

MONTHLY DATA SHEET

For the Month Ending December 31, 2021

Name of Water District :	BALIWAG
Province :	BULACAN
Region :	3
CCC No. :	407
Email Address :	balwadis@yahoo.com
Website, if any:	www.baliwagwd.com
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

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

2.1	Total Service (Active + Inactive)	37,960		
2.2	Total Active	34,341		
2.3	Total metered	32,856		
2.4	Total billed	32,856		
2.5	Ave. Persons/Conn.	4.1		
2.6	Population Served (2.2 x 2.5)	140,798		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		101	1,323
	Reconnection		1,229	16,783
	Disconnected		625	16,361
	Increase (Decrease) in S. C.		705	1,745
2.8	No. of Customers in Arrears	6,142	(17.9%)	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	30,375		30,375
	Government	134		134
	Commercial/Industrial	2,345	-	2,345
	Full Commercial	7		7
	Commercial A	878		878
	Commercial B	401		401
	Commercial C	1,059		1,059

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Commercial D			
Bulk/Wholesale	2		2
Total	32,856	-	32,856

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 33.75	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	35.00	36.50	41.30	46.65	
Commercial D							
Bulk Sales							

4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	P 17,371,115.10	P 210,624,779.53
b. Current - unmetered		
c. Penalty Charges	573,730.55	6,160,926.62
d. Less: Senior Citizen & PWD Discount	11,059.41	121,273.28
Total	P 17,933,786.24	P 216,664,432.87

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 13,054,113.90	P 161,613,294.58
f Government	277,834.15	6,390,708.80
g Commercial/Industrial	3,804,447.05	39,895,096.15
h Bulk/Wholesale	234,720.00	2,725,680.00
Total	P 17,371,115.10	P 210,624,779.53

4.3 COLLECTION (Water Sales)		
a. Current account	P 12,629,286.28	P 156,586,978.59
b. Arrears - current year	4,613,928.41	51,924,660.77
c. Arrears - previous years	33,148.35	9,431,123.80
Total	P 17,276,363.04	P 217,942,763.16

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 15,286,720.80

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

$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 72.7\%$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{208,511,639.36}{216,664,432.87} = 96.2\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{217,942,763.16}{231,951,153.67} = 94.0\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P 21,162,666.10	P 253,696,150.18
b. Non-Operating revenues	110,467.46	858,119.61
Total	P 21,273,133.56	P 254,554,269.79
5.2 EXPENSES		
a. Salaries and wages	P 4,628,007.19	P 54,257,671.55
b. Pumping cost (Fuel, Oil, Electric)	2,433,325.10	27,667,287.85
c. Chemicals (treatment)	1,827,807.50	19,377,389.00
d. Other O & M Expense	9,243,856.42	102,234,245.48
e. Depreciation Expense	600,640.74	29,098,067.33
f. Interest Expense	589,889.58	6,422,645.11
g. Others	347,824.37	485,442.17
Total	P 19,671,350.90	P 239,542,748.49
5.3 NET INCOME (LOSS)	P 1,601,782.66	P 15,011,521.30
5.4 CASH FLOW STATEMENT		
a. Receipts	P 24,381,382.91	P 293,589,719.18
b. Disbursements	26,218,836.41	278,889,674.51
c. Net Receipts (Disbursements)	(1,837,453.50)	14,700,044.67
d. Cash balance, beginning	20,814,684.63	27,951,627.14
e. Cash balance, ending	18,977,231.13	18,977,231.13
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	2,956,958.06	2,956,958.06
1. Cash in Bank	P 2,956,958.06	P 2,956,958.06
2. Cash on Hand		
b. WD Funds (Total)	16,742,579.52	16,742,579.52
1. Cash on hand	P 109,776.46	P 109,776.46
2. Cash in bank	9,084,837.41	9,084,837.41
3. Special Deposits		
4. Investments	722,306.45	722,306.45
5. Working fund	50,000.00	50,000.00
6. Reserves		
6.1 WD-LWUA JSA	6,775,659.20	6,775,659.20
6.2 General Reserves		
c. Materials & Supplies inventory	P 9,266,790.00	P 9,266,790.00
d. Accounts Receivable	23,134,599.50	23,134,599.50

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1. Customers	P	21,191,632.94	+	21,191,632.94
2. Materials on loans		1,942,966.56		1,942,966.56
3. Officers & Employees				-
e Customers' deposits		257,909.92		257,909.92
f Loans payable		20,423,044.19		20,423,044.19
g Payable to creditors eg. suppliers		539,519.45		539,519.45

5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	18,733,636.95	= 0.89	<u>232,634,661.21</u>	= 0.92
Operating Revenues	21,162,666.10		253,696,150.18	
b. Net Income Ratio				
<u>Net Income (Loss)</u>	1,601,782.66	= 0.08	<u>15,011,521.30</u>	= 0.06
Total Revenues	21,273,133.56		254,554,269.79	
c. Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			<u>51,791,843.35</u>	= 2.09
Current Liabilities			24,805,413.91	

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(In LPS)	or (in Cum/Mo)	
a. Wells	25		389	MDS Information Form
b. Springs				
c. Surface/River				
d. Bulk purchase	1		29	MDS Information Form
Total	26	0	418	

