

# MONTHLY DATA SHEET

For the Month Ending December 2020

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

Province : Bukidnon  
 Region : 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): 0917 - 718 - 1311 / 0935 - 741 - 2494  
 (landline) : -  
 Geo-coordinates of the WD Office(° ' "): long: 08o 21' 57.92" / lat: 124o 51' 51.98"  
 Under Joint Venture Agreement? (Yes/No): No

## 1. MUNICIPAL DATA/SERVICE COVERAGE

1.1	Municipality(ies) Served			No. of Brgys Served	Percent (%) Served to Total Brgys.
	Name of Municipality(ies)	Mun. Class	Total No. of Brgys.		
Main Mun.:	Manolo Fortich	1st	22	11	50.0%
Annexed:	Cagayan de Oro	1st	80	2	2.5%
Annexed:					

## 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	12,249		
2.2	Total Active	11,351		
2.3	Total metered	11,351		
2.4	Total billed	11,253		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	56,755		
2.7	Changes in No. of Conn.		This Month	Year-to-Date
	New		9	330
	Reconnection		21	292
	Disconnected		14	509
	Market Growth		16	113
2.8	No. of Customers in Arrears	2,377 ( 20.9% )		
2.9	No. of Active Connections	Metered	Unmetered	Total
	Residential/Domestic	10,633	-	10,633
	Government	93	-	93
	Commercial/Industrial	527	-	527
	Full Commercial	110	-	110
	Commercial A	109	-	109
	Commercial B	91	-	91
	Commercial C	217	-	217
	Commercial D	-	-	-
	Bulk/Wholesale	-	-	-
	Total	11,253	-	11,253

## 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

	MIN. CHARGES	COMMODITY CHARGES				
CLASSIFICATION		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:

		<u>This Month</u>	<u>Year-to-Date</u>
4.1 BILLING (Water Sales)			
a. Current - metered	₱	7,433,043.80	₱ 90,524,406.49
b. Current - unmetered		-	-
c. Penalty charges		159,492.00	1,312,708.24
d. Less: Senior Citizen Discount		-	-
Total	₱	7,592,535.80	₱ 91,837,114.73
4.2 BILLING PER CONSUMER CLASS:			
e Residential/Domestic	₱	5,345,339.70	₱ 64,651,286.10
f Government		539,676.25	5,464,812.69
g Commercial/Industrial		1,548,027.85	20,408,307.70
h Bulk/Wholesale		-	-
Total	₱	7,433,043.80	₱ 90,524,406.49
4.3 COLLECTION (Water Sales)			
a. Current account	₱	5,345,539.71	₱ 58,135,434.98
b. Arrears - current year		2,168,829.45	29,678,641.86
c. Arrears - previous years		5,297.90	936,278.20
Total	₱	7,519,667.06	₱ 88,750,355.04
4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):			2,453,903.83
4.5 ON-TIME-PAID, This Month		<u>This Month</u>	<u>Year-to-Date</u>
$\frac{4.3a}{(4.1a) + (4.1b)} \times 100 =$		71.9%	
4.6 COLLECTION EFFICIENCY, Y-T-D			
$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 =$		$\frac{87,814,076.84}{91,837,114.73}$	= 95.62%
4.7 COLLECTION RATIO, Y-T-D			
$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} \times 100 =$		$\frac{88,750,355.04}{94,291,018.56}$	= 94.12%

#### 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES			
a. Operating Revenues	₱	7,588,121.74	₱ 91,671,677.65
b. Non-Operating revenues		169,087.75	2,392,810.72
Total	₱	7,757,209.49	₱ 94,064,488.37
5.2 EXPENSES			
a. Salaries and wages	₱	4,651,839.00	₱ 23,040,777.71
b. Pumping cost (Fuel, Oil, Electric)		1,608,057.50	20,512,913.71
c. Chemicals (treatment)		108,952.93	952,070.01
d. Other O & M Expense		1,872,934.67	18,023,238.48
e. Depreciation Expense		1,399,466.56	13,488,653.69
f. Interest Expense		183,228.62	2,206,095.38

