

MONTHLY DATA SHEET

For the Month Ending 30-Apr 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

	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)	40,221		
2.2 Total Active	36,150		
2.3 Total metered	35,132		
2.4 Total billed	35,132		
2.5 Ave. Persons/Conn.	3.8		
2.6 Population Served (2.2 x 2.5)	137,370		
2.7 Growth in Service Connections (S. C.)		This Month	Year-to-Date
New		95	522
Reconnection		1,090	4,439
Disconnected		1,120	4,919
Increase (Decrease) in S. C.		65	42
2.8 No. of Customers in Arrears	6,841	(18.9%)	
2.9 No. of Active Connections		Metered	Unmetered
Residential/Domestic	32,607		32,607
Government	139		139
Commercial/Industrial	2,384	-	2,384
Full Commercial	590		590
Commercial A	361		361
Commercial B	1,430		1,430
Commercial C	3		3

Commercial D			-
Bulk/Wholesale	2		2
Total	35,132	-	35,132

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	19,924,576.50	73,602,081.00
b. Current - unmetered		
c. Penalty Charges	524,670.55	2,007,493.10
d.		
Less: Senior Citizen & PWD Discount	12,413.20	48,050.71
Total	20,436,833.85	75,561,523.39

4.2 BILLING PER CONSUMER CLASS:	This Month	Year-to-Date
e Residential/Domestic	14,467,369.60	53,487,529.30
f Government	317,609.75	1,117,177.30
g Commercial/Industrial	4,859,717.15	18,022,994.40
h Bulk/Wholesale	279,880.00	974,380.00
Total	19,924,576.50	73,602,081.00

4.3 COLLECTION (Water Sales)	This Month	Year-to-Date
a. Current account	15,360,817.01	57,672,726.46
b. Arrears - current year	3,606,017.43	12,402,761.37
c. Arrears - previous years	96,925.25	5,649,131.59
Total	19,063,759.69	75,724,619.42

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

4.5 ON-TIME-PAID, This Month

$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 77.1\%$	This Month	Year-to-Date
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4.6 COLLECTION EFFICIENCY, Y-T-D

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$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{70,075,487.83}{75,561,523.39} = 92.7\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{75,724,619.42}{89,065,519.27} = 85.0\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P 25,576,458.52	P 96,268,261.18
b. Non-Operating revenues	6,113.90	70,535.42
Total	P 25,582,572.42	P 96,338,796.60
5.2 EXPENSES		
a. Salaries and wages	P 4,599,101.01	P 18,494,835.54
b. Pumping cost (Fuel, Oil, Electric)	3,253,642.57	12,216,764.94
c. Chemicals (treatment)	1,730,400.00	6,870,102.50
d. Other O & M Expense	11,251,381.29	35,290,674.92
e. Depreciation Expense	2,780,097.52	11,100,584.61
f. Interest Expense	895,409.37	3,507,703.26
g. Others	14,085.25	54,451.66
Total	P 24,524,117.01	P 87,535,117.43
5.3 NET INCOME (LOSS)	P 1,058,455.41	P 8,803,679.17
5.4 CASH FLOW STATEMENT		
a. Receipts	P 24,458,721.77	P 100,515,202.02
b. Disbursements	26,407,443.04	108,386,009.82
c. Net Receipts (Disbursements)	(1,948,721.27)	(7,870,807.80)
d. Cash balance, beginning	21,310,507.52	27,232,594.05
e. Cash balance, ending	19,361,786.25	19,361,786.25
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	20,087,793.55
1. Cash on hand	P -	P 734,179.77
2. Cash in bank	-	11,798,521.12
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 9,000,405.46
d. Accounts Receivable	-	22,228,427.74

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1. Customers	₱		₱	20,072,568.76
2. Materials on loans				2,042,068.98
3. Officers & Employees				113,790.00
e Customers' deposits				236,648.77
f Loans payable				21,439,747.40
g Payable to creditors eg. suppliers				10,002,478.00

5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	23,614,622.39	=	83,972,962.51	=
<u>Operating Revenues</u>	25,576,458.52	0.92	96,268,261.18	0.87
b. Net Income Ratio				
<u>Net Income (Loss)</u>	1,058,455.41	=	8,803,679.17	=
<u>Total Revenues</u>	25,582,572.42	0.04	96,338,796.60	0.09
c. Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			51,039,373.28	=
<u>Current Liabilities</u>			34,675,179.56	1.47

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	733,305.0	2,758,615.0	Flow Meter
Sub-Total	733,305.0	2,758,615.0	
b. External Source/s	92,531.0	321,513.0	
Total	825,836.0	3,080,128.0	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	332,317.00	1,261,946.00
b. Total power cost for pumping (PHP)	3,296,939.44	12,290,967.75
c. Other energy cost (oil, etc.) (PHP)	44,720.09	90,882.19
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	357.00	1,368.00
g. Total Chlorine cost (PHP)	171,360.00	656,640.00
h. Total cost of other chemicals (PHP)	1,560,960.00	6,194,262.50

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Total Production Cost	₱	5,073,979.53	₱	19,232,752.44
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6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	702,160.0	2,590,218.0
Residential	598,200.0	2,208,972.0
Government	9,198.0	32,315.0
Commercial/Industrial (Total)	80,768.0	300,212.0
Full Commercial	39,958.0	149,872.0
Commercial A	17,258.0	63,485.0
Commercial B	23,526.0	86,818.0
Commercial C	26.0	37.0
Commercial D		
Bulk/Wholesale	13,994.0	48,719.0
b. Unmetered billed		
c. Total billed	702,160.0	2,590,218.0
d. Metered unbilled	7,182.0	30,047.9
e. Unmetered unbilled	2,359.5	22,561.0
f. Total Accounted	711,701.4	2,642,826.9

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	20.0	
Residential (m ³ /conn/mo.)	18.3	
Government (m ³ /conn/mo)	66.2	
Commercial/Industrial (m ³ /conn/mo)	33.9	
Bulk/Wholesale (m ³ /conn/mo)	6997.0	
b. Average liters per capita/day (lpcd)	160.9	
c. Accounted for water (%)	86.2%	85.8%
d. Revenue Producing Water (%)	85.0%	84.1%
e. Percent Non-revenue Water (%)	15%	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)	7	4,700

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	165
b. Regular	143
c. Casual	2
d. Job-order/COS	20
e. Number of active connections/employee	242
f. Average monthly salary/employee	31,591.31

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	8	8	16
VC	2	Jacqueline D. Samson	2	2	4	8	8	16
S	3	Conrado E. Evangelista	2	2	4	8	8	16
T	4	Hazel M. Galang	2	2	4	8	8	16
M	5	Victoria G. Canosa	2	2	4	8	8	16
6thM	6							

	This Month	Year-to-Date
a. No. of Resolutions passed	3	25
b. No. of Policies passed	1	1
c. Directors fees paid	P 136,448.00	545,792.00
d. Meetings:		
1. Held	4	16
2. Regular	2	8
3. Special/Emergency	2	8

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	94%
b.				
c.	Piping Works with Motorized Valve and Purchase of Disinfection System and Chlorine House at Brighton PS	453	ICG	94.00%
d.				
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	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		1769138.69	2023-2030
2	1468000		47696	2023
3	126569584		1734674.84	2026-2031
4				
5				
	Total		3551509.53	

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	42	
d. Capex (Php) - YTD	7,782,950.80	
e. LWUA-WD JSA Reserves (%) - YTD	8.95%	≥ 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	1.47	≥ 1.5
h. Average Monthly Net Income (Php)	2,200,919.79	positive
i. Staff Productivity Index	242	
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. Sigfo
General Manager