

# MONTHLY DATA SHEET

For the Month Ending **OCTOBER** **2023**

<b>Name of Water District :</b>	<b>Manolo Fortich</b>
<b>Province :</b>	<b>Bukidnon</b>
<b>Region :</b>	<b>10</b>
<b>CCC No. :</b>	<b>401</b>
<b>Email Address :</b>	<a href="mailto:mfwd_buk@yahoo.com">mfwd_buk@yahoo.com</a>
<b>Website, if any:</b>	<a href="http://www.mfwd.gov.ph">www.mfwd.gov.ph</a>
<b>Contact Nos. (mobile):</b>	917 - 718 - 1311 / 0935 - 741 - 246
<b>(landline) :</b>	<b>(8) 813-2247</b>
<b>Coordinates of WD Office(Longitude,Latitude) :</b>	<b>121° 21' 57.92" / lat: 124° 51'</b>
<b>Under Joint Venture Agreement? (Yes/No):</b>	<b>No</b>

## 1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served			Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys
Main Mun.:	<b>Manolo Fortich</b>	<b>1st</b>	<b>22</b>	<b>11</b>	<b>50.0%</b>
Annexed:	<b>Cagayan de Oro City</b>	<b>1st</b>	<b>80</b>	<b>2</b>	<b>2.5%</b>
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## 2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	<b>14,713</b>		
2.2 Total Active	<b>13,542</b>		
2.3 Total metered	<b>13,542</b>		
2.4 Total billed	<b>13,556</b>		
2.5 Ave. Persons/Conn.	<b>5.0</b>		
2.6 Population Served (2.2 x 2.5)	<b>67,710</b>		
2.7 Growth in Service Connections (S. C.)		<b>This Month</b>	<b>Year-to-Date</b>
New		<b>38</b>	<b>569</b>
Reconnection		<b>92</b>	<b>663</b>
Disconnected		<b>115</b>	<b>779</b>
Increase (Decrease) in S. C.		<b>15</b>	<b>453</b>
2.8 No. of Customers in Arrears	<b>2,171</b>	<b>( 16.0% )</b>	
2.9 No. of Active Connections	<b>Metered</b>	<b>Unmetered</b>	<b>Total</b>
Residential/Domestic	<b>12,810</b>	<b>-</b>	<b>12,810</b>
Government	<b>111</b>	<b>-</b>	<b>111</b>
Commercial/Industrial	<b>608</b>	<b>-</b>	<b>608</b>
Full Commercial	<b>102</b>	<b>-</b>	<b>102</b>
Commercial A	<b>121</b>	<b>-</b>	<b>121</b>
Commercial B	<b>137</b>	<b>-</b>	<b>137</b>
Commercial C	<b>248</b>	<b>-</b>	<b>248</b>
Commercial D	<b>-</b>	<b>-</b>	<b>-</b>
Bulk/Wholesale	<b>27</b>	<b>-</b>	<b>27</b>
<b>Total</b>	<b>13,556</b>	<b>-</b>	<b>13,556</b>

### 3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): 5/7/2014 Effectivity (mm/dd/year): 9/1/2014

#### 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 157.50	P 22.80	P 30.35	38.30	P 46.50	P 55.00	P 55.00
Commercial/Industrial	315.00	45.60	60.70	76.60	93.00	110.00	110.00
Commercial A	275.60	39.90	53.10	67.05	81.40	96.25	96.25
Commercial B	236.25	34.20	45.50	57.45	69.75	82.50	82.50
Commercial C	196.90	28.50	37.90	47.85	58.10	68.75	68.75
Commercial D							
Bulk Sales							

### 4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	P 8,933,440.83	P 96,832,857.42
b. Current - unmetered	-	-
c. Penalty Charges	199,134.23	2,023,474.28
d. Less: Senior Citizen & PWD Discount	-	-
Total	P 9,132,575.06	P 98,856,331.70

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 6,244,396.69	P 67,861,539.67
f Government	720,584.72	7,468,626.83
g Commercial/Industrial	1,716,639.89	18,656,033.01
h Bulk/Wholesale	251,819.53	2,846,657.91
Total	P 8,933,440.83	P 96,832,857.42

4.3 COLLECTION (Water Sales)		
a. Current account	P 6,147,840.15	P 67,579,962.45
b. Arrears - current year	2,919,253.69	27,825,538.55
c. Arrears - previous years	31,650.09	3,148,347.64
Total	P 9,098,743.93	P 98,553,848.64

