

## MONTHLY DATA SHEET

For the Month Ending **APRIL** **2023**

<b>Name of Water District :</b>	<b>LIANGA</b>
<b>Province :</b>	<b>SURIGAO DEL SUR</b>
<b>Region :</b>	<b>CARAGA</b>
<b>CCC No. :</b>	<b>104</b>
<b>Email Address :</b>	<a href="mailto:liwad1979@yahoo.com">liwad1979@yahoo.com</a>
<b>Website, if any:</b>	<a href="http://www.liangawd.gov.ph">www.liangawd.gov.ph</a>
<b>Contact Nos. (mobile):</b>	<b>N/A</b>
<b>(landline) :</b>	<b>086-616-0020</b>
<b>Coordinates of WD Office(Longitude, Latitude) :</b>	<b>8°37'55"N 126°5'42"E</b>
<b>Under Joint Venture Agreement? (Yes/No):</b>	<b>No</b>

### 1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served			Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys.
Name of Municipality(ies)	Mun. Class				
Main Mun.: Lianga	4th		13	9	69.2%
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					

### 2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	5,387		
2.2 Total Active	4,057		
2.3 Total metered	4,057		
2.4 Total billed	4,028		
2.5 Ave. Persons/Conn.	6.0		
2.6 Population Served (2.2 x 2.5)	24,342		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		23	107
Reconnection		9	54
Disconnected		28	127
Increase (Decrease) in S. C.		4	34
2.8 No. of Customers in Arrears	1,968 ( 48.5% )		
2.9 No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
Residential/Domestic	3,709		3,709
Government	3		3
Commercial/Industrial	316	-	316
Full Commercial	44		44
Commercial A	37		37
Commercial B	81		81
Commercial C	154		154
Commercial D	-		-

Bulk/Wholesale

Total

4,028

-

4,028

**3. PRESENT WATER RATES:**

3.1 Date Approved (mm/dd/year):

Effectivity (mm/dd/year): 1/1/2007

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 265.00	P 30.65	P 35.25	41.50	P 48.75	P	P
Commercial/Industrial	2,120.00						
Commercial A	530.00	61.30	70.50	83.00	97.50		
Commercial B	463.75	53.60	61.65	72.60	85.30		
Commercial C	397.50	45.95	52.85	62.25	73.10		
Commercial D	331.25	38.30	44.05	51.85	60.90		
Bulk Sales							

**4. BILLING & COLLECTION DATA:**

	This Month		Year-to-Date	
4.1 BILLING (Water Sales)				
a. Current - metered	P	2,347,772.70	P	9,285,021.70
b. Current - unmetered		-		-
c. Penalty Charges		100,410.13		334,948.91
d. Less: Senior Citizen & PWD Discount		11,963.22		48,619.25
Total	P	2,436,219.61	P	9,571,351.36
4.2 BILLING PER CONSUMER CLASS:				
e Residential/Domestic	P	1,732,273.31	P	7,041,700.61
f Government		45,791.75		151,514.75
g Commercial/Industrial		518,973.65		2,041,072.35
h Bulk/Wholesale		-		-
Total	P	2,297,038.71	P	9,234,287.71
4.3 COLLECTION (Water Sales)				
a. Current account	P	1,024,743.08	P	5,155,200.53
b. Arrears - current year		1,027,068.20		3,396,109.78
c. Arrears - previous years		49,444.28		402,964.53
Total	P	2,101,255.56	P	8,954,274.84
4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):				4,188,083.41

4.5 ON-TIME-PAID, This Month

This Month

Year-to-Date

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 43.9\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{8,551,310.31}{9,571,351.36} = 89.3\%$$



