor & Materials for Transmission	980.00	Loan	100%
e. Line Including Interconnection Works Program			
f. Supply of Labor and Materials For	55	ICG	49.73%
g. Replacement of Discharge Line Segment at			
h. Matangtubig Pumping Station			
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	153303955.8		1308525.29	2013-2030
2	MATURED		MATURED	2023
3	141954664		1865196.46	2021-2031
4				
5				
	Total		3173721.75	

**10. INSTITUTIONAL DEVELOPMENT/REVIEWS:**

**10.1 LWUA REVIEW AND SYSTEMS INSTALLATION**

Year when Last installed /reviewed

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:**

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	15%	≤ 20%
b. Collection Efficiency (%) - YTD	96.8%	≥ 90%
c. S.Conn. Market Growth - YTD	-180	
d. Capex (Php) - YTD	17,575,979.52	
e. LWUA-WD JSA Reserves (%) - YTD	3.46%	≥ 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	3.22	≥ 1.5
h. Average Monthly Net Income (Php)	2,110,456.81	positive
i. Staff Productivity Index	244	
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:

  
Ma. Victoria E. Signo  
General Manager