

MONTHLY DATA SHEET

For the Month Ending **February** **2022**

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

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)	3,487		
2.2	Total Active	1,776		
2.3	Total metered	1,776		
2.4	Total billed	1,776		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	8,880		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		12	16
	Reconnection		13	25
	Disconnected		31	44
	Increase (Decrease) in S. C.		(6)	(3)
2.8	No. of Customers in Arrears	142	(8.0%)	
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
	Residential/Domestic	1,564		1,564
	Government	34		34
	Commercial/Industrial	178	-	178
	Full Commercial	14		14
	Commercial A	104		104
	Commercial B	27		27
	Commercial C	33		33
	Commercial D			-
	Bulk/Wholesale			-
	Total	1,776	-	1,776

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	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 878,906.70	P 1,869,887.29
b. Current - unmetered		
c. Penalty Charges	32,127.10	66,474.71
d. Less: Senior Citizen & PWD Discount	1,671.09	2,681.13
Total	P 909,362.71	P 1,933,680.87

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 665,512.59	P 1,419,980.72
f Government	57,809.58	124,185.38
g Commercial/Industrial	186,040.54	389,514.77
h Bulk/Wholesale		
Total	P 909,362.71	P 1,933,680.87

4.3 COLLECTION (Water Sales)		
a. Current account	P 806,961.04	P 1,755,902.59
b. Arrears - current year	48,278.69	87,827.73
c. Arrears - previous years	4,145.30	5,909.07
Total	P 859,385.03	P 1,849,639.39

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

4.5 ON-TIME-PAID, This Month

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = \frac{\text{This Month}}{\text{Year-to-Date}} = 92.0\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{1,843,730.32}{1,933,680.87} = 95.3\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{1,849,639.39}{2,689,464.83} = 68.8\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P 454,925.20	P 911,290.23
b. Non-Operating revenues		
Total	P 454,925.20	P 911,290.23
5.2 EXPENSES		
a. Salaries and wages	P 134,671.00	P 269,342.00
b. Pumping cost (Fuel, Oil, Electric)		
c. Chemicals (treatment)		
d. Other O & M Expense	94,741.71	172,114.31
e. Depreciation Expense	51,369.67	88,642.12
f. Interest Expense	19,312.54	39,352.15
g. Others	97,778.47	198,094.38
Total	P 397,873.39	P 767,544.96
5.3 NET INCOME (LOSS)	P 57,051.81	P 143,745.27
5.4 CASH FLOW STATEMENT		
a. Receipts	P 462,380.93	P 918,745.96
b. Disbursements	423,404.07	776,042.06
c. Net Receipts (Disbursements)	38,976.86	142,703.90
d. Cash balance, beginning	1,218,260.40	1,114,533.36
e. Cash balance, ending	1,257,237.26	1,257,237.26
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank		
2. Cash on Hand		
b. WD Funds (Total)	1,257,237.26	1,257,237.26
1. Cash on hand		
2. Cash in bank	808,421.72	808,421.72
3. Special Deposits	187,264.70	187,264.70
4. Investments		
5. Working fund	5,000.00	5,000.00
6. Reserves		
6.1 WD-LWUA JSA	256,550.84	256,550.84
6.2 General Reserves		
c. Materials & Supplies inventory		
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		
5.6 FINANCIAL RATIOS	<u>This Month</u>	<u>Year-to-Date</u>
a. Operating Ratio (benchmark = ≤ 0.75)		
$\frac{\text{Operating Expenses}}{\text{Operating Revenues}} = 0.62$	$\frac{280,782.38}{454,925.20} = 0.62$	$\frac{530,098.43}{911,290.23} = 0.58$

b. Net Income Ratio					
	<u>Net Income (Loss)</u>	<u>57,051.81</u>	=	0.13	<u>143,745.27</u> =
	Total Revenues	454,925.20			911,290.23
c. Current Ratio (benchmark = ≥ 1.5)					
	<u>Current Assets</u>				<u>1,877,963.76</u> =
	Current Liabilities				1,496,146.32

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	18.68	48,574	
b. Springs				
c. Surface/River				
d. Bulk purchase				
Total	10	18.68	48,574	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. WD-Owned Sources			
1 Gravity			
2 Pumped	48,574.0	100,664.0	
Sub-Total	48,574.0	100,664.0	
b. External Source/s			
Total	48,574.0	100,664.0	

6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	21,657.00	40,031.00
b. Total power cost for pumping (PHP)	244,494.84	485,585.71
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	405.00
g. Total Chlorine cost (PHP)	22,800.00	51,300.75
h. Total cost of other chemicals (PHP)		
Total Production Cost	P 267,294.84	P 536,886.46

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	22,656.0	44,560.0
Residential	18,987.0	36,631.0
Government	1,056.0	2,697.0
Commercial/Industrial (Total)	2,613.0	5,232.0
Full Commercial	568.0	1,155.0
Commercial A	877.0	1,833.0
Commercial B	884.0	1,668.0
Commercial C	284.0	576.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	22,656.0	44,560.0

d. Metered unbilled		
e. Unmetered unbilled		
f. Total Accounted	22,656.0	44,560.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	12.8	
Residential (m ³ /conn/mo.)	12.1	
Government (m ³ /conn/mo)	31.1	
Commercial/Industrial (m ³ /conn/mo)	14.7	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	80.9	
c. Accounted for water (%)	46.6%	44.3%
d. Revenue Producing Water (%)	46.6%	44.3%
e. Percent Non-revenue Water (%)	53%	56%
f. 24/7 Water Service (Y/N)	No	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m ³)
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	222
f. Average monthly salary/employee	35,051.25

8.2 BOARD OF DIRECTORS

a. Board of Directors		<u>Number of Meetings Attended</u>					
		<u>This Month</u>			<u>Year-to-Date</u>		
<u>Name</u>		<u>Special/</u>			<u>Special/</u>		
		<u>Regular</u>	<u>Emergency</u>	<u>Total</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>
1	MRS. PERLA C. MARDERS	1	1	2	2	2	4
2	DR. MIRAMAR D. BUMANGLAG	1	1	2	2	2	4
3	DR. FRANELIA N. CALUYA	1	1	2	2	2	4
4	MRS. FREYA ANNE R. YAPO	1	1	2	2	2	4
5	MR. PHILIP D. CHUA	1	1	2	2	2	4
6							
		<u>This Month</u>			<u>Year-to-Date</u>		
a.	No. of Resolutions passed	0			1		
b.	No. of Policies passed	0			1		
c.	Directors fees paid	P 18,720.00			37,440.00		
d.	Meetings:						
	1. Held	2			4		
	2. Regular	2			4		
	3. Special/Emergency						

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.				
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	105918	2025
2					
3					
4					
5					
	Total				
b. Loans from Other Fund Sources					
1	4833320	0	46739.26	93964.06	2022
2	2000000	0	40000	80000	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	56%	≤ 20%
b. Collection Efficiency (%) - YTD	95.3%	≥ 90%
c. S.Conn. Market Growth - YTD	(3)	946
d. Capex (Php) - YTD	63385.66	204000
e. LWUA-WD JSA Reserves (%) - YTD	13.87	≥ 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	1.26	≥ 1.5
h. Average Monthly Net Income (Php)		positive
i. Staff Productivity Index	222	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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General Manager