

# MONTHLY DATA SHEET

For the Month Ending **March** **2022**

<b>Name of Water District :</b>	<b>BATAC</b>
<b>Province :</b>	<b>Ilocos Norte</b>
<b>Region :</b>	<b>1</b>
<b>CCC No. :</b>	<b>250</b>
<b>Email Address :</b>	tacwaterdistrict@yahoo.co
<b>Website, if any:</b>	batac wd.gov.ph
<b>Contact Nos. (mobile):</b>	09052460282
<b>(landline) :</b>	(077) 792-3026
<b>Geo Coordinates of WD Office(Longitude,Latitude) :</b>	
<b>Under Joint Venture Agreement? (Yes/No):</b>	<b>Yes</b>

## 1. MUNICIPAL DATA/SERVICE COVERAGE

	Municipality(ies) Served		Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys
Main Mun.:	City of Batac	5th	43	25	58.1%
Annexed:					
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## 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	3,490		
2.2	Total Active	1,721		
2.3	Total metered	1,721		
2.4	Total billed	1,721		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	8,605		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		3	19
	Reconnection		2	27
	Disconnected		58	102
	Increase (Decrease) in S. C.		(53)	(56)
2.8	No. of Customers in Arrears	60	( 3.5% )	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	1,526		1,526
	Government	30		30
	Commercial/Industrial	165	-	165
	Full Commercial	14		14
	Commercial A	99		99
	Commercial B	24		24
	Commercial C	28		28
	Commercial D			-
	Bulk/Wholesale			-
	<b>Total</b>	<b>1,721</b>	<b>-</b>	<b>1,721</b>

**3. PRESENT WATER RATES:**

3.1 Date Approved (mm/dd/year):   Effectivity (mm/dd/year): 5/1/2006

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 300.00	P 31.30	P 32.70	P 34.25	P 36.30	P 36.30	P 36.30
Commercial/Industrial	600.00	62.50	65.40	68.50	72.60	72.60	72.60
Commercial A	525.00	54.75	57.20	59.90	63.50	63.50	63.50
Commercial B	450.00	46.95	49.05	51.35	54.45	54.45	54.45
Commercial C	375.00	39.10	40.85	42.80	45.35	45.35	45.35
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 890,121.54	P 2,760,008.83
b. Current - unmetered		
c. Penalty Charges	37,250.14	103,724.85
d. Less: Senior Citizen & PWD Discount	1,351.60	4,032.73
Total	P 926,020.08	P 2,859,700.95

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 696,744.61	P 2,116,725.33
f Government	37,817.42	162,002.80
g Commercial/Industrial	191,458.05	580,972.82
h Bulk/Wholesale		
Total	P 926,020.08	P 2,859,700.95

4.3 COLLECTION (Water Sales)		
a. Current account	P 858,065.83	P 2,613,968.42
b. Arrears - current year	38,588.14	126,415.87
c. Arrears - previous years	4,145.30	10,054.37
Total	P 900,799.27	P 2,750,438.66

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 755,783.96

4.5 ON-TIME-PAID, This Month

	<u>This Month</u>	<u>Year-to-Date</u>
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 =$	96.5%	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 =$	$\frac{2,740,384.29}{2,859,700.95}$	= 95.8%
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} =$	$\frac{2,750,438.66}{3,615,484.91}$	= 76.1%
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**5. FINANCIAL DATA:**

	<u>This Month</u>	<u>Year-to-Date</u>
<b>5.1 REVENUES</b>		
a. Operating Revenues	P 455,879.64	P 1,367,169.87
b. Non-Operating revenues		
Total	P 455,879.64	P 1,367,169.87
<b>5.2 EXPENSES</b>		
a. Salaries and wages	P 134,671.00	P 404,013.00
b. Pumping cost (Fuel, Oil, Electric)		
c. Chemicals (treatment)		
d. Other O & M Expense	262,245.92	390,039.17
e. Depreciation Expense	44,321.06	177,284.24
f. Interest Expense	18,627.95	57,980.10
g. Others	100,220.29	298,314.67
Total	P 560,086.22	P 1,327,631.18
<b>5.3 NET INCOME (LOSS)</b>	P (104,206.58)	P 39,538.69
<b>5.4 CASH FLOW STATEMENT</b>		
a. Receipts	P 487,679.64	P 1,406,425.60
b. Disbursements	534,868.42	1,310,910.48
c. Net Receipts (Disbursements)	(47,188.78)	95,515.12
d. Cash balance, beginning	1,257,237.26	1,114,533.36
e. Cash balance, ending	1,210,048.48	1,210,048.48
<b>5.5 MISCELLANEOUS (Financial)</b>		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P	P
2. Cash on Hand		
b. WD Funds (Total)	1,210,048.48	1,210,048.48
1. Cash on hand	P	P
2. Cash in bank	761,188.55	761,188.55
3. Special Deposits	187,283.43	187,283.43
4. Investments		
5. Working fund	5,000.00	5,000.00
6. Reserves		
6.1 WD-LWUA JSA	256,576.50	256,576.50
6.2 General Reserves		
c. Materials & Supplies inventory	P	P
d. Accounts Receivable	749,961.90	749,961.90
1. Customers	P 749,961.90	P 749,961.90
2. Materials on loans		
3. Officers & Employees		
e. Customers' deposits	238,770.06	238,770.06
f. Loans payable	2,268,830.12	2,268,830.12
g. Payable to creditors eg. suppliers		
<b>5.6 FINANCIAL RATIOS</b>		
a. Operating Ratio ( benchmark = ≤ 0.75 )	<u>This Month</u>	<u>Year-to-Date</u>
$\frac{\text{Operating Expenses}}{\text{Operating Revenues}}$	$\frac{441,237.98}{455,879.64} = 0.97$	$\frac{971,336.41}{1,367,169.87} = 0.71$

