

## MONTHLY DATA SHEET

For the Month Ending March 2022

**Name of Water District :** **Manolo Fortich**

**Province :** **Bukidnon**

**Region :** **10**

**CCC No. :** **401**

**Email Address :** [mfwd\\_buk@yahoo.com](mailto:mfwd_buk@yahoo.com)

**Website, if any:** [www.mfwd.gov.ph](http://www.mfwd.gov.ph)

**Contact Nos. (mobile):** 917 - 718 - 1311 / 0935 - 741 - 241

**(landline) :** **(8) 813-2247**

**Geo Coordinates of WD Office(Longitude,Latitude) :** 120° 21' 57.92" / lat: 124° 51'

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

### 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.:	<u>Manolo Fortich</u>	<u>1st</u>	<u>22</u>	<u>11</u>	<u>50.0%</u>
Annexed:	<u>Cagayan de Oro City</u>	<u>1st</u>	<u>80</u>	<u>2</u>	<u>2.5%</u>
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### 2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	<u>13,263</u>		
2.2 Total Active	<u>12,236</u>		
2.3 Total metered	<u>12,236</u>		
2.4 Total billed	<u>12,134</u>		
2.5 Ave. Persons/Conn.	<u>5.0</u>		
2.6 Population Served (2.2 x 2.5)	<u>61,180</u>		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		<u>88</u>	<u>147</u>
Reconnection		<u>59</u>	<u>149</u>
Disconnected		<u>77</u>	<u>199</u>
Increase (Decrease) in S. C.		<u>70</u>	<u>97</u>
2.8 No. of Customers in Arrears	<u>2,605</u>	<u>( 21.3% )</u>	
2.9 No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
Residential/Domestic	<u>11,566</u>	<u>-</u>	<u>11,566</u>
Government	<u>99</u>	<u>-</u>	<u>99</u>
Commercial/Industrial	<u>543</u>	<u>-</u>	<u>543</u>
Full Commercial	<u>96</u>	<u>-</u>	<u>96</u>
Commercial A	<u>107</u>	<u>-</u>	<u>107</u>
Commercial B	<u>104</u>	<u>-</u>	<u>104</u>
Commercial C	<u>236</u>	<u>-</u>	<u>236</u>
Commercial D	<u>-</u>	<u>-</u>	<u>-</u>
Bulk/Wholesale	<u>28</u>	<u>-</u>	<u>28</u>
Total	<u>12,236</u>	<u>-</u>	<u>12,236</u>

### 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 7,164,783.40	P 23,065,785.15
b. Current - unmetered	-	-
c. Penalty Charges	150,476.53	440,377.98
d. Less: Senior Citizen & PWD Discount	-	-
Total	P 7,315,259.93	P 23,506,163.13

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 5,024,934.15	P 16,359,635.60
f Government	527,478.20	1,681,309.95
g Commercial/Industrial	1,412,840.90	4,284,722.60
h Bulk/Wholesale	199,530.15	740,117.00
Total	P 7,164,783.40	P 23,065,785.15

4.3 COLLECTION (Water Sales)		
a. Current account	P 5,112,542.54	P 16,729,876.04
b. Arrears - current year	2,291,721.72	5,333,962.98
c. Arrears - previous years	166,346.19	1,684,035.02
Total	P 7,570,610.45	P 23,747,874.04

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):	4,601,272.47
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4.5 ON-TIME-PAID, This Month	This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100$	= 71.4%	

4.6 COLLECTION EFFICIENCY, Y-T-D		
$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100$	= $\frac{22,063,839.02}{23,506,163.13}$	= 93.9%

4.7 COLLECTION RATIO, Y-T-D		
$\frac{4.3 \text{ Total}}{4.1 \text{ Total}}$	= $\frac{23,747,874.04}{23,506,163.13}$	= 84.5%

