

## MONTHLY DATA SHEET

For the Month Ending April 2022

**Name of Water District :** Manolo Fortich

**Province :** Bukidnon

**Region :** 10

**CCC No. :** 401

**Email Address :** mfwd\_buk@yahoo.com

**Website, if any:** www.mfwd.gov.ph

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

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

**Geo Coordinates of WD Office(Longitude,Latitude) :** 117° 21' 57.92" / lat: 124° 51' 21.12"

**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
	<u>Name of Municipality(ies)</u>	<u>Mun. Class</u>			
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>13,334</u>		
2.2	Total Active	<u>12,313</u>		
2.3	Total metered	<u>12,313</u>		
2.4	Total billed	<u>12,228</u>		
2.5	Ave. Persons/Conn.	<u>5.0</u>		
2.6	Population Served (2.2 x 2.5)	<u>61,565</u>		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		<u>71</u>	<u>271</u>
	Reconnection		<u>45</u>	<u>194</u>
	Disconnected		<u>28</u>	<u>227</u>
	Increase (Decrease) in S. C.		<u>88</u>	<u>238</u>
2.8	No. of Customers in Arrears	<u>1,921</u>	<u>( 15.6% )</u>	
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	<u>11,638</u>	<u>-</u>	<u>11,638</u>
	Government	<u>99</u>	<u>-</u>	<u>99</u>
	Commercial/Industrial	<u>548</u>	<u>-</u>	<u>548</u>
	Full Commercial	<u>97</u>	<u>-</u>	<u>97</u>
	Commercial A	<u>109</u>	<u>-</u>	<u>109</u>
	Commercial B	<u>104</u>	<u>-</u>	<u>104</u>
	Commercial C	<u>238</u>	<u>-</u>	<u>238</u>
	Commercial D	<u>-</u>	<u>-</u>	<u>-</u>
	Bulk/Wholesale	<u>28</u>	<u>-</u>	<u>28</u>
	Total	<u>12,313</u>	<u>-</u>	<u>12,313</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 CHARGES	COMMODITY 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 9,572,277.75	P 32,638,062.90
b. Current - unmetered	-	-
c. Penalty Charges	149,388.91	589,766.89
d. Less: Senior Citizen & PWD Discount	-	-
Total	P 9,721,666.66	P 33,227,829.79

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 6,905,188.35	P 23,264,823.95
f Government	622,361.40	2,303,671.35
g Commercial/Industrial	1,778,770.35	6,063,492.95
h Bulk/Wholesale	265,957.65	1,006,074.65
Total	P 9,572,277.75	P 32,638,062.90

4.3 COLLECTION (Water Sales)		
a. Current account	P 6,965,075.44	P 23,694,951.48
b. Arrears - current year	1,559,409.51	6,893,372.49
c. Arrears - previous years	58,956.60	1,742,991.62
Total	P 8,583,441.55	P 32,331,315.59

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 4,601,272.47

4.5 ON-TIME-PAID, This Month

<u>4.3a</u>	X 100 =	<u>72.8%</u>
(4.1a) + (4.1b) - (4.1d)		

4.6 COLLECTION EFFICIENCY, Y-T-D

<u>(4.3a) + (4.3b)</u>	X 100 =	<u>30,588,323.97</u>	=	<u>92.1%</u>
4.1 Total		33,227,829.79		

4.7 COLLECTION RATIO, Y-T-D

<u>4.3 Total</u>	-	<u>32,331,315.59</u>	-	<u>85.5%</u>
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4.1 Total + 4.4

