

MONTHLY DATA SHEET

For the Month Ending **FEBRUARY** **2023**

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 - 245
(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
	Name of Municipality(ies)	Mun. Class			
Main Mun.:	Manolo Fortich	1st	22	11	50.0%
Annexed:	Cagayan de Oro City	1st	80	2	2.5%
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2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	14,316		
2.2	Total Active	13,179		
2.3	Total metered	13,179		
2.4	Total billed	13,155		
2.5	Ave. Persons/Conn.	5.0		
2.6	Population Served (2.2 x 2.5)	65,895		
2.7	Growth in Service Connections (S. C.)		This Month	Year-to-Date
	New		49	144
	Reconnection		55	94
	Disconnected		68	150
	Increase (Decrease) in S. C.		36	88
2.8	No. of Customers in Arrears	1,910	(14.5%)	
2.9	No. of Active Connections	Metered	Unmetered	Total
	Residential/Domestic	12,457	-	12,457
	Government	108	-	108
	Commercial/Industrial	563	-	563
	Full Commercial	94	-	94
	Commercial A	116	-	116
	Commercial B	118	-	118
	Commercial C	235	-	235
	Commercial D	-	-	-
	Bulk/Wholesale	27	-	27
	Total	13,155	-	13,155

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 9,158,119.23	P 18,906,474.82
b. Current - unmetered	-	-
c. Penalty Charges	181,040.32	372,767.00
d. Less: Senior Citizen & PWD Discount	-	-
Total	P 9,339,159.55	P 19,279,241.82

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 6,343,339.63	P 13,236,377.48
f Government	703,204.19	1,406,964.26
g Commercial/Industrial	1,855,102.84	3,749,377.17
h Bulk/Wholesale	256,472.57	513,755.91
Total	P 9,158,119.23	P 18,906,474.82

4.3 COLLECTION (Water Sales)		
a. Current account	P 6,497,136.40	P 13,331,803.34
b. Arrears - current year	2,333,848.23	4,312,474.13
c. Arrears - previous years	237,557.54	2,173,237.11
Total	P 9,068,542.17	P 19,817,514.58

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

4.5 ON-TIME-PAID, This Month

This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 70.9\%$	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{17,644,277.47}{19,279,241.82} = 91.5\%$	
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{19,817,514.58}{25,124,404.27} = 78.9\%$	
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5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1	REVENUES		
a.	Operating Revenues	P 9,533,344.31	P 19,956,651.05
b.	Non-Operating revenues	86,426.80	108,676.80
	Total	P 9,619,771.11	P 20,065,327.85
5.2	EXPENSES		
a.	Salaries and wages	P 1,589,427.62	P 3,546,088.60
b.	Pumping cost (Fuel, Oil, Electric)	3,084,922.74	6,451,813.25
c.	Chemicals (treatment)	208,988.16	208,988.36
d.	Other O & M Expense	1,850,961.37	2,547,395.57
e.	Depreciation Expense	1,936,068.55	3,088,845.89
f.	Interest Expense	255,526.53	516,695.59
g.	Others	-	-
	Total	P 8,925,894.97	P 16,359,827.26
5.3	NET INCOME (LOSS)	P 693,876.14	P 3,705,500.59
5.4	CASH FLOW STATEMENT		
a.	Receipts	P 10,322,749.00	P 21,619,815.30
b.	Disbursements	7,753,192.15	18,025,268.54
c.	Net Receipts (Disbursements)	2,569,556.85	3,594,546.76
d.	Cash balance, beginning	39,824,763.63	38,799,773.72
e.	Cash balance, ending	42,394,320.48	42,394,320.48
5.5	MISCELLANEOUS (Financial)		
a.	Loan Funds (Total)	-	-
1.	Cash in Bank	P -	P -
2.	Cash on Hand	-	-
b.	WD Funds (Total)	2,656,292.73	60,936,149.41
1.	Cash on hand	P (3,930.55)	P 49,859.24
2.	Cash in bank	2,430,228.83	30,999,064.70
3.	Special Deposits	143,258.57	10,100,870.29
4.	Investments	-	1,234,526.25
5.	Working fund	-	10,000.00
6.	Reserves		
6.1	WD-LWUA JSA	100,000.00	1,180,793.97
6.2	General Reserves	(13,264.12)	17,361,034.96
c.	Materials & Supplies inventory	P 557,851.54	P 8,474,891.27
d.	Accounts Receivable	266,815.32	4,956,378.29
1.	Customers	P 266,815.32	P 4,956,378.29
2.	Materials on loans	-	-
3.	Officers & Employees	-	-
e.	Customers' deposits	9,705.83	998,343.29
f.	Loans payable	(362,538.33)	60,676,480.13
g.	Payable to creditors eg. suppliers	73,965,697.88	74,265,174.88