#### 4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{8,954,274.84}{13,759,434.77} = 65.1\%$$

#### 5. FINANCIAL DATA:

	This Month	Year-to-Date
<b>5.1 REVENUES</b>		
a. Operating Revenues	P 2,436,219.61	P 9,571,351.36
b. Non-Operating revenues	700.00	699,922.75
Total	P 2,436,919.61	P 10,271,274.11
<b>5.2 EXPENSES</b>		
a. Salaries and wages	P 708,864.71	P 2,847,826.71
b. Pumping cost (Fuel, Oil, Electric)	34,152.55	102,161.93
c. Chemicals (treatment)	51,661.50	221,601.62
d. Other O & M Expense	745,549.57	2,725,904.57
e. Depreciation Expense	251,061.59	1,004,246.36
f. Interest Expense	-	-
g. Others	-	-
Total	P 1,791,289.92	P 6,901,741.19
<b>5.3 NET INCOME (LOSS)</b>	P 645,629.69	P 3,369,532.92
<b>5.4 CASH FLOW STATEMENT</b>		
a. Receipts	P 2,167,227.87	P 9,812,989.07
b. Disbursements	2,458,318.29	9,532,511.64
c. Net Receipts (Disbursements)	(291,090.42)	280,477.43
d. Cash balance, beginning	2,477,801.73	1,906,233.88
e. Cash balance, ending	2,186,711.31	2,186,711.31
<b>5.5 MISCELLANEOUS (Financial)</b>		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	2,201,711.31
1. Cash on hand	P -	P 162,512.32
2. Cash in bank	-	476,789.99
3. Special Deposits	-	-
4. Investments	-	-
5. Working fund	-	15,000.00
6. Reserves	-	-
6.1 WD-LWUA JSA	-	1,068,006.23
6.2 General Reserves	-	479,402.77
c. Materials & Supplies inventory	P -	P -
d. Accounts Receivable	-	4,770,475.82
1. Customers	P -	P 4,770,475.82
2. Materials on loans	-	-
3. Officers & Employees	-	-
e. Customers' deposits	-	141,902.23
f. Loans payable	-	30,733,902.69

g Payable to creditors eg. suppliers		124,041.11
--------------------------------------	--	------------

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	1,791,289.92	= 0.74	6,901,741.19	= 0.72
Operating Revenues	2,436,219.61		9,571,351.36	
b. Net Income Ratio				
Net Income (Loss)	645,629.69	= 0.26	3,369,532.92	= 0.33
Total Revenues	2,436,919.61		10,271,274.11	
c. Current Ratio ( benchmark = $\geq 1.5$ )				
Current Assets			11,880,999.91	= 2.30
Current Liabilities			5,160,251.75	

## 6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			
	Number	(In LPS) or (in Cum/Mo)		Basis of Data
a. Wells	0	0		
b. Springs	1	44.8	116,480	Volumetric Method
c. Surface/River	1	29	75,400	Volumetric Method
d. Bulk purchase	0	0	-	
Total	2	73.8	191,880	
Conversion: 1 LPS ~ 2,600 cum/mo				
6.2 WATER PRODUCTION (m <sup>3</sup> )				
a. WD-Owned Sources	This Month	Year-to-Date	Method of Measurement	
1 Gravity	75,923.0	313,022.0	Production Meter	
2 Pumped	2,289.0	6,648.0	-	
Sub-Total	78,212.0	319,670.0		
b. External Source/s	-	-	-	
Total	78,212.0	319,670.0		
6.3 WATER PRODUCTION COST	This Month	Year-to-Date		
a. Total power consumption for pumping (KW-Hr)	1,848.20	5,674.48		
b. Total power cost for pumping (PHP)	34,152.55	102,161.93		
c. Other energy cost (oil, etc.) (PHP)	-	-		
d. Total Pumping Hours (motor drive)	216	811.50		
e. Total Pumping Hours (engine drive)	-	-		
f. Total Chlorine consumed (Kg.)	132	480		
g. Total Chlorine cost (PHP)	46,161.60	192,151.72		
h. Total cost of other chemicals (PHP)	5,500.00	29,450.00		
Total Production Cost	P 85,814.15	P 323,763.65		
6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )				
a. Total Billed Metered Consumption (m <sup>3</sup> )	63,175.0	256,156.0		
Residential	53,003.0	217,499.0		
Government	953.0	3,161.0		
Commercial/Industrial (Total)	9,219.0	35,496.0		



Full Commercial	1,372.0	6,107.0
Commercial A	1,401.0	5,444.0
Commercial B	2,163.0	9,059.0
Commercial C	4,283.0	14,886.0
Commercial D	-	-
Bulk/Wholesale	-	-
b. Unmetered billed	-	-
c. Total billed	63,175.0	256,156.0
d. Metered unbilled	814.0	3,233.0
e. Unmetered unbilled	6,428.0	18,575.0
f. Total Accounted	70,417.0	277,964.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	15.7	
Residential (m <sup>3</sup> /conn/mo.)	14.3	
Government (m <sup>3</sup> /conn/mo)	317.7	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	29.2	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	79.4	
c. Accounted for water (%)	90.0%	87.0%
d. Revenue Producing Water (%)	80.8%	80.1%
e. Percent Non-revenue Water (%)	19%	20%
f. 24/7 Water Service (Y/N)	Y	