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	664,282.0	8,434,273.0	Flow Meter
Sub-Total	664,282.0	8,434,273.0	
b. External Source/s	83,041.1	1,000,475.5	
Total	747,323.1	9,434,748.5	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	309,459.00	3,579,281.00
b. Total power cost for pumping (PHP)	2,522,799.99	28,119,009.28
c. Other energy cost (oil, etc.) (PHP)	101,484.22	375,436.51
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	366.00	5,098.00
g. Total Chlorine cost (PHP)	175,680.00	2,447,040.00
h. Total cost of other chemicals (PHP)	1,599,432.50	18,633,632.50

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Total Production Cost

₱ 4,399,396.71 ₪ 49,575,118.29

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	635,743.0	7,817,500.0
Residential	540,744.0	6,829,981.0
Government	7,783.0	77,559.0
Commercial/Industrial (Total)	72,546.0	753,927.0
Full Commercial	13,319.0	133,229.0
Commercial A	34,874.0	348,099.0
Commercial B	8,968.0	95,924.0
Commercial C	15,385.0	176,675.0
Commercial D	-	-
Bulk/Wholesale	14,670.0	156,033.0
b. Unmetered billed		
c. Total billed	635,743.0	7,817,500.0
d. Metered unbilled	11,317.3	91,290.5
e. Unmetered unbilled	3,609.2	97,447.7
f. Total Accounted	650,669.4	8,006,238.3

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	19.3	
Residential (m ³ /conn/mo.)	17.8	
Government (m ³ /conn/mo)	58.1	
Commercial/Industrial (m ³ /conn/mo)	30.9	
Bulk/Wholesale (m ³ /conn/mo)	7335.0	
b. Average liters per capita/day (lpcd)	144.7	
c. Accounted for water (%)	87.1%	84.9%
d. Revenue Producing Water (%)	85.1%	82.9%
e. Percent Non-revenue Water (%)	15%	17%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m ³)
a. Elevated Reservoir(s)	3	720
b. Ground Reservoir(s)	5	4,200

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	171
b. Regular	147
c. Casual	12
d. Job-order/COS	12
e. Number of active connections/employee	207
f. Average monthly salary/employee	29,106.96

8.2 BOARD OF DIRECTORS

a. Board of Directors	<u>Number of Meetings Attended</u>
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Position	Name	This Month			Year-to-Date		
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
C	1 Hazel M. Galang	2	2	4	24	26	50
VC	2 Victoria G. Canoza	2	2	4	24	26	50
S	3 Florido S. Santos	2	2	4	24	26	50
T	4 Conrado E. Evangelista	2	2	4	24	26	50
M	5 Jacqueline D. Samson	2	2	4	24	26	50
6thM	6						

	This Month	Year-to-Date
a. No. of Resolutions passed	10	90
b. No. of Policies passed	1	8
c. Directors fees paid	P 136,448.00	1,728,064.00
d. Meetings:		
1. Held	4	50
2. Regular	2	24
3. Special/Emergency	2	26

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 HDD Method	63274.27	LOAN	26%
b.	Supply (Site Development) @ San Roque	2211.3	LOAN	36.68%
c.	650 cu.m. Glass Fused Bolted Tank @	12049.62	LOAN	6%
d.	Sta. Barbara			
e.	Septage TP @ San Roque	11,300	LOAN	42.81%
f.	Emergency Rehab of BWD Aguas Potables	1235.63	ICG	78.92%
g.	Supply (Labor ang Materials) @ Waterwood	390	LOAN	100.00%
h.	Phase 3B Pagala - Discharge Line			
i.	Supply (Materials for Disinfection) @	52.2	LOAN	100.00%
j.	Waterwood Phase 3B Pagala			
k.	Supply (Labor ang Materials) @ Tarcan -	350	LOAN	100.00%
l.	Pipeline Expansion			
m.	Supply (Labor ang Materials) @ Poblacion -	81.18	ICG	100%
n.	Pipeline Expansion			
o.	50 KVA Gen Set @ San Roque	628.67	LOAN	50%

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	18, 629, 666		amortization schedule		amortization schedu
2	6, 124, 000.00		54, 405.00		2021
3	1, 113, 407.00		10, 232.00		2024
4	4, 946, 814.00		44, 566.00		2021

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	Total			
b.	Loans from Other Fund Sources			
1	196073533.4		1856159.58	2023-2030
2	1468000		47696	2023
3	35814861.02		170654.71	2026-2031
4				
5				
	Total		2074510.29	

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

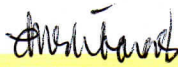
Year when Last installed /reviewed

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	17%	≤ 20%
b. Collection Efficiency (%) - YTD	96.2%	≥ 90%
c. S.Conn. Market Growth - YTD	1745	
d. Capex (Php) - YTD	89, 676, 145.91	
e. LWUA-WD JSA Reserves (%) - YTD	3.11%	≥ 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	2.09	≥ 1.5
h. Average Monthly Net Income (Php)	1, 120, 543.44	positive
i. Staff Productivity Index	207	
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:


Artemio V. Baylosis
General Manager