

# MONTHLY DATA SHEET

For the Month Ending December 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 - 246

(landline) : (8) 813-2247

Coordinates of WD Office(Longitude,Latitude) : o 21' 57.92" / lat: 124o 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>14,171</u>		
2.2 Total Active	<u>13,098</u>		
2.3 Total metered	<u>13,098</u>		
2.4 Total billed	<u>13,025</u>		
2.5 Ave. Persons/Conn.	<u>5.0</u>		
2.6 Population Served (2.2 x 2.5)	<u>65,490</u>		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		<u>40</u>	<u>1,109</u>
Reconnection		<u>43</u>	<u>673</u>
Disconnected		<u>13</u>	<u>752</u>
Increase (Decrease) in S. C.		<u>70</u>	<u>1,030</u>
2.8 No. of Customers in Arrears	<u>1,914</u>	<u>( 14.6% )</u>	
2.9 No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
Residential/Domestic	<u>12,325</u>	<u>-</u>	<u>12,325</u>
Government	<u>106</u>	<u>-</u>	<u>106</u>
Commercial/Industrial	<u>567</u>	<u>-</u>	<u>567</u>
Full Commercial	<u>92</u>	<u>-</u>	<u>92</u>
Commercial A	<u>123</u>	<u>-</u>	<u>123</u>
Commercial B	<u>116</u>	<u>-</u>	<u>116</u>
Commercial C	<u>236</u>	<u>-</u>	<u>236</u>
Commercial D	<u>-</u>	<u>-</u>	<u>-</u>
Bulk/Wholesale	<u>27</u>	<u>-</u>	<u>27</u>
Total	<u>13,025</u>	<u>-</u>	<u>13,025</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	₱ 157.50	₱ 22.80	₱ 30.35	38.30	₱ 46.50	₱ 55.00	₱ 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 9,049,849.70	P 101,880,873.83
b. Current - unmetered	-	-
c. Penalty Charges	187,420.96	1,988,568.70
d. Less: Senior Citizen & PWD Discount	-	-
Total	P 9,237,270.66	P 103,869,442.53

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 6,231,778.68	P 72,150,924.03
f Government	695,055.85	7,195,118.26
g Commercial/Industrial	1,880,262.35	19,136,564.51
h Bulk/Wholesale	242,752.82	3,398,267.03
Total	P 9,049,849.70	P 101,880,873.83

4.3 COLLECTION (Water Sales)		
a. Current account	P 6,126,681.42	P 72,421,453.35
b. Arrears - current year	2,088,990.66	27,398,769.54
c. Arrears - previous years	35,536.70	2,149,980.68
Total	P 8,251,208.78	P 101,970,203.57

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

4.5 ON-TIME-PAID, This Month

This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 67.7\%$	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{99,820,222.89}{103,869,442.53} = 96.1\%$
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{101,970,203.57}{108,470,715.00} = 94.0\%$
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## 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1	REVENUES		
a.	Operating Revenues	P 9,378,030.20	P 106,807,502.12
b.	Non-Operating revenues	42,563.90	1,731,277.04
	Total	P 9,420,594.10	P 108,538,779.16
5.2	EXPENSES		
a.	Salaries and wages	P 6,716,434.49	P 25,779,055.04
b.	Pumping cost (Fuel, Oil, Electric)	3,457,848.17	34,710,184.25
c.	Chemicals (treatment)	194,544.94	1,308,942.45
d.	Other O & M Expense	3,364,710.23	22,732,112.63
e.	Depreciation Expense	1,870,381.85	14,734,520.68
f.	Interest Expense	250,492.86	3,270,690.60
g.	Others	-	-
	Total	P 15,854,412.54	P 102,535,505.65
5.3	NET INCOME (LOSS)	P (6,433,818.44)	P 6,003,273.51
5.4	CASH FLOW STATEMENT		
a.	Receipts	P 9,027,640.36	P 116,844,438.19
b.	Disbursements	12,912,892.34	116,137,413.86
c.	Net Receipts (Disbursements)	(3,885,251.98)	707,024.33
d.	Cash balance, beginning	42,685,025.70	38,092,749.39
e.	Cash balance, ending	38,799,773.72	38,799,773.72
5.5	MISCELLANEOUS (Financial)		
a.	Loan Funds (Total)	-	-
1.	Cash in Bank	P -	P -
2.	Cash on Hand	-	-
b.	WD Funds (Total)	(3,583,450.31)	56,954,866.77
1.	Cash on hand	P (32,117.32)	P 76,049.82
2.	Cash in bank	(3,972,578.38)	27,680,233.98
3.	Special Deposits	129,443.72	9,811,455.12
4.	Investments	-	1,232,034.80
5.	Working fund	(10,000.00)	-
6.	Reserves		
6.1	WD-LWUA JSA	100,082.36	980,793.97
6.2	General Reserves	201,719.31	17,174,299.08
c.	Materials & Supplies inventory	P 240,498.35	P 7,813,609.73
d.	Accounts Receivable	707,670.00	5,504,828.31
1.	Customers	P 707,670.00	P 5,504,828.31
2.	Materials on loans	-	-
3.	Officers & Employees	-	-
e.	Customers' deposits	25,045.50	976,693.11
f.	Loans payable	(360,452.33)	61,400,510.79
g.	Payable to creditors eg. suppliers	1,467,517.40	2,067,763.75

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
<u>Operating Expenses</u>	15,603,919.68	=	99,264,815.05	=
<u>Operating Revenues</u>	9,378,030.20		106,807,502.12	0.93
b. Net Income Ratio				
<u>Net Income (Loss)</u>	(6,433,818.44)	=	6,003,273.51	=
<u>Total Revenues</u>	9,420,594.10	(0.68)	108,538,779.16	0.06
c. Current Ratio ( benchmark = $\geq 1.5$ )				
<u>Current Assets</u>			52,794,769.97	=
<u>Current Liabilities</u>			4,922,979.25	10.72

