

# MONTHLY DATA SHEET

For the Month Ending **April 30,** **2022**

<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:balwadis@yahoo.com">balwadis@yahoo.com</a>
<b>Website, if any:</b>	<a href="http://www.baliwagwd.com.ph">www.baliwagwd.com.ph</a>
<b>Contact Nos. (mobile):</b>	<a href="tel:0917-560-3045">0917-560-3045</a>
<b>(landline) :</b>	<b>(044) 766-2618</b>
<b>Geo Coordinates of WD Office(Longitude,Latitude) :</b>	<b>120°54'05"φ14°57'23"</b>
<b>Under Joint Venture Agreement? (Yes/No):</b>	<b>No</b>

## 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	Total No. of Brgys.	Percent (%) Served to Total Brgys.
Main Mun.: <b>Baliwag</b>	<b>First</b>	<b>27</b>	<b>27</b> <b>100.0%</b>
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## 2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	38,474		
2.2 Total Active	34,606		
2.3 Total metered	33,510		
2.4 Total billed	33,510		
2.5 Ave. Persons/Conn.	3.8		
2.6 Population Served (2.2 x 2.5)	131,503		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		165	514
Reconnection		1,209	3,559
Disconnected		1,267	4,365
Increase (Decrease) in S. C.		107	(292)
2.8 No. of Customers in Arrears	5,921	( 17.1% )	
2.9 No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
Residential/Domestic	30,874		30,874
Government	134		134
Commercial/Industrial	2,500	-	2,500
Full Commercial	7		7
Commercial A	967		967
Commercial B	418		418
Commercial C	1,108		1,108

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Commercial D			-
Bulk/Wholesale	2		2
<b>Total</b>	<b>33,510</b>	<b>-</b>	<b>33,510</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					61 & Above
		11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	
Domestic/Government	P 200.00	P 22.90	P 26.00	29.20	P 33.05	P 37.35	P
Commercial/Industrial							
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							

**4. BILLING & COLLECTION DATA:**

	<u>This Month</u>	<u>Year-to-Date</u>
4.1 BILLING (Water Sales)		
a. Current - metered	P 18,570,483.15	P 70,955,537.11
b. Current - unmetered		
c. Penalty Charges	590,681.90	2,139,179.40
d. Less: Senior Citizen & PWD Discount	10,944.98	44,557.23
<b>Total</b>	<b>P 19,150,220.07</b>	<b>P 73,050,159.28</b>

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 13,882,849.65	P 39,320,089.95
f Government	261,326.60	834,712.96
g Commercial/Industrial	4,171,730.90	15,685,565.95
h Bulk/Wholesale	254,576.00	716,416.00
<b>Total</b>	<b>P 18,570,483.15</b>	<b>P 56,556,784.86</b>

4.3 COLLECTION (Water Sales)		
a. Current account	P 14,155,294.62	P 54,205,593.20
b. Arrears - current year	3,716,334.60	12,637,543.13
c. Arrears - previous years	80,894.30	6,973,835.11
<b>Total</b>	<b>P 17,952,523.52</b>	<b>P 73,816,971.44</b>

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 14,027,483.12

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

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 76.3\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

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$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{66,843,136.33}{73,050,159.28} = 91.5\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{73,816,971.44}{87,077,642.40} = 84.8\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
<b>5.1 REVENUES</b>		
a. Operating Revenues	P 23,392,857.72	P 86,845,201.75
b. Non-Operating revenues	16,560.35	67,417.95
Total	P 23,409,418.07	P 86,912,619.70
<b>5.2 EXPENSES</b>		
a. Salaries and wages	P 4,708,580.20	P 19,175,026.68
b. Pumping cost (Fuel, Oil, Electric)	2,386,855.46	9,908,625.10
c. Chemicals (treatment)	1,817,725.00	7,378,780.00
d. Other O & M Expense	7,730,246.33	30,170,010.22
e. Depreciation Expense	2,612,185.41	10,447,794.86
f. Interest Expense	701,281.25	2,523,002.00
g. Others	12,447.93	50,826.28
Total	P 19,969,321.58	P 79,654,065.14
<b>5.3 NET INCOME (LOSS)</b>	P 3,440,096.49	P 7,258,554.56
<b>5.4 CASH FLOW STATEMENT</b>		
a. Receipts	P 28,378,344.45	P 55,273,122.72
b. Disbursements	33,422,336.12	54,531,427.29
c. Net Receipts (Disbursements)	(5,043,991.67)	741,695.43
d. Cash balance, beginning	24,787,350.17	18,977,231.13
e. Cash balance, ending	19,743,358.50	19,743,358.50
<b>5.5 MISCELLANEOUS (Financial)</b>		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand		
b. WD Funds (Total)	20,421,282.69	20,421,282.69
1. Cash on hand	P 661,352.71	P 661,352.71
2. Cash in bank	12,210,669.02	12,210,669.02
3. Special Deposits		
4. Investments	722,924.19	722,924.19
5. Working fund	50,000.00	50,000.00
6. Reserves		
6.1 WD-LWUA JSA	6,776,336.77	6,776,336.77
6.2 General Reserves		
c. Materials & Supplies inventory	P 8,354,940.29	P 8,354,940.29
d. Accounts Receivable	22,272,991.41	22,272,991.41

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1. Customers	P	20,155,904.75	P	20,155,904.75
2. Materials on loans		2,004,476.56		2,004,476.56
3. Officers & Employees		112,610.10		112,610.10
e Customers' deposits		156,507.91		156,507.91
f Loans payable		16,096,633.79		16,096,633.79
g Payable to creditors eg. suppliers		6,763,187.81		6,763,187.81

