

MONTHLY DATA SHEET

For the Month Ending December 2019

Name of Water District : **BALIWAG WATER DISTRICT**

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 the WD Office(° ' "): **Longitude 120°54'05.24" Latitude 14°57'23.62"**

Under Joint Venture Agreement? (Yes/No): No

1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served	Mun.	Total No.	No. of	Percent (%)	
Name of Municipality(ies)	Class	of Brgys.	Brgys Served	Served to	Total Brgys.
Main Mun.: <u>Baliwag</u>	<u>First</u>	<u>27</u>	<u>27</u>	<u>100.0%</u>	<u>27</u>
Annexed: _____	_____	_____	_____	_____	_____
Annexed: _____	_____	_____	_____	_____	_____

NOTE: If more than 3 municipalities/cities being served, they could be combined in the rows.

2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	<u>35,493</u>		
2.2 Total Active	<u>32,477</u>		
2.3 Total metered	<u>32,477</u>		
2.4 Total billed	<u>31,181</u>		
2.5 Ave. Persons/Conn.	<u>4.1</u>		
2.6 Population Served (2.2 x 2.5)	<u>133,156</u>		
2.7 Changes in No. of Conn.		<u>This Month</u>	<u>Year-to-Date</u>
New		<u>85</u>	<u>1,391</u>
Reconnection		<u>899</u>	<u>12,812</u>
Disconnected		<u>382</u>	<u>14,133</u>
Market Growth		<u>602</u>	<u>70</u>
2.8 No. of Customers in Arrears	<u>6,054</u>	<u>(18.6%)</u>	
2.9 No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
Residential/Domestic	<u>29,071</u>	<u>-</u>	<u>29,071</u>
Government	<u>128</u>	<u>-</u>	<u>128</u>
Commercial/Industrial	<u>1,980</u>	<u>-</u>	<u>1,980</u>
Full Commercial	<u>-</u>	<u>-</u>	<u>-</u>
Commercial A	<u>642</u>	<u>-</u>	<u>642</u>
Commercial B	<u>396</u>	<u>-</u>	<u>396</u>
Commercial C	<u>942</u>	<u>-</u>	<u>942</u>
Commercial D	<u>-</u>	<u>-</u>	<u>-</u>
Bulk/Wholesale	<u>2</u>	<u>-</u>	<u>2</u>
Total	<u>31,181</u>	<u>-</u>	<u>31,181</u>

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): January 2017 Effectivity (mm/dd/year): March 2017

3.2 Water Rates

CLASSIFICATION	MIN. CHARGES	COMMODITY CHARGES				
		11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51& Above
Domestic/Government P	<u>200.00</u>	<u>22.90</u>	<u>26.00</u>	<u>29.20</u>	<u>33.05</u>	<u>37.35</u>
Commercial/Industrial						
Commercial A	<u>350.00</u>	<u>40.05</u>	<u>45.50</u>	<u>51.10</u>	<u>57.80</u>	<u>65.35</u>
Commercial B	<u>300.00</u>	<u>34.35</u>	<u>39.00</u>	<u>43.80</u>	<u>49.55</u>	<u>56.00</u>
Commercial C	<u>250.00</u>	<u>28.60</u>	<u>32.50</u>	<u>36.50</u>	<u>41.30</u>	<u>46.65</u>
Commercial D	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Bulk Sales	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

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4. BILLING & COLLECTION DATA:

		<u>This Month</u>		<u>Year-to-Date</u>
4.1 BILLING (Water Sales)				
a. Current - metered	P	16,116,545.70		200,382,008.22
b. Current - unmetered				-
c. Penalty charges		555,702.35		6,381,204.75
d. Less: Senior Citizen Discount		10,235.74		122,528.38
Total	P	16,662,012.31		206,640,684.59
4.2 BILLING PER CONSUMER CLASS:				
e Residential/Domestic	P	12,170,104.30		151,175,602.75
f Government		355,151.80		4,039,477.28
g Commercial/Industrial		3,679,552.15		43,406,112.15
h Bulk/Wholesale		172,240.00		2,196,032.00
Total	P	16,204,808.25		198,621,192.18
4.3 COLLECTION (Water Sales)				
a. Current account	P	11,361,713.53		153,858,753.32
b. Arrears - current year		3,909,914.21		45,515,398.53
c. Arrears - previous years		19,314.45		7,114,457.78
Total	P	15,290,942.19		206,488,609.63
4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):				11,501,641.65
4.5 ON-TIME-PAID, This Month		<u>This Month</u>		<u>Year-to-Date</u>
4.3a				
(4.1a) + (4.1b)	X 100 =	70.5%		
4.6 COLLECTION EFFICIENCY, Y-T-D				
(4.3a) + (4.3b)	X 100 =	199,374,151.85	=	96.5%
4.1 Total		206,640,684.59		
4.7 COLLECTION RATIO, Y-T-D				
4.3 Total	X 100 =	206,488,609.63	=	94.7%
4.1 Total + 4.4		218,142,326.24		