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 5,845,162.45

4.5 ON-TIME-PAID, This Month

$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100$	=	$\frac{\text{This Month}}{68.8\%}$	$\frac{\text{Year-to-Date}}$
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4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100$	=	$\frac{95,405,501.00}{98,856,331.70}$	=	96.5%
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4}$	=	$\frac{98,553,848.64}{104,701,494.15}$	=	94.1%
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## 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1	REVENUES		
a.	Operating Revenues	P 9,265,959.22	P 100,924,348.82
b.	Non-Operating revenues	82,212.70	787,702.92
	Total	P 9,348,171.92	P 101,712,051.74
5.2	EXPENSES		
a.	Salaries and wages	P 1,692,715.60	P 18,991,786.15
b.	Pumping cost (Fuel, Oil, Electric)	1,770,304.67	30,121,402.50
c.	Chemicals (treatment)	106,497.16	1,234,182.15
d.	Other O & M Expense	2,631,619.71	19,492,466.51
e.	Depreciation Expense	1,731,223.70	16,952,832.52
f.	Interest Expense	239,154.41	2,475,111.44
g.	Others	1,269,413.17	1,269,413.17
	Total	P 9,440,928.42	P 90,537,194.44
5.3	NET INCOME (LOSS)	P (92,756.50)	P 11,174,857.30
5.4	CASH FLOW STATEMENT		
a.	Receipts	P 9,610,278.13	P 104,559,092.75
b.	Disbursements	8,480,352.13	96,976,431.37
c.	Net Receipts (Disbursements)	1,129,926.00	7,582,661.38
d.	Cash balance, beginning	45,252,509.10	38,799,773.72
e.	Cash balance, ending	46,382,435.10	46,382,435.10
5.5	MISCELLANEOUS (Financial)		
a.	Loan Funds (Total)	-	-
1.	Cash in Bank	P -	P -
2.	Cash on Hand	-	-
b.	WD Funds (Total)	1,429,926.00	67,330,106.32
1.	Cash on hand	P (59,496.67)	P 123,376.00
2.	Cash in bank	1,650,507.96	38,649,538.47
3.	Special Deposits	(461,085.29)	6,359,621.12
4.	Investments	-	1,239,899.51
5.	Working fund	-	10,000.00
6.	Reserves		
6.1	WD-LWUA JSA	100,000.00	1,981,226.40
6.2	General Reserves	200,000.00	18,966,444.82
c.	Materials & Supplies inventory	P 288,633.10	P 8,699,366.42
d.	Accounts Receivable	33,912.26	6,356,114.20
1.	Customers	P 33,912.26	P 6,356,114.20
2.	Materials on loans	-	-
3.	Officers & Employees	-	-
e.	Customers' deposits	103,809.81	1,219,303.99
f.	Loans payable	(371,173.33)	61,611,460.05
g.	Payable to creditors eg. suppliers	1,683,663.39	74,914,373.37



5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
<u>Operating Expenses</u>	7,932,360.84	=	86,792,669.83	=
<u>Operating Revenues</u>	9,265,959.22		100,924,348.82	0.86
b. Net Income Ratio				
<u>Net Income (Loss)</u>	(92,756.50)	=	11,174,857.30	=
<u>Total Revenues</u>	9,348,171.92	(0.01)	101,712,051.74	0.11
c. Current Ratio ( benchmark = $\geq 1.5$ )				
<u>Current Assets</u>			62,220,666.43	=
<u>Current Liabilities</u>			76,458,163.99	0.81

## 6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			
	Number	(In LPS)	or (in Cum/Mo)	Basis of Data
a. Wells	8	108.199	130,178	Flow Meter
b. Springs	13	27.07	23,283	Flow Meter
c. Surface/River	1	101.831	200,183	Flow Meter
d. Bulk purchase	0	0	-	
Total	22	237.1	353,644	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m <sup>3</sup> )		This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources				
# Gravity		130,178.0	755,159.3	Manual - LPS
# Pumped		23,283.4	2,066,385.6	Manual - LPS
Sub-Total		153,461.4	2,821,544.9	
b. External Source/s		200,183.0	939,611.6	Manual - LPS
Total		353,644.4	3,761,156.5	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	173,585.00	2,203,461.60
b. Total power cost for pumping (PHP)	2,646,871.61	31,062,975.86
c. Other energy cost (oil, etc.) (PHP)	41,219.00	327,839.81
d. Total Pumping Hours (motor drive)	6,032.00	63,038.00
e. Total Pumping Hours (engine drive)	5,311.53	34,836.44
f. Total Chlorine consumed (Kg.)	9,300.00	90,200.00
g. Total Chlorine cost (PHP)	106,497.16	1,234,182.15
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	P 2,794,587.77	P 32,624,997.82

6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )		
a. Total Billed Metered Consumption (m <sup>3</sup> )	285,173.0	3,017,124.0
Residential	243,891.0	2,581,066.00
Government	14,171.0	147,714.00
Commercial/Industrial (Total)	25,122.0	266,425.0
Full Commercial	7,349.0	86,944.00
Commercial A	6,142.0	58,900.00
Commercial B	5,244.0	52,186.00
Commercial C	6,387.0	68,395.00
Commercial D	-	-
Bulk/Wholesale	1,999.0	21,919.00

b. Unmetered billed	-	-
c. Total billed	285,173.0	3,017,124.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	285,173.0	3,017,124.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	21.0	
Residential (m <sup>3</sup> /conn/mo.)	19.0	
Government (m <sup>3</sup> /conn/mo)	127.7	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	41.3	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	73.7	
b. Average liters per capita/day (lpcd)	126.9	
c. Accounted for water (%)	80.6%	80.2%
d. Revenue Producing Water (%)	80.6%	80.2%
e. Percent Non-revenue Water (%)	19%	20%
f. 24/7 Water Service (Y/N)	No	