## 6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			
	<u>Number</u>	<u>(In LPS) or (in Cum/Mo)</u>		<u>Basis of Data</u>
a. Wells	8	97.653	252,878	Flow Meter
b. Springs	13	16.267	45,921	Flow Meter
c. Surface/River	1	54.039	56,204	
d. Bulk purchase	0	0	-	
Total	22	167.959	355,003	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m <sup>3</sup> )				
a. WD-Owned Sources	<u>This Month</u>	<u>Year-to-Date</u>		<u>Method of Measurement</u>
# Gravity	45,921.0	601,521.0		Manual - LPS
# Pumped	252,878.0	3,093,445.0		Manual - LPS
Sub-Total	298,799.0	3,694,966.0		
b. External Source/s	56,204.0	409,525.0		
Total	355,003.0	4,104,491.0		

6.3 WATER PRODUCTION COST	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	199,603.80	2,462,723.33
b. Total power cost for pumping (PHP)	3,366,770.73	34,280,106.80
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	8,982.00	95,953.00
e. Total Pumping Hours (engine drive)		1,772.86
f. Total Chlorine consumed (Kg.)	8,100.00	95,500.00
g. Total Chlorine cost (PHP)	194,544.94	1,308,942.45
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	₱ 3,561,315.67	₱ 35,589,049.25

6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )		
a. Total Billed Metered Consumption (m <sup>3</sup> )	284,787.0	3,291,119.0
Residential	242,334.0	2,834,093.0
Government	13,903.0	147,544.0
Commercial/Industrial (Total)	26,614.0	282,633.0
Full Commercial	8,178.0	93,769.0
Commercial A	7,112.0	62,187.0
Commercial B	4,696.0	47,869.0
Commercial C	6,628.0	78,808.0
Commercial D		-
Bulk/Wholesale	1,936.0	26,849.0

b. Unmetered billed	-	-
c. Total billed	284,787.0	3,291,119.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	284,787.0	3,291,119.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	21.9	
Residential (m <sup>3</sup> /conn/mo.)	19.7	
Government (m <sup>3</sup> /conn/mo)	131.2	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	46.9	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)	71.7	
b. Average liters per capita/day (lpcd)	131.1	
c. Accounted for water (%)	80.2%	80.2%
d. Revenue Producing Water (%)	80.2%	80.2%
e. Percent Non-revenue Water (%)	20%	20%
f. 24/7 Water Service (Y/N)	No	

#### 7. STORAGE FACILITIES

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

#### 8. MISCELLANEOUS

##### 8.1 EMPLOYEES

a. Total	93
b. Regular	37
c. Casual	17
d. Job-order/COS	39
e. Number of active connections/employee	241
f. Average monthly salary/employee	124,378.42

##### 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	24	0	24
VC	2 MRS. VILMA S. MIÑOZA	2	0	2	24	0	24
S	3 MRS. NENA B. VALLECERA	2	0	2	24	0	24
T	4 MRS. JENNIFER P. TABILIRAN	2	0	2	24	0	24
M	5 MR. JOSE T. TORRES	2	0	2	24	0	24
6thM	6						
		<u>This Month</u>			<u>Year-to-Date</u>		
a.	No. of Resolutions passed	3			33		
b.	No. of Policies passed	0			0		
c.	Directors fees paid	P 46,063.00			540,903.00		
d.	Meetings:						
	1. Held	2			24		
	2. Regular	2			24		
	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.	Purchase of Pipes for Water Tank Installation	1,324.80	General Fund	100
b.	Installation of Electrical Transmission Line at Da	2,902.70	General Fund	100
c.	Source Development-Construction of Intake Str	13,259.00	ADB/LWUA	100
d.	Construction of Chlorinator House for Dahilayar	30,893	ADB/LWUA	100
e.	Procurement of various uPvc Pipes	87,748.00	ADB/LWUA	100
f.	Installation of 6" diameter uPVC Pipes @ Camp	4,725.50	General Fund	100
g.	Installation of Distribution Pipes with Fittings at	2,903.80	General Fund	50
h.	Installation of Valves and Fittings for Transmissi	1,000.00	General Fund	80
i.	Construction of Perimeter Fence at Dahilayan W	700	General Fund	100
j.	Construction of Toilet and Bath @ Dahilayan	250	General Fund	100
k.	Construction of guardhouse at Dahilayan Water	200	General Fund	100
l.	Purchase of Underground Boring Machine 6" di	1,500	General Fund	90
m.	Purchase of Air Compressor for Underground B	2,500	General Fund	90
n.	Construction of Perimeter Fence at Dahilayan W	363.47	General Fund	50
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	1,957,054.00	2022
2					
3					
4					
5					
Total		0	177,914.00	1957054	
b. Loans from Other Fund Sources					
1	5,000,000.00 (NHA)	0	-	501,396.53	2022
2	30,000,000.00 (DBP)	0	300,916.67	3,386,882.46	2022
3	37,987,124.47 (ADB)	0	132,114.52	1,545,496.21	2022
4					
5					
Total		0	433031.19	5433775.2	

## 10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

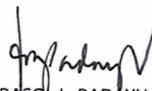
### 10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

	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	96.1%	≥ 90%
c. S.Conn. Market Growth - YTD	1030	positive
d. Capex (Php) - YTD	11728321.66	85%
e. LWUA-WD JSA Reserves (%) - YTD	0.96%	≥ 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	10.72	≥ 1.5
h. Average Monthly Net Income (Php)	500,272.79	positive
i. Staff Productivity Index	241	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