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	8,670,368.44	=	15,843,131.67	=
<u>Operating Revenues</u>	9,533,344.31		19,956,651.05	0.79
b. Net Income Ratio				
<u>Net Income (Loss)</u>	693,876.14	=	3,705,500.59	=
<u>Total Revenues</u>	9,619,771.11	0.07	20,065,327.85	0.18
c. Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			56,466,794.48	=
<u>Current Liabilities</u>			76,474,317.51	0.74

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	113.624	233,947	Flow Meter
b. Springs	13	20.617	39,047	Flow Meter
c. Surface/River	1	43.9	84,466	
d. Bulk purchase	0	0	-	
Total	22	178.141	357,460	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m ³)			
a. WD-Owned Sources	This Month	Year-to-Date	Method of Measurement
# Gravity	39,047.0	77,885.0	Manual - LPS
# Pumped	233,947.0	471,290.0	Manual - LPS
Sub-Total	272,994.0	549,175.0	
b. External Source/s	84,465.6	184,221.6	
Total	357,459.6	733,396.6	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	212,196.00	445,730.60
b. Total power cost for pumping (PHP)	3,084,922.74	6,451,813.25
c. Other energy cost (oil, etc.) (PHP)	-	36,708.48
d. Total Pumping Hours (motor drive)	6,784.00	13,484.00
e. Total Pumping Hours (engine drive)		-
f. Total Chlorine consumed (Kg.)	8,500.00	16,700.00
g. Total Chlorine cost (PHP)	208,988.16	208,988.36
h. Total cost of other chemicals (PHP)	-	-
Total Production Cost	P 3,293,910.90	P 6,697,510.09

6.4 ACCOUNTED FOR WATER (m ³)		
a. Total Billed Metered Consumption (m ³)	288,147.0	572,934.0
Residential	246,019.0	488,353.0
Government	14,029.0	27,932.0
Commercial/Industrial (Total)	26,082.0	52,696.0
Full Commercial	9,073.0	17,251.0
Commercial A	5,705.0	12,817.0
Commercial B	5,019.0	9,715.0
Commercial C	6,285.0	12,913.0
Commercial D		-
Bulk/Wholesale	2,017.0	3,953.0

b. Unmetered billed	-	-
c. Total billed	288,147.0	572,934.0
d. Metered unbilled	-	-
e. Unmetered unbilled	-	-
f. Total Accounted	288,147.0	572,934.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	21.9	
Residential (m ³ /conn/mo.)	19.7	
Government (m ³ /conn/mo)	129.9	
Commercial/Industrial (m ³ /conn/mo)	46.3	
Bulk/Wholesale (m ³ /conn/mo)	74.7	
b. Average liters per capita/day (lpcd)	131.7	
c. Accounted for water (%)	80.6%	78.1%
d. Revenue Producing Water (%)	80.6%	78.1%
e. Percent Non-revenue Water (%)	19%	22%
f. 24/7 Water Service (Y/N)	No	

7. STORAGE FACILITIES

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

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	94
b. Regular	35
c. Casual	20
d. Job-order/COS	39
e. Number of active connections/employee	239
f. Average monthly salary/employee	28,898.68

8.2 BOARD OF DIRECTORS

a. Board of Directors

		Number of Meetings Attended					
		This Month			Year-to-Date		
Position	Name	Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
C 1	ATTY. MARIO NARCISO C. ALBAREC	2		2	4	0	4
VC 2	MRS. JENNIFER P. TABILIRAN	2		2	4	0	4
S 3	MRS. NENA B. VALLECERA	2		2	4	0	4
T 4	MR. BOBBY B. COÑA	2		2	4	0	4
M 5	MS. CHARMAINE U. JUGADOR	1		1	3	0	3
6thM 6							

	This Month	Year-to-Date
a. No. of Resolutions passed	5	12
b. No. of Policies passed	0	0
c. Directors fees paid	P 25,822.00	55,357.00
d. Meetings:		
1. Held	2	4
2. Regular	2	4
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	355,828.00	2023
2					
3					
4					
5					
Total		0	177,914.00	355,828.00	
b. Loans from Other Fund Sources					
1	30,000,000.00 (DBP)	0	302,009.66	602,926.33	2023
2	37,987,124.47 (ADB)	0	138,141.20	270,255.72	2023
3					
4					
5					
Total		0	440,150.86	873,182.05	

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

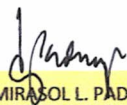
10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

	<u>Year when Last installed /reviewed</u>
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	22%	≤ 20%
b. Collection Efficiency (%) - YTD	91.5%	≥ 90%
c. S.Conn. Market Growth - YTD	88	positive
d. Capex (Php) - YTD	73,031,054.70	85%
e. LWUA-WD JSA Reserves (%) - YTD	5.96%	≥ 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	0.74	≥ 1.5
h. Average Monthly Net Income (Php)	1,852,750.30	positive
i. Staff Productivity Index	239	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