

## MONTHLY DATA SHEET

For the Month Ending **AUGUST** **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 <u>Total</u> <u>Brngys</u>
	<u>Name of Municipality(ies)</u>	<u>Mun. Class</u>			
Main Mun.:	Liangá	4th	13	9	69.2%
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					
Annexed:					

### 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	5,455		
2.2	Total Active	4,100		
2.3	Total metered	4,100		
2.4	Total billed	4,075		
2.5	Ave. Persons/Conn.	6.0		
2.6	Population Served (2.2 x 2.5)	24,600		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		13	199
	Reconnection		14	120
	Disconnected		38	238
	Increase (Decrease) in S. C.		(11)	81
2.8	No. of Customers in Arrears	1,910	( 46.6% )	
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	3,745	-	3,745
	Government	3	-	3
	Commercial/Industrial	327	-	327
	Full Commercial	44		44
	Commercial A	38		38
	Commercial B	85		85
	Commercial C	160		160
	Commercial D	-		-



Bulk/Wholesale

-

-

Total

4,075

-

4,075

**3. PRESENT WATER RATES:**

3.1 Date Approved (mm/dd/year):

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

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 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 2,427,506.04	P 19,330,093.73
b. Current - unmetered	-	-
c. Penalty Charges	93,927.24	717,602.18
d. Less: Senior Citizen & PWD Discount	12,252.86	97,939.82
Total	P 2,509,180.42	P 19,949,756.09
4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 1,832,398.51	P 14,600,273.27
f Government	46,376.75	351,793.00
g Commercial/Industrial	536,889.00	4,334,029.50
h Bulk/Wholesale	-	-
Total	P 2,415,664.26	P 19,286,095.77
4.3 COLLECTION (Water Sales)		
a. Current account	P 1,251,847.62	P 10,563,648.12
b. Arrears - current year	1,157,509.67	8,439,339.40
c. Arrears - previous years	8,297.48	472,123.76
Total	P 2,417,654.77	P 19,475,111.28
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

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 51.8\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{19,002,987.52}{19,949,756.09} = 95.3\%$$



## 4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{19,475,111.28}{24,137,839.50} = 80.7\%$$

## 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES			
a. Operating Revenues	P	2,509,180.42	P 19,949,756.09
b. Non-Operating revenues		65,876.20	926,679.59
Total	P	2,575,056.62	P 20,876,435.68
5.2 EXPENSES			
a. Salaries and wages	P	714,221.11	P 5,715,867.47
b. Pumping cost (Fuel, Oil, Electric)		38,915.19	272,107.35
c. Chemicals (treatment)		109,517.92	510,832.02
d. Other O & M Expense		1,273,856.73	6,789,281.60
e. Depreciation Expense		251,061.59	2,008,492.72
f. Interest Expense		-	-
g. Others		-	-
Total	P	2,387,572.54	P 15,296,581.16
5.3 NET INCOME (LOSS)	P	187,484.08	P 5,579,854.52
5.4 CASH FLOW STATEMENT			
a. Receipts	P	2,608,397.32	P 20,815,493.36
b. Disbursements		2,670,543.89	19,566,851.00
c. Net Receipts (Disbursements)		(62,146.57)	1,248,642.36
d. Cash balance, beginning		3,217,022.81	1,906,233.88
e. Cash balance, ending		3,154,876.24	3,154,876.24
5.5 MISCELLANEOUS (Financial)			
a. Loan Funds (Total)		-	-
1. Cash in Bank	P	-	P -
2. Cash on Hand		-	-
b. WD Funds (Total)		-	3,169,876.24
1. Cash on hand	P		P 184,299.66
2. Cash in bank			705,021.83
3. Special Deposits			
4. Investments			
5. Working fund			15,000.00
6. Reserves			
6.1 WD-LWUA JSA			1,404,844.77
6.2 General Reserves			860,709.98
c. Materials & Supplies inventory	P		P 1,373,532.79
d. Accounts Receivable		-	4,930,602.79
1. Customers	P		P 4,697,387.90
2. Materials on loans			
3. Officers & Employees			233,214.89
e. Customers' deposits			141,902.23
f. Loans payable			29,362,566.69



g Payable to creditors eg. suppliers		283,453.93
--------------------------------------	--	------------