5. FINANCIAL DATA:

		<u>This Month</u>		<u>Year-to-Date</u>
5.1 REVENUES				
a. Operating Revenues	P	19,288,690.98		227,599,973.37
b. Non-Operating revenues		537,835.75		4,027,349.25
Total	P	19,826,526.73		231,627,322.62
5.2 EXPENSES				
a. Salaries and wages	P	3,846,169.63		44,259,018.75
b. Pumping cost (Fuel, Oil, Electric)		2,761,813.46		32,752,524.05
c. Chemicals (treatment)		1,781,730.00		21,347,555.93
d. Other O & M Expense		7,596,553.92		80,660,030.25
e. Depreciation Expense		1,994,921.06		23,744,967.98
f. Interest Expense		561,061.65		7,453,510.40
g. Others		11,811.79		127,359.58
Total	P	18,554,061.51		210,344,966.94
5.3 NET INCOME (LOSS)	P	1,272,465.22		21,282,355.68
5.4 CASH FLOW STATEMENT				
a. Receipts	P	18,544,431.31		235,944,123.64
b. Disbursements		18,374,285.02		226,948,978.97
c. Net Receipts (Disbursements)		170,146.29		8,995,144.67
d. Cash balance, beginning		17,292,175.91		8,467,177.53
e. Cash balance, ending		17,462,322.20		17,462,322.20





5.5 MISCELLANEOUS (Financial)

a. Loan Funds (Total)		2,975,085.00		2,975,085.00
1. Cash in Bank	P	2,975,085.00	P	2,975,085.00
2. Cash on Hand		-		-
b. WD Funds (Total)		15,203,496.49		15,203,496.49
1. Cash on hand	P	2,544,117.72	P	2,544,117.72
2. Cash in bank		6,473,109.42		6,473,109.42
3. Special Deposits		-		-
4. Investments		716,259.29		716,259.29
5. Working fund		50,000.00		50,000.00
6. Reserves				
6.1 WD-LWUA JSA		5,420,010.06		5,420,010.06
6.2 General Reserves				
c. Materials & Supplies inventory	P	8,931,893.85	P	8,931,893.85
d. Accounts Receivable		1,585,320.96		14,064,509.72
1. Customers	P	1,577,359.32	P	12,549,624.17
2. Materials on loans		7,961.64		1,514,885.55
3. Officers & Employees		-		-
e. Customers' deposits		3,412.09		360,500.06
f. Loans payable		19,248,279.62		19,248,279.62
g. Payable to creditors eg. suppliers		917,153.74		3,082,362.47

5.6 FINANCIAL RATIOS

		This Month		Year-to-Date	
a. Operating Ratio (benchmark = less than .75)					
Operating Expenses		15,986,267.01	= 0.83	179,019,128.98	= 0.79
Operating Revenues		19,288,690.98		227,599,973.37	
b. Net Income Ratio (benchmark = more than 0.08)					
Net Income (Loss)		1,272,465.22	= 0.07	21,282,355.68	= 0.09
Operating Revenues		19,288,690.98		227,599,973.37	
c. Current Ratio					
Current Assets		52,156,154.60	= 2.05		
Current Liabilities		25,464,207.51			

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(In LPS)	or (in Cum/Mo)	
a. Wells	24	340.97	883,794	Prod. Monthly Report
b. Springs				
c. Surface/River				
d. Bulk purchase				
Total	24	340.97	883,794	