g. Others		<u>-</u>		<u>6,150.00</u>
Total	P	<u>9,824,479.28</u>	P	<u>78,229,898.98</u>
5.3 NET INCOME (LOSS)	P	<u>(2,067,269.79)</u>	P	<u>15,834,589.39</u>
5.4 CASH FLOW STATEMENT				
a. Receipts	P	<u>7,761,740.74</u>	P	<u>94,820,918.33</u>
b. Disbursements		<u>9,766,448.33</u>		<u>97,555,509.04</u>
c. Net Receipts (Disbursements)		<u>(2,004,707.59)</u>		<u>(2,734,590.71)</u>
d. Cash balance, beginning		<u>61,492,635.05</u>		<u>62,222,518.17</u>
e. Cash balance, ending		<u>59,487,927.46</u>		<u>59,487,927.46</u>
5.5 MISCELLANEOUS (Financial)				
a. Loan Funds (Total)		<u>176,497.39</u>		<u>3,126,267.12</u>
1. Cash in Bank	P	<u>176,497.39</u>	P	<u>3,126,267.12</u>
2. Cash on Hand		<u>-</u>		<u>-</u>
b. WD Funds (Total)		<u>(1,978,252.71)</u>		<u>74,062,650.52</u>
1. Cash on hand	P	<u>(13,482.14)</u>	P	<u>227,771.51</u>
2. Cash in bank		<u>(2,219,404.72)</u>		<u>50,203,771.10</u>
3. Special Deposits		<u>58,241.80</u>		<u>766,558.54</u>
4. Investments		<u>3,440.08</u>		<u>5,163,559.19</u>
5. Working fund		<u>(10,000.00)</u>		<u>-</u>
6. Reserves				
6.1 WD-LWUA JSA		<u>100,540.39</u>		<u>5,445,688.45</u>
6.2 General Reserves		<u>102,411.88</u>		<u>12,255,301.73</u>
c. Materials & Supplies inventory	P	<u>1,600,141.70</u>	P	<u>9,115,616.29</u>
d. Accounts Receivable		<u>9,350.23</u>		<u>5,335,942.32</u>
1. Customers	P	<u>9,350.23</u>	P	<u>5,335,942.32</u>
2. Materials on loans		<u>-</u>		<u>-</u>
3. Officers & Employees		<u>-</u>		<u>-</u>
e. Customers' deposits		<u>-</u>		<u>1,983,544.35</u>
f. Loans payable		<u>(485,883.38)</u>		<u>32,896,771.56</u>
g. Payable to creditors eg. suppliers		<u>1,668,938.77</u>		<u>3,931,521.99</u>
5.6 FINANCIAL RATIOS		<u>This Month</u>		<u>Year-to-Date</u>
a. Operating Ratio (benchmark = less than .75)				
Operating Expenses		<u>8,241,784.10</u>		<u>62,528,999.91</u>
Operating Revenues		<u>7,588,121.74</u>	= 1.09	<u>91,671,677.65</u> = 0.68
b. Net Income Ratio (benchmark = more than 0.08)				
Net Income (Loss)		<u>(2,067,269.79)</u>		<u>15,834,589.39</u>
Operating Revenues		<u>7,588,121.74</u>	= (0.27)	<u>91,671,677.65</u> = 0.17
c. Current Ratio				
Current Assets		<u>73,500,371.20</u>		
Current Liabilities		<u>5,451,018.89</u>	= 13.48	

## 6. WATER PRODUCTION DATA:

### 6.1 SOURCE OF SUPPLY

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

Conversion: 1 LPS = 2,600 cum/mo

## 6.2 WATER PRODUCTION (m<sup>3</sup>)

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. Gravity	56,393.0	659,793.0	Manual - LPS
b. Pumped	254,010.0	3,026,355.0	Manual - LPS
Total	310,403.0	3,686,148.0	

## 6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	165,171.80	2,233,357.87
b. Total power cost for pumping (PHP)	1,591,172.54	22,395,204.26
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	8,577.00	107,787.00
e. Total Pumping Hours (engine drive)	2,887.72	24,019.50
f. Total Chlorine consumed (Liters)	8,100.00	73,940.00
g. Total Chlorine cost (PHP)	108,952.93	952,070.01
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	₱ 1,700,125.47	₱ 23,347,274.27