## 5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	2,387,572.54	=	15,296,581.16	=
Operating Revenues	2,509,180.42		19,949,756.09	0.77
b. Net Income Ratio				
Net Income (Loss)	187,484.08	=	5,579,854.52	=
Total Revenues	2,575,056.62		20,876,435.68	0.27
c. Current Ratio ( benchmark = $\geq 1.5$ )				
Current Assets			12,624,739.39	=
Current Liabilities			5,265,350.31	2.40

## 6. WATER PRODUCTION DATA:

### 6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity (In LPS) or (in Cum/Mo)	Basis of Data
a. Wells			
b. Springs	1	44.8	Volumetric Method
c. Surface/River	1	29	Volumetric Method
d. Bulk purchase			
Total	2	73.8	191,880

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	78,432.0	645,869.0	Production Meter
2 Pumped	2,542.0	16,987.0	Production Meter
Sub-Total	80,974.0	662,856.0	
b. External Source/s	-	-	-
Total	80,974.0	662,856.0	

### 6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	2,869.00	16,429.18
b. Total power cost for pumping (PHP)	38,915.19	272,107.35
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	291.5 hrs.	1,998.5 hrs.
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	313 kg.	1,179 kls.
g. Total Chlorine cost (PHP)	101,267.92	459,382.12
h. Total cost of other chemicals (PHP)	8,250.00	51,450.00
Total Production Cost	₱ 148,433.11	₱ 782,939.47

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	66,786.0	535,533.0
Residential	56,600.0	452,747.0
Government	965.0	7,324.0
Commercial/Industrial (Total)	9,221.0	75,462.0



Full Commercial	1,482.0	12,486.0
Commercial A	1,414.0	11,032.0
Commercial B	2,166.0	18,791.0
Commercial C	4,159.0	33,153.0
Commercial D	-	-
Bulk/Wholesale	-	-
b. Unmetered billed	-	-
c. Total billed	66,786.0	535,533.0
d. Metered unbilled	702.0	6,561.0
e. Unmetered unbilled	3,265.0	34,075.0
f. Total Accounted	70,753.0	576,169.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	16.4	
Residential (m <sup>3</sup> /conn/mo.)	15.1	
Government (m <sup>3</sup> /conn/mo)	321.7	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	28.2	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	84.0	
c. Accounted for water (%)	87.4%	86.9%
d. Revenue Producing Water (%)	82.5%	80.8%
e. Percent Non-revenue Water (%)	18%	19%
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	43
b. Regular	19
c. Casual	12
d. Job-order/COS	12
e. Number of active connections/employee	131
f. Average monthly salary/employee	23,047.85

##### 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. BALAN				8	5	13
VC 2	ZENaida G. GUILLEN		1	1	8	7	15
S 3	FLORITA C. SANTUYA		1	1	8	7	15
T 4	DANILO M. GARAY		1	1	8	7	15
M 5	EVELYN U. LAYNO		1	1	8	7	15
6thM 6	-	-	-	-	-	-	-



	<u>This Month</u>	<u>Year-to-Date</u>
a. No. of Resolutions passed	5	34
b. No. of Policies passed	-	-
c. Directors fees paid	P 5,760.00	108,864.00
d. Meetings:		
1. Held	2	15
2. Regular		8
3. Special/Emergency	1	7

## 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 ACCOMPLISHMENT</u>
a.	Limestone Removal at Simulao TL	215,581.00	AB	100%
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	2,480,000.00	November CY 2036
2 LA No. 04-0066A NL		6,465,373.17	27,630.00	221,040.00	April CY 2041
3 LA No. 0066B NL		1,217,690.00	5,204.00	41,632.00	April CY 2041
4 -		-	-	-	-
5 -		-	-	-	-
Total		36,219,246.69	342,834.00	2,742,672.00	
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	19%	≤ 20%
b. Collection Efficiency (%) - YTD	95.3%	≥ 90%
c. S.Conn. Market Growth - YTD	81	≤ 10%
d. Capex (Php) - YTD	867,931.00	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	7.21%	≥ 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	2.40	≥ 1.5
h. Average Monthly Net Income (Php)	697,481.82	positive
i. Staff Productvity Index	131	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 P. DOROJA

Certified Correct:

WILFREDO G. SANCHEZ

General Manager