Conversion: 1 LPS = 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

	This Month	Year-to-Date	Method of Measurement
a. Gravity	-	-	
b. Pumped	745,997.0	8,586,631.0	Flow Meter
Total	745,997.0	8,586,631.0	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	342,793.00	4,039,614.00
b. Total power cost for pumping (PHP)	2,779,640.18	32,701,467.41
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)/Liters	442.00	5,520.00
g. Total Chlorine cost (PHP)	212,160.00	2,649,600.00
h. Total cost of other chemicals (PHP)		
Total Production Cost	P 2,991,800.18	P 35,351,067.41

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6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	587,314.0	7,324,535.0
Residential	497,615.0	6,258,934.0
Government	10,594.0	120,170.0
Commercial/Industrial (Total)	68,340.0	808,179.0
Full Commercial	-	-
Commercial A	43,874.0	521,042.0
Commercial B	10,263.0	110,911.0
Commercial C	14,203.0	176,226.0
Commercial D	-	-
Bulk/Wholesale	10,765.0	137,252.0
b. Unmetered billed	-	-
c. Total billed	587,314.0	7,324,535.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	587,314.0	7,324,535.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	18.8	
Residential (m ³ /conn/mo.)	17.1	
Government (m ³ /conn/mo)	82.8	
Commercial/Industrial (m ³ /conn/mo)	34.5	
Bulk/Wholesale (m ³ /conn/mo)	5382.5	
b. Average liters per capita/day (lpcd)	139.2	
c. Accounted for water (%)	78.7%	85.3%
d. Revenue Producing Water (%)	78.7%	85.3%
e. Percent Non-revenue Water (%)	21.3%	14.7%
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	159
b. Regular	134
c. Casual	9
d. Job-order/COS	16
e. Number of active connections/employee	218
f. Average monthly salary/employee	17,806.34

8.2 BOARD OF DIRECTORS

Name	Number of Meetings Attended					
	This Month			Year-to-Date		
	Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
1. Canoza, Victoria G.	2	2	4	24	7	31
2. Cruz, Maria Manolita C.	2	2	4	24	7	31
3. Evangelista, Conrado E.	2	2	4	24	7	31
4. Galang, Hazel M.	2	2	4	24	7	31
5. Santos, Florido S.	2	2	4	24	7	31
6. _____						
	This Month			Year-to-Date		
a. No. of Resolutions passed	7			70		
b. No. of Policies passed	1			6		
c. Directors fees paid	P 128,128.00			1,537,536.00		
d. Meetings:						
1. Held	4			31		
2. Regular	2			24		
3. Special/Emergency	2			7		

BALWAG WATER DISTRICT

A
 J
 Manolita
 Santos

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.	Drilling of One(1) Ground Production Well @ Silverdale	3,000.00	Loan	16%
b.	Pipeline Expansion @ Purok Maligaya	298.69	ICG	81%
c.	Looping Works @ Dulong Bayan, Brgy Sulivan	179.68	ICG	51%
d.	Perimeter Fence, Genset, Control & Chlorine @ Rafaela Homes	442.56	ICG	29%

9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS


	LOAN AMOUNT (PHP)	Interest Rate % p.a.	Monthly Amortization (PHP)	Arrearages, if any (PHP)	Terminal Year of Amortization
a.	Loans from LWUA				
1	973,225.00	8.20%	7,679.00	-	2021
2	6,124,000.00	8.20%	54,405.00	-	2021
3	1,113,407.00	8.20%	10,232.00	-	2024
4	4,946,814.00	8.20%	44,566.00	-	2021
b.	Loans from Other Fund Sources				
1	10,000,000.00	5.40%	167,406.40	-	2023
2	42,769,577.59	5.40%	481,323.38	-	2029
3	51,500,672.88	5.40%	486,724.27	-	2025
4	57,117,322.87	5.40%	585,126.55	-	2030
5	44,685,960.06	5.40%	408,907.14	-	2020
6	1,208,000.00	4.79%	38,378.00	-	2020

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

	Year when Last installed /reviewed
a. CPS I Installation	
b. CPS II Installation	
c. Water Rates Review	January 2017
d. Water Safety Plan Review	July 10, 2019
e. Business Plan Review	May 2018
f. Groundwater Data Bank Installation	none

Submitted by:


 ARTEMIO F. BAYLOSIS
 General Manager

Verified by:

 Management Advisor

Noted by:

 UDEV Division Manager

BALIWAG WATER DISTRICT

