

MONTHLY DATA SHEET

For the Month Ending **31-Mar** **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 / 100.0%
Annexed:			
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2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	40,115		
2.2 Total Active	36,052		
2.3 Total metered	35,031		
2.4 Total billed	35,031		
2.5 Ave. Persons/Conn.	3.8		
2.6 Population Served (2.2 x 2.5)	136,998		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		157	427
Reconnection		1,149	3,349
Disconnected		1,347	3,799
Increase (Decrease) in S. C.		(41)	(23)
2.8 No. of Customers in Arrears	6,610	(18.3%)	
2.9 No. of Active Connections		<u>Metered</u>	<u>Unmetered</u> / <u>Total</u>
Residential/Domestic	32,513		32,513
Government	139		139
Commercial/Industrial	2,377	-	2,377
Full Commercial	591		591
Commercial A	362		362
Commercial B	1,421		1,421
Commercial C	3		3




Commercial D			-
Bulk/Wholesale	2		2
Total	35,031	-	35,031

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					61 & Above
		11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	
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	₱ 17,075,783.35	₱ 53,677,504.50
b. Current - unmetered		
c. Penalty Charges	448,894.55	1,482,822.55
d. Less: Senior Citizen & PWD Discount	12,130.80	35,637.51
Total	₱ 17,512,547.10	₱ 55,124,689.54

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	₱ 12,329,217.25	₱ 39,020,159.70
f Government	280,025.30	799,567.55
g Commercial/Industrial	4,253,200.80	13,163,277.25
h Bulk/Wholesale	213,340.00	694,500.00
Total	₱ 17,075,783.35	₱ 53,677,504.50

4.3 COLLECTION (Water Sales)		
a. Current account	₱ 14,046,004.77	₱ 42,311,909.45
b. Arrears - current year	4,685,304.79	8,796,743.94
c. Arrears - previous years	183,313.15	5,552,206.34
Total	₱ 18,914,622.71	₱ 56,660,859.73

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

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 82.3\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{51,108,653.39}{55,124,689.54} = 92.7\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{56,660,859.73}{68,628,685.42} = 82.6\%$$

5. FINANCIAL DATA:

	This Month	Year-to-Date
5.1 REVENUES		
a. Operating Revenues	P 22,493,872.74	P 70,691,802.66
b. Non-Operating revenues	36,356.34	64,421.52
Total	P 22,530,229.08	P 70,756,224.18
5.2 EXPENSES		
a. Salaries and wages	P 4,606,928.05	P 13,895,734.53
b. Pumping cost (Fuel, Oil, Electric)	3,089,215.57	8,963,122.37
c. Chemicals (treatment)	1,509,425.00	5,139,702.50
d. Other O & M Expense	8,698,508.98	24,039,293.63
e. Depreciation Expense	2,778,055.71	8,320,487.09
f. Interest Expense	811,331.46	2,612,293.89
g. Others	13,744.35	40,366.41
Total	P 21,507,209.12	P 63,011,000.42
5.3 NET INCOME (LOSS)	P 1,023,019.96	P 7,745,223.76
5.4 CASH FLOW STATEMENT		
a. Receipts	P 26,986,565.00	P 76,056,480.25
b. Disbursements	23,839,292.19	81,978,566.78
c. Net Receipts (Disbursements)	3,147,272.81	(5,922,086.53)
d. Cash balance, beginning	18,163,234.71	27,232,594.05
e. Cash balance, ending	21,310,507.52	21,310,507.52
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	22,036,514.82
1. Cash on hand	P -	P 457,288.35
2. Cash in bank	-	14,024,133.81
3. Special Deposits	-	-
4. Investments	-	726,007.30
5. Working fund	-	50,000.00
6. Reserves	-	-
6.1 WD-LWUA JSA	-	6,779,085.36
6.2 General Reserves	-	-
c. Materials & Supplies inventory	P -	P 9,294,650.71
d. Accounts Receivable	-	20,942,708.42



1. Customers	P		P	18,845,908.79
2. Materials on loans				2,050,099.63
3. Officers & Employees				46,700.00
e Customers' deposits				483,655.18
f Loans payable				24,237,430.68
g Payable to creditors eg. suppliers				8,453,631.96