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	249,221.0	3,001,600.0
Residential	215,305.0	2,597,820.0
Government	11,165.0	115,310.0
Commercial/Industrial (Total)	22,751.0	288,470.0
Full Commercial	8,509.0	118,620.0
Commercial A	4,284.0	57,950.0
Commercial B	4,469.0	48,019.0
Commercial C	5,489.0	63,881.0
Commercial D	-	-
Bulk/Wholesale	-	-
b. Unmetered billed	-	-
c. Total billed	249,221.0	3,001,600.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	249,221.0	3,001,600.0

## 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	22.1	
Residential (m <sup>3</sup> /conn/mo.)	20.2	
Government (m <sup>3</sup> /conn/mo)	120.1	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	43.2	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	135.0	
c. Accounted for water (%)	80.3%	81.4%
d. Revenue Producing Water (%)	80.3%	81.4%
e. Percent Non-revenue Water (%)	19.7%	18.6%
f. 24/7 Water Service (Y/N)	N	

## 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	79
b. Regular	34
c. Casual	20



d. Job-order/COS	25
e. Number of active connections/employee	208
f. Average monthly salary/employee	86,145.17

## 8.2 BOARD OF DIRECTORS

### a. Board of Directors

		Number of Meetings Attended					
		This Month			Year-to-Date		
	Name	Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
1	ENGR. ANGELES L. BONTILAO, PME	2	0	2	21	3	24
2	PTR. MICAH S. ONAHON	2	0	2	21	3	24
3	MRS. NENA B. VALLECERA	2	0	2	21	3	24
4	ATTY. MARIO NARCISO C. ALBARECE, CPA	2	0	2	21	3	24
5	MRS. VILMA S. MIÑOZA	2	0	2	21	3	24
6							
		This Month			Year-to-Date		
a.	No. of Resolutions passed	2			52		
b.	No. of Policies passed	0			2		
c.	Directors fees paid	P 38,220.00			363,090.00		
d.	Meetings:						
	1. Held	2			24		
	2. Regular	2			21		
	3. Special/Emergency	0			3		

## 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 ACCOMPLISHMENT
a.	Construction of Shed House for Dahilayan Water Treatment Plant	213,105.00	Capital Outlay	46%
b.	Repair of Perimeter Fence at Balamban Source Construction of Shed House for Dahilayan	18,400.00	General Fund	48%
c.	Water Treatment Plant	845,794.60	Capital Outlay	13%
d.	GIS Program & Gadget	200,000.00	Capital Outlay	100%
e.	Generator House @ Mantibugao Pump Station	100,000.00	Capital Outlay	100%
f.	Deepwell @ Mulberry Pump Station	1,270,000.00	DBP	100%
g.	Water Supply Master Plan Consultation	350,000.00	Capital Outlay	100%
h.	FS and Detailed Engineering Design for Source Dev. Project	392,000.00	Capital Outlay	100%

### 9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

	LOAN AMOUNT (PHP)	Interest Rate % p.a.	Monthly Amortization (PHP)	Arrearages, if any (PHP)	Terminal Year of Amortization
a.	Loans from LWUA				
1	18,000,000.00	8.20%	129,182.00	-	2009
2					
3					
b.	Loans from Other Fund Sources				
1	5,000,000.00 (NHA)	6.00%	49,456.02	-	2011
2	30,000,000.00 (DBP)	6.00%	208,333.33	-	2015
3					

## 10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

Year when Last installed /reviewed

a. CPS I Installation	<u>1/18/2006</u>
b. CPS II Installation	<u>                    </u>
c. Water Rates Review	<u>7/15/2010</u>
d. Water Safety Plan Review	<u>                    </u>
e. Business Plan Review	<u>                    </u>
f. Groundwater Data Bank Installation	<u>                    </u>

Submitted by:

  
ENGR. ROGELIO K. PANGAM

General Manager

Verified by:

Noted by:

ENGR. ALEXANDER P. BULICATIN

Management Advisor

ENGR. GEMMA B. ENGLISA

OFFICER IN CHARGE - UDEV - 4 / LWUA