

## MONTHLY DATA SHEET

For the Month Ending AUGUST 2022

<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>	<b>liwad1979@yahoo.com</b>
<b>Website, if any:</b>	<b>www.liangawd.gov.ph</b>
<b>Contact Nos. (mobile):</b>	
<b>(landline) :</b>	<b>086-616-0020</b>
<b>Geo 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
Main Mun.:	<u>Lianga</u>	<u>4th</u>	<u>13</u>	<u>9</u>	<u>69.2%</u>
Annexed:					
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### 2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	<u>5,195</u>		
2.2 Total Active	<u>4,016</u>		
2.3 Total metered	<u>4,016</u>		
2.4 Total billed	<u>3,991</u>		
2.5 Ave. Persons/Conn.	<u>6.0</u>		
2.6 Population Served (2.2 x 2.5)	<u>24,096</u>		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		<u>27</u>	<u>269</u>
Reconnection		<u>4</u>	<u>109</u>
Disconnected		<u>12</u>	<u>135</u>
Increase (Decrease) in S. C.		<u>19</u>	<u>243</u>
2.8 No. of Customers in Arrears	<u>1,571</u>	<u>( 39.1% )</u>	
2.9 No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
Residential/Domestic	<u>3,734</u>		<u>3,734</u>
Government	<u>2</u>		<u>2</u>
Commercial/Industrial	<u>255</u>	<u>-</u>	<u>255</u>
Full Commercial	<u>37</u>		<u>37</u>
Commercial A	<u>36</u>		<u>36</u>
Commercial B	<u>72</u>		<u>72</u>
Commercial C	<u>110</u>		<u>110</u>
Commercial D			<u>-</u>

Bulk/Wholesale			-
Total	3,991	-	3,991

### 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
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 2,383,769.62	P 18,157,164.49
b. Current - unmetered		
c. Penalty Charges	79,480.00	594,272.49
d. Less: Senior Citizen & PWD Discount	12,694.24	100,181.46
Total	P 2,450,555.38	P 18,651,255.52

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 1,829,811.29	P 14,187,475.86
f Government	33,437.25	312,696.50
g Commercial/Industrial	520,520.90	3,656,991.95
h Bulk/Wholesale		
Total	P 2,383,769.44	P 18,157,164.31

4.3 COLLECTION (Water Sales)		
a. Current account	P 1,476,897.10	P 11,074,944.35
b. Arrears - current year	971,025.98	6,585,895.58
c. Arrears - previous years	29,595.13	589,519.73
Total	P 2,477,518.21	P 18,250,359.66

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 3,968,644.75

4.5 ON-TIME-PAID, This Month	This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 =$	62.3%	

4.6 COLLECTION EFFICIENCY, Y-T-D		
$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 =$	$\frac{17,660,839.93}{18,651,255.52} =$	94.7%

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

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{18,250,359.66}{22,619,900.27} = 80.7\%$$

### 5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
<b>5.1 REVENUES</b>			
a. Operating Revenues	P	2,450,555.38	18,651,255.52
b. Non-Operating revenues		71,811.15	567,113.74
Total	P	2,522,366.53	19,218,369.26
<b>5.2 EXPENSES</b>			
a. Salaries and wages	P	643,577.67	5,085,100.77
b. Pumping cost (Fuel, Oil, Electric)		2,897.65	22,078.28
c. Chemicals (treatment)		91,591.00	546,840.81
d. Other O & M Expense		664,829.13	6,942,230.89
e. Depreciation Expense		251,061.59	2,008,492.72
f. Interest Expense			
g. Others			
Total	P	1,653,957.04	14,604,743.47
<b>5.3 NET INCOME (LOSS)</b>	P	868,409.49	4,613,625.79
<b>5.4 CASH FLOW STATEMENT</b>			
a. Receipts	P	2,630,420.08	19,283,595.06
b. Disbursements		2,373,060.73	18,078,494.06
c. Net Receipts (Disbursements)		257,359.35	1,205,101.00
d. Cash balance, beginning		3,102,592.72	2,190,851.07
e. Cash balance, ending		3,359,952.07	3,359,952.07
<b>5.5 MISCELLANEOUS (Financial)</b>			
a. Loan Funds (Total)		-	-
1. Cash in Bank	P		
2. Cash on Hand			
b. WD Funds (Total)		-	3,366,809.07
1. Cash on hand	P		67,163.84
2. Cash in bank			1,026,912.28
3. Special Deposits			
4. Investments			
5. Working fund			6,857.00
6. Reserves			
6.1 WD-LWUA JSA			1,944,075.19
6.2 General Reserves			321,800.76
c. Materials & Supplies inventory	P		2,737,782.52
d. Accounts Receivable		-	4,627,381.40
1. Customers	P		4,342,836.54
2. Materials on loans			
3. Officers & Employees			284,544.86
e. Customers' deposits			141,902.23
f. Loans payable			33,476,574.69