4.1 Total + 4.4

28,107,435.60

## 5. FINANCIAL DATA:

		This Month	Year-to-Date
5.1 REVENUES			
a. Operating Revenues	P	7,307,119.32	P 23,427,869.48
b. Non-Operating revenues		302,487.51	936,301.86
Total	P	7,609,606.83	P 24,364,171.34
5.2 EXPENSES			
a. Salaries and wages	P	1,499,390.23	P 4,767,477.28
b. Pumping cost (Fuel, Oil, Electric)		2,663,925.76	8,038,923.95
c. Chemicals (treatment)		90,862.09	325,491.47
d. Other O & M Expense		1,349,450.55	3,612,660.94
e. Depreciation Expense		1,662,216.82	3,772,829.19
f. Interest Expense		443,106.71	853,313.80
g. Others		-	200.00
Total	P	7,708,952.16	P 21,370,896.63
5.3 NET INCOME (LOSS)	P	(99,345.33)	P 2,993,274.71
5.4 CASH FLOW STATEMENT			
a. Receipts	P	8,108,594.12	P 29,148,151.99
b. Disbursements		8,021,175.79	28,260,122.87
c. Net Receipts (Disbursements)		87,418.33	888,029.12
d. Cash balance, beginning		38,893,360.18	38,092,749.39
e. Cash balance, ending		38,980,778.51	38,980,778.51
5.5 MISCELLANEOUS (Financial)			
a. Loan Funds (Total)		-	439,271.25
1. Cash in Bank	P	-	P 439,271.25
2. Cash on Hand		-	-
b. WD Funds (Total)		387,418.53	56,989,006.46
1. Cash on hand	P	(86,690.09)	P 64,476.10
2. Cash in bank		(86,718.13)	25,855,098.14
3. Special Deposits		260,826.75	7,403,471.47
4. Investments			5,208,461.75
5. Working fund		-	10,000.00
6. Reserves			
6.1 WD-LWUA JSA		100,000.00	3,079,651.06
6.2 General Reserves		200,000.00	15,367,847.94
c. Materials & Supplies inventory	P	465,892.11	P 7,060,377.86
d. Accounts Receivable	-	259,147.92	4,280,054.50
1. Customers	P	(259,147.92)	P 4,280,054.50
2. Materials on loans		-	-
3. Officers & Employees		-	-
e. Customers' deposits		(203,180.79)	915,969.88
f. Loans payable		(351,409.33)	65,095,717.34
g. Payable to creditors eg. suppliers		1,188,925.55	1,634,089.91

## 5.6 FINANCIAL RATIOS

This Month

Year-to-Date

- a. Operating Ratio ( benchmark =  $\leq 0.75$  )

Operating Expenses	7,265,845.45	=	0.99	$\frac{20,517,382.83}{23,427,869.48}$	=	0.88
Operating Revenues	7,307,119.32					

- b. Net Income Ratio

Net Income (Loss)	(99,345.33)	=	(0.01)	$\frac{2,993,274.71}{24,364,171.34}$	=	0.12
Total Revenues	7,609,606.83					

- c. Current Ratio ( benchmark =  $\geq 1.5$  )

Current Assets				51,106,207.35	=	16.65
Current Liabilities				3,070,355.55		

## 6. WATER PRODUCTION DATA:

### 6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(In LPS)	or (in Cum/Mo)	
a. Wells	15	110.58	287,508	Flow Meter
b. Springs	5	15.02	39,052	Flow Meter
c. Surface/River	0	0	-	
d. Bulk purchase	0	0	-	
Total	20	125.6	326,560	

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			
1 Gravity	41,973.0	130,025.0	Manual - LPS
2 Pumped	259,549.0	826,650.0	Manual - LPS
Sub-Total	301,522.0	956,675.0	
b. External Source/s	-	-	
Total	301,522.0	956,675.0	

### 6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	196,634.40	646,941.60
b. Total power cost for pumping (PHP)	2,663,925.76	8,038,217.52
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	7,722.00	25,375.00
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	6,800.00	21,800.00
g. Total Chlorine cost (PHP)	90,862.09	325,491.47
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	P 2,754,787.85	P 8,363,708.99

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	239,799.0	762,996.0
Residential	206,226.0	658,463.0
Government	10,937.0	34,586.0
Commercial/Industrial (Total)	20,975.0	64,020.0
Full Commercial	7,380.0	22,639.0
Commercial A	4,686.0	13,917.0
Commercial B	3,286.0	10,214.0
Commercial C	5,623.0	17,250.0