37,829,102.26

## 5. FINANCIAL DATA:

		This Month	Year-to-Date
5.1 REVENUES			
a. Operating Revenues	P	9,705,838.37	P 33,133,707.85
b. Non-Operating revenues		822,811.85	1,759,113.71
Total	P	10,528,650.22	P 34,892,821.56
5.2 EXPENSES			
a. Salaries and wages	P	1,501,541.64	P 6,269,018.92
b. Pumping cost (Fuel, Oil, Electric)		2,607,123.93	10,646,047.88
c. Chemicals (treatment)		33,533.48	359,024.95
d. Other O & M Expense		1,277,607.41	4,890,268.35
e. Depreciation Expense		942,522.26	4,715,351.45
f. Interest Expense		280,077.13	1,133,390.93
g. Others		-	200.00
Total	P	6,642,405.85	P 28,013,302.48
5.3 NET INCOME (LOSS)	P	3,886,244.37	P 6,879,519.08
5.4 CASH FLOW STATEMENT			
a. Receipts	P	9,065,000.72	P 38,213,152.71
b. Disbursements		11,960,098.92	40,220,221.79
c. Net Receipts (Disbursements)		(2,895,098.20)	(2,007,069.08)
d. Cash balance, beginning		38,980,778.51	38,092,749.39
e. Cash balance, ending		36,085,680.31	36,085,680.31
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)		(2,595,098.40)	54,393,908.06
1. Cash on hand	P	155,354.04	P 219,830.14
2. Cash in bank		(3,110,616.32)	22,744,481.82
3. Special Deposits		60,163.88	7,463,635.35
4. Investments			5,208,461.75
5. Working fund		-	10,000.00
6. Reserves			
6.1 WD-LWUA JSA		100,000.00	3,179,651.06
6.2 General Reserves		200,000.00	15,567,847.94
c. Materials & Supplies inventory	P	374,326.64	P 7,434,704.50
d. Accounts Receivable		1,125,619.47	5,405,673.97
1. Customers	P	1,125,619.47	P 5,405,673.97
2. Materials on loans		-	-
3. Officers & Employees		-	-
e. Customers' deposits		49,741.45	965,711.33
f. Loans payable		(512,221.86)	64,583,495.48
g. Payable to creditors eg. suppliers		(1,449,049.12)	185,040.79
5.6 FINANCIAL RATIOS		This Month	Year-to-Date

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

Operating Expenses	6,362,328.72	=	0.66	$\frac{26,879,711.55}{33,133,707.85}$	=	0.81
Operating Revenues	9,705,838.37					

- b. Net Income Ratio

Net Income (Loss)	3,886,244.37	=	0.37	$\frac{6,879,519.08}{34,892,821.56}$	=	0.20
Total Revenues	10,528,650.22					

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

Current Assets				49,841,962.21	=	58.04
Current Liabilities				858,757.18		

## 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	98,502.0	228,527.0	Manual - LPS
2 Pumped	277,587.0	1,104,237.0	Manual - LPS
Sub-Total	376,089.0	1,332,764.0	
b. External Source/s	-	-	
Total	376,089.0	1,332,764.0	

### 6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	195,739.03	842,680.63
b. Total power cost for pumping (PHP)	2,593,683.93	10,631,901.45
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	7,681.00	33,056.00
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	6,700.00	28,500.00
g. Total Chlorine cost (PHP)	33,533.48	359,024.95
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	P 2,627,217.41	P 10,990,926.40

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	301,905.0	1,064,901.0
Residential	261,307.0	919,770.0
Government	12,725.0	47,311.0
Commercial/Industrial (Total)	25,758.0	89,778.0
Full Commercial	9,425.0	32,064.0
Commercial A	5,040.0	18,957.0
Commercial B	4,027.0	14,241.0
Commercial C	7,266.0	24,516.0



Commercial D		-
Bulk/Wholesale	2,115.0	8,042.0
b. Unmetered billed	-	-
c. Total billed	301,905.0	1,064,901.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	301,905.0	1,064,901.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	24.5	
Residential (m <sup>3</sup> /conn/mo.)	22.5	
Government (m <sup>3</sup> /conn/mo)	128.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	47.0	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	75.5	
b. Average liters per capita/day (lpcd)	149.7	
c. Accounted for water (%)	80.3%	79.9%
d. Revenue Producing Water (%)	80.3%	79.9%
e. Percent Non-revenue Water (%)	20%	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	93
b. Regular	35
c. Casual	18
d. Job-order/COS	40
e. Number of active connections/employee	232
f. Average monthly salary/employee	28,330.97

##### 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	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						
		This Month			Year-to-Date		
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	8
2. Regular	2	8
3. Special/Emergency	0	0

## 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.	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 I	4,725.50	General Fund	80
h.	Installation of Distribution Pipes with Fittings at Camp I	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 Tank	250	General Fund	100
l.	Construction of Perimeter Fence at Dahilayan Water Tank	700	General Fund	23
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	(144,054.00)	(285,194.00)	2009
2					
3					
4					
5					
Total		0	(144,054.00)	-285194	
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	37,987,124.47 (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%	$\leq 20\%$
b. Collection Efficiency (%) - YTD	92.1%	$\geq 90\%$
c. S.Conn. Market Growth - YTD	238	positive
d. Capex (Php) - YTD	559247.65	85%
e. LWUA-WD JSA Reserves (%) - YTD	9.83%	$\geq 3\%$ 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	58.04	$\geq 1.5$
h. Average Monthly Net Income (Php)	1,719,879.77	positive
i. Staff Productivity Index	232	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