g Payable to creditors eg. suppliers		175,671.61
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5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	1,653,957.04	= 0.67	14,604,743.47	= 0.78
Operating Revenues	2,450,555.38		18,651,255.52	
b. Net Income Ratio				
Net Income (Loss)	868,409.49	= 0.34	4,613,625.79	= 0.24
Total Revenues	2,522,366.53		19,218,369.26	
c. Current Ratio ( benchmark = $\geq 1.5$ )				
Current Assets			11,214,867.33	= 2.14
Current Liabilities			5,239,504.00	

## 6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity		Basis of Data
	Number	(In LPS) or (in Cum/Mo)	
a. Wells			
b. Springs	1	120	Volumetric Method
c. Surface/River	1	29	Volumetric Method
d. Bulk purchase			
Total	2	149	

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	84,147.0	646,947.0	Production Meter
2 Pumped			
Sub-Total	84,147.0	646,947.0	
b. External Source/s			
Total	84,147.0	646,947.0	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	174.70	1,392.90
b. Total power cost for pumping (PHP)	2,897.65	20,796.69
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)	12 hrs	144.50 hrs
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	186 kls	1,432 kls
g. Total Chlorine cost (PHP)	86,091.00	398,340.74
h. Total cost of other chemicals (PHP)	5,500.00	148,500.00
Total Production Cost	P 94,488.65 P	567,637.43

6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )		
a. Total Billed Metered Consumption (m <sup>3</sup> )	66,963.0	512,220.0
Residential	57,756.0	444,381.0
Government	699.0	6,516.0
Commercial/Industrial (Total)	8,508.0	61,323.0

Full Commercial	1,786.0	12,460.0
Commercial A	1,603.0	9,928.0
Commercial B	2,170.0	15,718.0
Commercial C	2,949.0	23,217.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	66,963.0	512,220.0
d. Metered unbilled	836.0	6,586.0
e. Unmetered unbilled	2,223.0	23,484.0
f. Total Accounted	70,022.0	542,290.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	16.8	
Residential (m <sup>3</sup> /conn/mo.)	15.5	
Government (m <sup>3</sup> /conn/mo)	349.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	33.4	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	85.9	
c. Accounted for water (%)	83.2%	83.8%
d. Revenue Producing Water (%)	79.6%	79.2%
e. Percent Non-revenue Water (%)	20%	21%
f. 24/7 Water Service (Y/N)	Y	

#### 7. STORAGE FACILITIES

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

#### 8. MISCELLANEOUS

##### 8.1 EMPLOYEES

a. Total	42
b. Regular	18
c. Casual	11
d. Job-order/COS	13
e. Number of active connections/employee	138
f. Average monthly salary/employee	29,224.71

##### 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	BELLA C. BALA-AN	2		2	16		16
VC 2	ZENAIDA G. GUILLEN	2		2	16		16
S 3	FLORITA C. SANTUYA	2		2	16		16
T 4	YOLANDA F. MAGANA	2		2	16		16
M 5	EVELYN U. LAYNO	2		2	16		16
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 14,976.00	119,808.00
d. Meetings:		
1. Held	2	16
2. Regular	2	16
3. Special/Emergency		

## 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.				
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			310,000.00	2,480,000.00	November CY 2030
2 LA No. 04-0066A NL			27,630.00	221,040.00	April CY 2041
3 LA No. 0066B NL			5,204.00	41,632.00	April CY 2041
4					
5					
Total			342,834.00	2,742,672.00	
b. Loans from Other Fund Sources					
1					
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	01/01/2007
d. Water Safety Plan Review	26/09/2019
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	21%	≤ 20%
b. Collection Efficiency (%) - YTD	94.7%	≥ 90%
c. S.Conn. Market Growth - YTD	243	≤ 10%
d. Capex (Php) - YTD	152,551.40	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	10.65%	≥ 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	2.14	≥ 1.5
h. Average Monthly Net Income (Php)	537,173.75	positive
i. Staff Productvity Index	138	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