Commercial D	-	-
Bulk/Wholesale	1,661.0	5,927.0
b. Unmetered billed	-	-
c. Total billed	239,799.0	762,996.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	239,799.0	762,996.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	19.6	
Residential (m <sup>3</sup> /conn/mo.)	17.8	
Government (m <sup>3</sup> /conn/mo)	110.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	38.6	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	59.3	
b. Average liters per capita/day (lpcd)	118.9	
c. Accounted for water (%)	79.5%	79.8%
d. Revenue Producing Water (%)	79.5%	79.8%
e. Percent Non-revenue Water (%)	20%	20%
f. 24/7 Water Service (Y/N)	N	

#### 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	92
b. Regular	35
c. Casual	18
d. Job-order/COS	39
e. Number of active connections/employee	231
f. Average monthly salary/employee	28,290.38

##### 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>Special/</u>			<u>Special/</u>		
<u>Position</u>	<u>Name</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>
C	1 ATTY. MARIO NARCISO C. ALBAREC	2	0	2	4	0	4
VC	2 MRS. VILMA S. MIÑOZA	2	0	2	4	0	4
S	3 MRS. NENA B. VALLECERA	2	0	2	4	0	4
T	4 MRS. JENNIFER P. TABILIRAN	2	0	2	4	0	4
M	5 MR. JOSE T. TORRES	2	0	2	4	0	4
6thM	6						
		<u>This Month</u>			<u>Year-to-Date</u>		
a. No. of Resolutions passed		0			11		
b. No. of Policies passed		0			0		
c. Directors fees paid		P 34,545.00			34545		
d. Meetings:							

1. Held	2	6
2. Regular	2	6
3. Special/Emergency	0	0

## 9. STATUS OF VARIOUS DEVELOPMENT:

9.1 ON-GOING PROJECTS			PERCENT
DESCRIPTION (e.g. Comprehensive Project, Source Dev., Expansion, Rehab., Water Quality, etc)	PROJECT COST (PHP x 1,000)	FUNDING SOURCE	ACCOM- PLISHMENT
a. Construction of Generator House/Control Room	752.6	General Fund	100
b. Purchase of Pipes for Water Tank Installation	824.81	General Fund	80
c. Purchase of Pipes for Fabrication of Valves and Fittings	1,098.40	General Fund	100
d. Construction of Chlorinator House for Dahilayan	154.3	General Fund	100
e. Construction of Break Pressure Chamber at Dahilayan	1,041.50	General Fund	100
f. Installation of Electrical Transmission Line at Dahilayan	2,902.70	General Fund	90
g. Installation of 6" diameter uPVC Pipes @ Camp	4,725.50	General Fund	80
h. Installation of Distribution Pipes with Fittings at Camp	2,903.80	General Fund	50
i. Construction of Control House	272.52	General Fund	100
j. Installation of Valves and Fittings for Transmission Line	500.00	General Fund	50
k. Installation of Paving Blocks at Dahilayan Water Treatment Plant	250	General Fund	50
l. Construction of Perimeter Fence at Dahilayan Water Treatment Plant	700	General Fund	10
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	18,000,000.00	0	(142,105.00)	(283,245.00)	2009
2					
3					
4					
5					
	Total	0	(142,105.00)	-283245	
b. Loans from Other Fund Sources					
1	5,000,000.00 (NHA)	0	-	-	2011
2	30,000,000.00 (DBP)	0	(208,333.33)	(416,666.66)	2015
3	37987124.47 (ADB)	0	135,274.25	135,274.25	2022
4					
5					
	Total	0	-73059.08	-281392.41	

## 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	92.4%	≥ 90%
c. S.Conn. Market Growth - YTD	80	positive
d. Capex (Php) - YTD	559247.65	85%
e. LWUA-WD JSA Reserves (%) - YTD	19.57%	≥ 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	16.65	≥ 1.5
h. Average Monthly Net Income (Php)	997,758.24	positive
i. Staff Productivity Index	231	120
j. 24/7 Water Service (% of Active S Conn)	N	Y
k. With Sanitation Facilities (Yes or No)	N	Y

Prepared by:

WILLIAM N. PAILAGAO

Certified Correct:

ENGR. ROGELIO K. PANGAN  
General Manager