5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	20,682,133.31	= 0.92	60,358,340.12	= 0.85
<u>Operating Revenues</u>	22,493,872.74		70,691,802.66	
b. Net Income Ratio				
<u>Net Income (Loss)</u>	1,023,019.96	= 0.05	7,745,223.76	= 0.11
<u>Total Revenues</u>	22,530,229.08		70,756,224.18	
c. Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			51,403,237.69	= 1.41
<u>Current Liabilities</u>			36,494,067.49	

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(In LPS)	or (in Cum/Mo)	
a. Wells	27	399		MDS Information Form
b. Springs				
c. Surface/River				
d. Bulk purchase	2	61		MDS Information Form
Total	29	460	-	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

	This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources			
1 Gravity			
2 Pumped	639,578.0	2,025,310.0	Flow Meter
Sub-Total	639,578.0	2,025,310.0	
b. External Source/s	69,380.3	228,982.0	
Total	708,958.3	2,254,292.0	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	303,689.00	929,629.00
b. Total power cost for pumping (PHP)	3,058,240.84	8,994,028.31
c. Other energy cost (oil, etc.) (PHP)	12,131.53	46,162.10
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	303.00	1,011.00
g. Total Chlorine cost (PHP)	145,440.00	485,280.00
h. Total cost of other chemicals (PHP)	1,403,185.00	4,633,302.50

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Total Production Cost	₱	4,618,997.37	₱	14,158,772.91
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6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	598,053.0	1,888,058.0
Residential	508,510.0	1,610,772.0
Government	8,159.0	23,117.0
Commercial/Industrial (Total)	70,717.0	219,444.0
Full Commercial	35,010.0	109,914.0
Commercial A	15,808.0	46,227.0
Commercial B	19,890.0	63,292.0
Commercial C	9.0	11.0
Commercial D		
Bulk/Wholesale	10,667.0	34,725.0
b. Unmetered billed		
c. Total billed	598,053.0	1,888,058.0
d. Metered unbilled	5,394.6	15,684.0
e. Unmetered unbilled	7,274.6	17,842.0
f. Total Accounted	610,722.2	1,921,584.1

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	17.1	
Residential (m ³ /conn/mo.)	15.6	
Government (m ³ /conn/mo)	58.7	
Commercial/Industrial (m ³ /conn/mo)	29.8	
Bulk/Wholesale (m ³ /conn/mo)	5333.5	
b. Average liters per capita/day (lpcd)	137.2	
c. Accounted for water (%)	86.1%	85.2%
d. Revenue Producing Water (%)	84.4%	83.8%
e. Percent Non-revenue Water (%)	16%	16%
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	167
b. Regular	144
c. Casual	2
d. Job-order/COS	21
e. Number of active connections/employee	240
f. Average monthly salary/employee	31,574.94

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	6	6	12
VC	2	Jacqueline D. Samson	2	2	4	6	6	12
S	3	Conrado E. Evangelista	2	2	4	6	6	12
T	4	Hazel M. Galang	2	2	4	6	6	12
M	5	Victoria G. Canaza	2	2	4	6	6	12
6thM	6							

	This Month	Year-to-Date
a. No. of Resolutions passed	3	22
b. No. of Policies passed	0	0
c. Directors fees paid	P 136,448.00	409,344.00
d. Meetings:		
1. Held	4	12
2. Regular	2	6
3. Special/Emergency	2	6

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.	Transmission Line (Supply and Installation)	63274.27	LOAN	93%
b.	at Baliwag, Bulacan			
c.	Dedicated Line and Installation of Motorized	714	ICG	100.00%
d.	Valve with Control Project at Casimiro			
e.	Northville, Brgy. Virgen Delas Flores, Baliwag			
f.	Drilling of One Production Well Depth: 180 LM, 3	4688	LOAN	30.25%
g.	at Brgy. Makinabang, Baliwag, Bulacan			
h.	Piping System, valving Activity and Purchase	458	ICG	46.83%
i.	of Disinfection System at Tarcan PS			
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		1743266.28	2023-2030
2	1468000		47696	2023
3	126569584		1682331.81	2026-2031
4				
5				
	Total		3473294.09	

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	16%	≤ 20%
b. Collection Efficiency (%) - YTD	92.7%	≥ 90%
c. S.Conn. Market Growth - YTD	-23	
d. Capex (Php) - YTD	4,843,171.38	
e. LWUA-WD JSA Reserves (%) - YTD	11.96%	≥ 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	1.41	≥ 1.5
h. Average Monthly Net Income (Php)	2,581,741.25	positive
i. Staff Productivity Index	240	
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