#### 7. STORAGE FACILITIES

	No. of Units	Total Capacity (m <sup>3</sup> )
a. Elevated Reservoir(s)		
b. Ground Reservoir(s)	2	350

#### 8. MISCELLANEOUS

##### 8.1 EMPLOYEES

a. Total	41
b. Regular	18
c. Casual	14
d. Job-order/COS	9
e. Number of active connections/employee	126
f. Average monthly salary/employee	23,731.89

##### 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	BELLA C. BALA-AN	1	1	2	5	3	8	
VC 2	ZENAIDA G. GUILLEN	1	1	2	5	3	8	
S 3	FLORITA C. SANTUYA	1	1	2	5	3	8	
T 4	DANILO M. GARAY	1	1	2	5	3	8	
M 5	EVELYN U. LAYNO	1	1	2	5	3	8	
6thM 6								



	<u>This Month</u>	<u>Year-to-Date</u>
a. No. of Resolutions passed	6	16
b. No. of Policies passed	0	0
c. Directors fees paid	₱ 14,976.00	59,904.00
d. Meetings:		
1. Held	2	8
2. Regular	1	5
3. Special/Emergency	1	3

## 9. STATUS OF VARIOUS DEVELOPMENT:

### 9.1 ON-GOING PROJECTS

	<u>DESCRIPTION (e.g. Comprehensive Project, Source Dev., Expansion, Rehab., Water Quality, etc)</u>	<u>PROJECT COST (PHP x 1,000)</u>	<u>FUNDING SOURCE</u>	<u>PERCENT ACCOM- PLISHMENT</u>
a.	Limestone Removal at Simulao TL	237,036.00	AB	14%
b.				
c.				
d.				
e.				
f.				
g.				
h.				
i.				
j.				
k.				
l.				
m.				
n.				
o.				

### 9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

	<u>LOAN AMOUNT (PHP)</u>	<u>ARREARAGES, Beginning of the year</u>	<u>MONTHLY AMORTIZATION (PHP)</u>	<u>PAYMENTS MADE, YTD</u>	<u>TERMINAL YEAR OF AMORTIZATION</u>
a. Loans from LWUA					
1 LA No. 04-0069 RL		28,536,183.52	310,000.00	1,240,000.00	November CY 2030
2 LA No. 04-0066A NL		6,465,373.17	27,630.00	110,520.00	April CY 2041
3 LA No. 0066B NL		1,217,690.00	5,204.00	20,816.00	April CY 2041
4 -		-	-	-	-
5 -		-	-	-	-
Total		36,219,246.69	342,834.00	1,371,336.00	
b. Loans from Other Fund Sources					
1 N/A					
2					
3					
4					
5					
Total					

## 10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

# 10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

## Year when Last installed /reviewed

a. CPS I Installation	NONE
b. CPS II Installation	NONE
c. Water Rates Review	1/1/07
d. Water Safety Plan Review	9/26/19
e. Business Plan Review	2017
f. Groundwater Data Bank Installation	NONE
g. Computerized Billing & Collection System	2019
h. Computerized Read & Bill	2019
i. Computerized Accounting System	NONE
j. Computerized Inventory System	NONE

## 11. KEY PERFORMANCE INDICATORS:

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	20%	≤ 20%
b. Collection Efficiency (%) - YTD	89.3%	≥ 90%
c. S.Conn. Market Growth - YTD	34	≤ 10%
d. Capex (Php) - YTD	99,850.00	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	11.93%	≥ 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	2.30	≥ 1.5
h. Average Monthly Net Income (Php)	842,383.23	positive
i. Staff Productvity Index	126	1/100
j. 24/7 Water Service (% of Active S Conn)	Y	Y
k. With Sanitation Facilities (Yes or No)	Y	Y

Prepared by:

GEMMA R. DOROJA

Certified Correct:

WILFREDO G. SANCHEZ

General Manager