

# MONTHLY DATA SHEET

For the Month Ending **December** **2021**

Name of Water District : **BULAN**

Province : **SORSOGON**

Region : **V**

CCC No. : **22**

Email Address : [bulanwaterdistrict@gmail.com](mailto:bulanwaterdistrict@gmail.com)

Website, if any: [bulanwater.gov.ph](http://bulanwater.gov.ph)

Contact Nos. (mobile): [09212176855](tel:09212176855)

(landline) : **(056)555-26-05**

Geo Coordinates of WD Office(Longitude,Latitude) : **12 40'06.0"N123 52'25.5"E**

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

## 1. MUNICIPAL DATA/SERVICE COVERAGE

### 1.1 Municipality(ies) Served

	Name of Municipality(ies)	Mun. Class	Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys.
Main Mun.:	Bulan	1st	63	21	33.3%
Annexed:					
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## 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	7,333		
2.2	Total Active	6,498		
2.3	Total metered	5,265		
2.4	Total billed	5,265		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	32,490		
2.7	Growth in Service Connections (S. C.)		This Month	Year-to-Date
	New		72	455
	Reconnection		27	461
	Disconnected		18	102
	Increase (Decrease) in S. C.		81	814
2.8	No. of Customers in Arrears		( 0.0% )	
2.9	No. of Active Connections	Metered	Unmetered	Total
	Residential/Domestic	4,839		4,839
	Government	64		64

Commercial/Industrial	362	-	362
Full Commercial	208		208
Commercial A	61		61
Commercial B	92		92
Commercial C	1		1
Commercial D			-
Bulk/Wholesale			-
Total	5,265	-	5,265

### 3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): **7/26/2018** Effectivity (mm/dd/year): **11/8/2018**

#### 3.2 Water Rates

CLASSIFICATION	MINIMUM	COMMODITY CHARGES					
	CHARGES	11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	61 & Above
Domestic/Government	P 182.00	P 19.50	P 21.00	22.50	P	P	P
Commercial/Industrial	364.00	39.00	42.00	45.00			
Commercial A	318.50	34.10	36.75	39.35			
Commercial B	273.00	29.25	31.50	33.75			
Commercial C	227.50	24.35	26.25	28.10			
Commercial D	-	-	-	-			
Bulk Sales	-	-	-	-			

### 4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	P 2,444,189.20	P 26,947,055.10
b. Current - unmetered		
c. Penalty Charges	100,892.28	1,022,756.11
d. Less: Senior Citizen & PWD Discount		
Total	P 2,545,081.48	P 27,969,811.21

#### 4.2 BILLING PER CONSUMER CLASS:

e Residential/Domestic	P 1,763,003.50	P 19,662,126.25
f Government	98,467.50	1,038,499.00
g Commercial/Industrial	582,718.20	6,246,429.85
h Bulk/Wholesale		
Total	P 2,444,189.20	P 26,947,055.10

#### 4.3 COLLECTION (Water Sales)

a. Current account	P 1,366,264.68	P 16,017,259.65
b. Arrears - current year	890,681.05	10,587,469.89
c. Arrears - previous years	14,387.08	789,325.67
Total	P 2,271,332.81	P 27,394,055.21

4.4	ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):	2,147,898.97
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4.5	ON-TIME-PAID, This Month		<u>This Month</u>	<u>Year-to-Date</u>
	<u>4.3a</u>	X 100 =	55.9%	
	(4.1a) + (4.1b) - (4.1d)			

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{26,604,729.54}{27,969,811.21} = 95.1\%$
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4.7	COLLECTION RATIO, Y-T-D				
	<u>4.3 Total</u>	=	<u>27,394,055.21</u>	=	91.0%
	4.1 Total + 4.4		30,117,710.18		

## 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES			
a. Operating Revenues	P	2,806,626.23	P 30,676,375.79
b. Non-Operating revenues			
Total	P	2,806,626.23	P 30,676,375.79