#### 5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
<u>Operating Expenses</u>	19,255,592.40	=	77,080,236.86	=
<u>Operating Revenues</u>	23,392,857.72	0.82	86,845,201.75	0.89
b. Net Income Ratio				
<u>Net Income (Loss)</u>	3,440,096.49	=	7,258,554.56	=
<u>Total Revenues</u>	23,409,418.07	0.15	86,912,619.70	0.08
c. Current Ratio ( benchmark = $\geq 1.5$ )				
<u>Current Assets</u>			50,814,135.95	=
<u>Current Liabilities</u>			26,511,041.59	1.92

## 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		389	MDS Information Form
b. Springs				
c. Surface/River				
d. Bulk purchase	1		47	MDS Information Form
Total	27	0	436	

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	701,787.0	2,748,096.0	Flow Meter
Sub-Total	701,787.0	2,748,096.0	
b. External Source/s	85,107.4	334,748.4	
Total	786,894.4	3,082,844.4	

### 6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	313,382.00	1,232,212.00
b. Total power cost for pumping (PHP)	2,700,617.49	10,061,559.64
c. Other energy cost (oil, etc.) (PHP)	118,609.51	630,384.91
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	331.00	1,591.00
g. Total Chlorine cost (PHP)	158,880.00	763,680.00
h. Total cost of other chemicals (PHP)	1,631,965.00	6,402,150.00

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Total Production Cost	P	4,610,072.00	P	17,857,774.55
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6.4 ACCOUNTED FOR WATER (m<sup>3</sup>)

a. Total Billed Metered Consumption (m <sup>3</sup> )	677,395.0	2,593,383.0
Residential	575,652.0	2,204,481.0
Government	7,440.0	30,975.0
Commercial/Industrial (Total)	78,392.0	297,240.0
Full Commercial	13,779.0	52,070.0
Commercial A	39,461.0	149,015.0
Commercial B	9,293.0	35,762.0
Commercial C	15,859.0	60,393.0
Commercial D		
Bulk/Wholesale	15,911.0	60,687.0
b. Unmetered billed		
c. Total billed	677,395.0	2,593,383.0
d. Metered unbilled	6,451.0	21,295.0
e. Unmetered unbilled	5,531.1	18,282.8
f. Total Accounted	689,377.1	2,632,960.8

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	20.2	
Residential (m <sup>3</sup> /conn/mo.)	18.6	
Government (m <sup>3</sup> /conn/mo)	55.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	31.4	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	7955.5	
b. Average liters per capita/day (lpcd)	163.6	
c. Accounted for water (%)	87.6%	85.4%
d. Revenue Producing Water (%)	86.1%	84.1%
e. Percent Non-revenue Water (%)	14%	16%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m <sup>3</sup> )
a. Elevated Reservoir(s)	3	720
b. Ground Reservoir(s)	6	4,700

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	169
b. Regular	147
c. Casual	10
d. Job-order/COS	12
e. Number of active connections/employee	213
f. Average monthly salary/employee	29,990.96

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	Victoria G. Canoza	2	2	4	10	8	18
VC	2	Florido S. Santos	2	2	4	10	8	18
S	3	Jacqueline D. Samson	2	2	4	10	8	18
T	4	Conrado E. Evangelista	2	2	4	10	8	18
M	5	Hazel M. Galang	2	2	4	10	8	18
6thM	6							

	This Month	Year-to-Date
a. No. of Resolutions passed	8	32
b. No. of Policies passed	0	4
c. Directors fees paid	₱ 136,448.00	545,792.00
d. Meetings:		
1. Held	4	18
2. Regular	2	10
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)	63274.27	LOAN	53%
b.	at Baliwag, Bulacan			
c.	Glass Fused Bolted Tank (Design, Supply, and Installation) at Brgy. Sta. Barbara	12049.62	LOAN	33%
d.				
e.	Septage Treatment Plant Upgrade Project	11,300	LOAN	91.59%
f.	at Brgy. San Roque			
g.	Glass Fused Bolted Tank (Design, Supply, and Installation) at Brgy. Sabang	10735.56	LOAN	4.87%
h.				
i.	Volume Capacity Upgrade of Septage Treatment Plant	11400	LOAN	86.73%
j.				
k.	Site Development (Supply of Labor and Materials) at Brgy. Sta. Barbara	1449	LOAN	5.92%
l.				
m.	Replacement of Booster Pump Piping Works and Discharge Line (Supply of Labor and Materials) at Brgy. Tarcan	293.8	ICG	25%
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					

5				
	Total		198848	
<b>b. Loans from Other Fund Sources</b>				
1	196073533.4		1859625.63	2023-2030
2	1468000		47696	2023
3	66254861.02		276328.23	2026-2031
4				
5				
	Total		2183649.86	

**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	July 10, 2019
e. Business Plan Review	May-18
f. Groundwater Data Bank Installation	none
g. Computerized Billing & Collection System	
h. Computerized Read & Bill	
i. Computerized Accounting System	
j. Computerized Inventory System	

**11. KEY PERFORMANCE INDICATORS:**

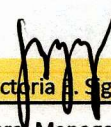
	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	16%	≤ 20%
b. Collection Efficiency (%) - YTD	91.5%	≥ 90%
c. S.Conn. Market Growth - YTD	-292	
d. Capex (Php) - YTD	9775806.88	
e. LWUA-WD JSA Reserves (%) - YTD	9.18%	≥ 3% of Item 5.1
f.1 Water Quality Compliance - Bacti (Y/N)	Y	Y
f.2 Water Quality Compliance - Phychem (Y/N)	Y	Y
f.3 Water Quality Compliance -Residual Chlorine (Y/N)	Y	Y
g. Current Ratio - YTD	1.92	≥ 1.5
h. Average Monthly Net Income (Php)	1814638.64	positive
i. Staff Productvity Index	213	
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 B. Signo  
General Manager