b. Net Income Ratio				
	<u>Net Income (Loss)</u>	<u>(104,206.58)</u>	= (0.23)	<u>39,538.69</u> =
	Total Revenues	455,879.64		1,367,169.87
c. Current Ratio ( benchmark = ≥ 1.5 )				
	<u>Current Assets</u>			<u>1,620,343.28</u> =
	Current Liabilities			1,198,191.07

**6. WATER PRODUCTION DATA:**

6.1 SOURCE OF SUPPLY

	<u>Total Rated Capacity</u>			<u>Basis of Data</u>
	<u>Number</u>	<u>(In LPS)</u>	<u>or (in Cum/Mo)</u>	
a. Wells	10	12.24	31,819	
b. Springs				
c. Surface/River				
d. Bulk purchase				
<b>Total</b>	<b>10</b>	<b>12.24</b>	<b>31,819</b>	

*Conversion: 1 LPS ~ 2,600 cum/mo*

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

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. WD-Owned Sources			
1 Gravity			
2 Pumped	31,819.0	132,483.0	
Sub-Total	31,819.0	132,483.0	
b. External Source/s			
<b>Total</b>	<b>31,819.0</b>	<b>132,483.0</b>	

6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	17,023.00	57,054.00
b. Total power cost for pumping (PHP)	220,672.23	706,257.94
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)		
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	180.00	585.00
g. Total Chlorine cost (PHP)	23,400.00	74,700.75
h. Total cost of other chemicals (PHP)		
<b>Total Production Cost</b>	<b>P 244,072.23</b>	<b>P 780,958.69</b>

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	19,282.0	63,842.0
Residential	16,528.0	53,159.0
Government	577.0	3,274.0
Commercial/Industrial (Total)	2,177.0	7,409.0
Full Commercial	428.0	1,583.0
Commercial A	645.0	2,478.0
Commercial B	931.0	2,599.0
Commercial C	173.0	749.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
<b>c. Total billed</b>	<b>19,282.0</b>	<b>63,842.0</b>

d. Metered unbilled		
e. Unmetered unbilled		
f. Total Accounted	19,282.0	63,842.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	11.2	
Residential (m <sup>3</sup> /conn/mo.)	10.8	
Government (m <sup>3</sup> /conn/mo)	19.2	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	13.2	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	72.2	
c. Accounted for water (%)	60.6%	48.2%
d. Revenue Producing Water (%)	60.6%	48.2%
e. Percent Non-revenue Water (%)	39%	52%
f. 24/7 Water Service (Y/N)	No	

#### 7. STORAGE FACILITIES

	No. of Units	Total Capacity (m <sup>3</sup> )
a. Elevated Reservoir(s)	2	342
b. Ground Reservoir(s)		

#### 8. MISCELLANEOUS

##### 8.1 EMPLOYEES

a. Total	12
b. Regular	8
c. Casual	
d. Job-order/COS	4
e. Number of active connections/employee	215
f. Average monthly salary/employee	35,680.11

##### 8.2 BOARD OF DIRECTORS

a. Board of Directors	<u>Number of Meetings Attended</u>						
	<u>Name</u>	<u>This Month</u>			<u>Year-to-Date</u>		
		<u>Regular</u>	<u>Special/ Emergency</u>	<u>Total</u>	<u>Regular</u>	<u>Special/ Emergency</u>	<u>Total</u>
1	MRS. PERLA C. MARDERS	2		2	4	2	6
2	DR. MIRAMAR D. BUMANGLAG	1		1	3	2	5
3	DR. FRANELIA N. CALUYA	2		2	4	2	6
4	MRS. FREYA ANNE R. YAPO	2		2	4	2	6
5	MR. PHILIP D. CHUA	2		2	4	2	6
6							
a. No. of Resolutions passed				3			4
b. No. of Policies passed				2			3
c. Directors fees paid			P	16,920.00			54,360.00
d. Meetings:							
1. Held				2			6
2. Regular				2			4
3. Special/Emergency							2

#### 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.				
b.				
c.				
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	4430577	0	52959	158877	2025
2					
3					
4					
5					
	Total				
b. Loans from Other Fund Sources					
1	4833320	0	46297.86	140261.92	2022
2	2000000	0	40000	120000	2022
3					
4					
5					
	Total				

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	2004
c. Water Rates Review	
d. Water Safety Plan Review	2018
e. Business Plan Review	
f. Groundwater Data Bank Installation	
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	52%	≤ 20%
b. Collection Efficiency (%) - YTD	95.8%	≥ 90%
c. S.Conn. Market Growth - YTD	(56)	946
d. Capex (Php) - YTD	63385.66	204000
e. LWUA-WD JSA Reserves (%) - YTD	9.33	≥ 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	1.35	≥ 1.5
h. Average Monthly Net Income (Php)	13179.56	positive
i. Staff Productivity Index	215	100
j. 24/7 Water Service (% of Active S Conn)	N	Y
k. With Sanitation Facilities (Yes or No)	Y	Y

Prepared by:

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