5.2 EXPENSES			
a.	Salaries and wages	₱ 752,034.30	₱ 8,101,688.37
b.	Pumping cost (Fuel, Oil, Electric)	295,381.76	2,801,286.88
c.	Chemicals (treatment)	7,200.00	1,103,573.76
d.	Other O & M Expense	1,392,904.88	10,010,369.83
e.	Depreciation Expense	191,364.16	2,252,924.36
f.	Interest Expense	329,635.16	2,789,241.52
g.	Others	800.00	4,300.00
	<b>Total</b>	<b>₱ 2,969,320.26</b>	<b>₱ 27,063,384.72</b>

5.3	NET INCOME (LOSS)	P	(162,694.03)	P	3,612,991.07
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5.4 CASH FLOW STATEMENT			
a. Receipts	P	2,517,556.81	P 31,332,089.56
b. Disbursements		1,556,517.62	26,804,126.58
c. Net Receipts (Disbursements)		961,039.19	4,527,962.98
d. Cash balance, beginning		4,871,063.67	4,871,063.67
e. Cash balance, ending		5,832,102.86	5,832,102.86

5.5 MISCELLANEOUS (Financial)			
a. Loan Funds (Total)		-	-
1. Cash in Bank	P		P
2. Cash on Hand			

b. WD Funds (Total)		(4,990,885.35)		6,617,741.43
1. Cash on hand	P	(160,992.42)	P	22,972.50
2. Cash in bank		(4,829,973.23)		5,809,130.36
3. Special Deposits				
4. Investments				
5. Working fund				
6. Reserves				
6.1 WD-LWUA JSA		80.30		785,638.57
6.2 General Reserves				
c. Materials & Supplies inventory	P	(91,494.94)	P	4,137,628.80
d. Accounts Receivable		271,569.55		2,630,395.96
1. Customers	P	271,569.55	P	2,630,395.96
2. Materials on loans				
3. Officers & Employees				
e. Customers' deposits		81,200.00		761,135.60
f. Loans payable		(220,558.04)		77,169,725.04
g. Payable to creditors eg. suppliers		(358,567.55)		2,003,606.69

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	2,638,885.10	=	24,269,843.20	=
Operating Revenues	2,806,626.23	0.94	30,676,375.79	0.79
b. Net Income Ratio				
Net Income (Loss)	(162,694.03)	=	3,612,991.07	=
Total Revenues	2,806,626.23	(0.06)	30,676,375.79	0.12
c. Current Ratio ( benchmark = $\geq 1.5$ )				
Current Assets			12,479,094.67	=
Current Liabilities			2,003,606.69	6.23

## 6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			Basis of Data
	Number	(In LPS)	or (in Cum/Mo)	
a. Wells	0	0	-	
b. Springs	2	41	106,600	
c. Surface/River	1	32	83,200	
d. Bulk purchase				
Total	3	73	189,800	

Conversion: 1 LPS ~ 2,600 cum/mo

## 6.2 WATER PRODUCTION (m<sup>3</sup>)

a. WD-Owned Sources	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
1 Gravity	109,814.4	1,204,159.8	Volumetric Method
2 Pumped	-	64,887.0	Volumetric Method
Sub-Total	109,814.4	1,269,046.8	
b. External Source/s	85,708.8	803,519.6	
Total	195,523.2	2,072,566.4	

## 6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	26,460.00	415,609.76
b. Total power cost for pumping (PHP)	282,541.76	2,551,412.38
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	24.00	280.00
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	405.00	2,700.00
g. Total Chlorine cost (PHP)	61,200.00	408,000.00
h. Total cost of other chemicals (PHP)	120,000.00	504,241.80
Total Production Cost	P 463,741.76	P 3,463,654.18

## 6.4 ACCOUNTED FOR WATER (m<sup>3</sup>)

a. Total Billed Metered Consumption (m <sup>3</sup> )	104,560.0	1,156,919.0
Residential	86,334.0	961,425.0
Government	4,254.0	44,712.0
Commercial/Industrial (Total)	13,972.0	150,782.0
Full Commercial	9,989.0	102,277.0
Commercial A	1,149.0	12,124.0
Commercial B	2,813.0	35,296.0
Commercial C	21.0	1,085.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	104,560.0	1,156,919.0
d. Metered unbilled		
e. Unmetered unbilled		
f. Total Accounted	104,560.0	1,156,919.0