#### 7. STORAGE FACILITIES

	No. of Units	Total Capacity (m <sup>3</sup> )
a. Elevated Reservoir(s)	6	670
b. Ground Reservoir(s)	9	775

#### 8. MISCELLANEOUS

##### 8.1 EMPLOYEES

a. Total	94
b. Regular	38
c. Casual	22
d. Job-order/COS	34
e. Number of active connections/employee	226
f. Average monthly salary/employee	28,211.93

##### 8.2 BOARD OF DIRECTORS

###### a. Board of Directors

		Number of Meetings Attended					
		This Month			Year-to-Date		
		Special/			Special/		
Position	Name	Regular	Emergency	Total	Regular	Emergency	Total
C	1 ATTY. MARIO NARCISO C. ALBAREC	2	0	2	20	0	20
VC	2 MRS. JENNIFER P. TABILIRAN	2	0	2	20	0	20
S	3 MRS. NENA B. VALLECERA	2	0	2	20	0	20
T	4 MR. BOBBY B. COÑA	1	0	1	15	0	15
M	5 MS. CHARMAINE U. JUGADOR	2	0	2	13	0	13
6thM	6						
		This Month			Year-to-Date		
a. No. of Resolutions passed		4			40		
b. No. of Policies passed		0			0		
c. Directors fees paid		P 26,927.00			338,868.25		
d. Meetings:							
1. Held		2			21		
2. Regular		2			20		
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.	1. Installation of Distribution Pipes with Fittings	2,904	General Fund	60
b.	2. Installation of Valves and Fittings for Transmi	1,000	General Fund	90
c.	3. Construction of Perimeter Fence at Dahilayan	363	General Fund	90
d.	4. Construction of Shed House for Dahilayan Wa	250	General Fund	30
e.	5. Procurement of Seven (7) units brand new, co	10,000	General Fund	25
f.	6. Repair of L300 Plate #SGC 186 Body Chassis, U	400	General Fund	60
g.	7. Installation of 6"Ø and 8"Ø UPVC Pipe at Kiha	2,198	General Fund	40
h.	8. Installation of 4"Ø UPVC Pipe at Zone 4 to Zo	1,609	General Fund	55
i.	9. Repacement of 6" diameter upvc Water Pipel	1,100	General Fund	100
j.	10.Rehabilitation of 6" diameter Dilapidated Wa	2,360	General Fund	40
k.	11. Installation of New Distribution Line at Bara	2,496	General Fund	10
l.	12. Development of Mampayag Water System	1,500	General Fund	10
m.	13. Construction of Kihare Shedhouse Extension	250	General Fund	40
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	18,000,000.00	0	177,914.00	1,779,140.00	2023
2					
3					
4					
5					
Total		0	177,914.00	1,779,140.00	
b. Loans from Other Fund Sources					
1	30,000,000.00 (DBP)	0	291,272.57	2,965,607.46	2023
2	41,860,961.03 (ADB)	0	138,141.17	1,375,385.08	2023
3					
4					
5					
Total		0	429,413.74	4,340,992.54	

## 10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

### 10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

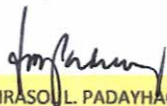
	Year when Last installed /reviewed
a. CPS I Installation	2006
b. CPS II Installation	-
c. Water Rates Review	2014
d. Water Safety Plan Review	2017
e. Business Plan Review	2021
f. Groundwater Data Bank Installation	2021
g. Computerized Billing & Collection System	2018
h. Computerized Read & Bill	2018
i. Computerized Accounting System	-
j. Computerized Inventory System	-



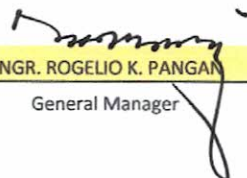
# 11. KEY PERFORMANCE INDICATORS:

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	20%	≤ 20%
b. Collection Efficiency (%) - YTD	96.5%	≥ 90%
c. S.Conn. Market Growth - YTD	453	positive
d. Capex (Php) - YTD	82,661,252.18	85%
e. LWUA-WD JSA Reserves (%) - YTD	2.01%	≥ 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	0.81	≥ 1.5
h. Average Monthly Net Income (Php)	1,117,485.73	positive
i. Staff Productivity Index	226	120
j. 24/7 Water Service (% of Active S Conn)	N	Y
k. With Sanitation Facilities (Yes or No)	N	Y

Prepared by:

  
MIRASOL L. PADAYHAG, CPA

Certified Correct:

  
ENGR. ROGELIO K. PANGAN  
General Manager