## 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	19.9
Residential (m <sup>3</sup> /conn/mo.)	17.8
Government (m <sup>3</sup> /conn/mo)	66.5
Commercial/Industrial (m <sup>3</sup> /conn/mo)	38.6
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	

b. Average liters per capita/day (lpcd)	118.9	
c. Accounted for water (%)	53.5%	55.8%
d. Revenue Producing Water (%)	53.5%	55.8%
e. Percent Non-revenue Water (%)	47%	44%
f. 24/7 Water Service (Y/N)	Y	

## 7. STORAGE FACILITIES

	<u>No.of Units</u>	<u>Total Capacity (m<sup>3</sup>)</u>
a. Elevated Reservoir(s)		
b. Ground Reservoir(s)		

## 8. MISCELLANEOUS

### 8.1 EMPLOYEES

a. Total	41
b. Regular	24
c. Casual	0
d. Job-order/COS	17
e. Number of active connections/employee	219
f. Average monthly salary/employee	18,342.30

### 8.2 BOARD OF DIRECTORS

		<u>Number of Meetings Attended</u>					
		<u>This Month</u>			<u>Year-to-Date</u>		
		<u>Special/</u>			<u>Special/</u>		
	<u>Name</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>
1	DR. MARIA PAZ G. BAJARO	2					
2	DANDY E. BRENCHES	2					
3	CHISTOPHER G. ARMENGOL	2					
4	MARY ANN G. HIZO						
5	DR. RANDY EVANGELISTA						
6							

		<u>This Month</u>	<u>Year-to-Date</u>
a.	No. of Resolutions passed	4	18
b.	No. of Policies passed	0	4
c.	Directors fees paid	P 27,300.00	298,410.00
d.	Meetings:		
1.	Held	2	23
2.	Regular	2	22
3.	Special/Emergency	0	1

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.	Upgrading & Rehabilitation of BWD Water System	26000	LWUA ICG Loan	100%
b.	Installation of 5000 CMD Capacity Water Treatm	41000	LWUA ICG Loan	100%
c.				
d.				
e.				
f.				
g.				
h.				
i.				
j.				
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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	3,000,000.00	8.2	61,117.00	0	5
2	70,000,000.00	3		0	20
3					
4					
5					
	Total				
b. Loans from Other Fund Sources					
1	19,348,733.97	5.5	211,500.00	0	10
2					
3					
4					
5					
	Total				

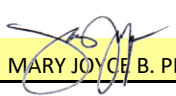
**10. INSTITUTIONAL DEVELOPMENT/REVIEWS:****10.1 LWUA REVIEW AND SYSTEMS INSTALLATION**Year when Last installed /reviewed

a. CPS I Installation	
b. CPS II Installation	
c. Water Rates Review	
d. Water Safety Plan Review	Jul-18
e. Business Plan Review	Sep-18
f. Groundwater Data Bank Installation	
g. Computerized Billing & Collection System	Sep-19
h. Computerized Read & Bill	Sep-19
i. Computerized Accounting System	Sep-19
j. Computerized Inventory System	Sep-19

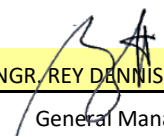
**11. KEY PERFORMANCE INDICATORS:**

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	44%	≤ 20%
b. Collection Efficiency (%) - YTD	95.1%	≥ 90%
c. S.Conn. Market Growth - YTD	814	
d. Capex (Php) - YTD	0	
e. LWUA-WD JSA Reserves (%) - YTD	2.87	≥ 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	6.23	≥ 1.5
h. Average Monthly Net Income (Php)	positive	positive
i. Staff Productvity Index	219	
j. 24/7 Water Service (% of Active S Conn)	Y	Y
k. With Sanitation Facilities (Yes or No)	Y	Y

Prepared by:


  
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Certified Correct:


  
ENGR. REY DENNIS L. GILBAS

General Manager