

# MONTHLY DATA SHEET

For the Month Ending November 2021

Name of Water District : LIANGA

Province : SURIGAO DEL SUR

Region : CARAGA

CCC No. : 104

Email Address : liwad1979@yahoo.com

Website, if any: liangawaterdistrict.org

Contact Nos. (mobile): NONE

(landline) : 086-616-0020

Geo Coordinates of WD Office(Longitude, Latitude) : 8°37'55"N 126°5'42"E

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 Brgys.
Main Mun.:	<u>Liangá</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>4,941</u>		
2.2	Total Active	<u>3,830</u>		
2.3	Total metered	<u>3,830</u>		
2.4	Total billed	<u>3,763</u>		
2.5	Ave. Persons/Conn.	<u>6.0</u>		
2.6	Population Served (2.2 x 2.5)	<u>22,980</u>		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		<u>18</u>	<u>278</u>
	Reconnection		<u>9</u>	<u>114</u>
	Disconnected		<u>22</u>	<u>210</u>
	Increase (Decrease) in S. C.		<u>5</u>	<u>182</u>
2.8	No. of Customers in Arrears	<u>1,346</u>	<u>( 35.1% )</u>	
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	<u>3,556</u>		<u>3,556</u>
	Government	<u>2</u>		<u>2</u>
	Commercial/Industrial	<u>205</u>	<u>-</u>	<u>205</u>
	Full Commercial	<u>35</u>		<u>35</u>
	Commercial A	<u>32</u>		<u>32</u>
	Commercial B	<u>53</u>		<u>53</u>
	Commercial C	<u>85</u>		<u>85</u>

Commercial D			-
Bulk/Wholesale			-
Total	3,763	-	3,763

### 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	P 41.50	P 48.75	P	P
Commercial/Industrial							
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 2,252,808.50	P 23,307,460.20
b. Current - unmetered		
c. Penalty Charges	70,183.41	790,060.37
d.		
Less: Senior Citizen & PWD Discount	12,461.51	134,124.23
Total	P 2,310,530.40	P 23,963,396.34

#### 4.2 BILLING PER CONSUMER CLASS:

e Residential/Domestic	P 1,844,849.85	P 19,050,402.00
f Government	28,843.25	362,789.25
g Commercial/Industrial	379,115.40	3,894,268.95
h Bulk/Wholesale		
Total	P 2,252,808.50	P 23,307,460.20

#### 4.3 COLLECTION (Water Sales)

a. Current account	P 1,364,450.58	P 13,662,094.49
b. Arrears - current year	1,036,456.42	9,575,920.91
c. Arrears - previous years	12,211.04	440,022.83
Total	P 2,413,118.04	P 23,678,038.23

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 4,105,245.82

4.5 ON-TIME-PAID, This Month

<u>4.3a</u>	X 100 =	<u>This Month</u>	<u>Year-to-Date</u>
(4.1a) + (4.1b) - (4.1d)		60.9%	

#### 4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{23,238,015.40}{23,963,396.34} = 97.0\%$$

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

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{23,678,038.23}{28,068,642.16} = 84.4\%$$

### 5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
<b>5.1 REVENUES</b>		
a. Operating Revenues	P 2,310,530.40	P 23,963,396.34
b. Non-Operating revenues	37,820.93	373,876.56
Total	P 2,348,351.33	P 24,337,272.90
<b>5.2 EXPENSES</b>		
a. Salaries and wages	P 617,582.52	P 6,499,226.25
b. Pumping cost (Fuel, Oil, Electric)	3,490.04	28,326.92
c. Chemicals (treatment)	62,903.52	597,067.94
d. Other O & M Expense	1,327,948.20	8,695,555.90
e. Depreciation Expense	70,814.15	987,818.67
f. Interest Expense		
g. Others		
Total	P 2,082,738.43	P 16,807,995.68
<b>5.3 NET INCOME (LOSS)</b>	P 265,612.90	P 7,529,277.22
<b>5.4 CASH FLOW STATEMENT</b>		
a. Receipts	P 2,505,560.86	P 24,787,809.01
b. Disbursements	3,082,762.88	24,840,780.35
c. Net Receipts (Disbursements)	(577,202.02)	(52,971.34)
d. Cash balance, beginning	3,038,942.01	2,614,711.33
e. Cash balance, ending	2,461,739.99	2,561,739.99
<b>5.5 MISCELLANEOUS (Financial)</b>		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P	P
2. Cash on Hand		
b. WD Funds (Total)	-	2,476,739.99
1. Cash on hand	P	P 85,457.78
2. Cash in bank		583,381.31
3. Special Deposits		
4. Investments		
5. Working fund		15,000.00
6. Reserves		
6.1 WD-LWUA JSA		1,660,103.64
6.2 General Reserves		132,797.26
c. Materials & Supplies inventory	P	P 985,056.77
d. Accounts Receivable	-	4,064,859.11

1. Customers	P		P	4,059,459.11
2. Materials on loans				
3. Officers & Employees				5,400.00
e Customers' deposits				
f Loans payable				36,782,080.69
g Payable to creditors eg. suppliers				175,528.61

5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	2,082,738.43	=	16,807,995.68	=
Operating Revenues	2,310,530.40	0.90	23,963,396.34	0.70
b. Net Income Ratio				
Net Income (Loss)	265,612.90	=	7,529,277.22	=
Total Revenues	2,348,351.33	0.11	24,337,272.90	0.31
c Current Ratio ( benchmark = $\geq 1.5$ )				
Current Assets			7,367,710.03	=
Current Liabilities			5,001,235.43	1.47

## 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	-	

1. assumed 1 LPS = 1 cubic meter

6.2 WATER PRODUCTION (m <sup>3</sup> )			
a. WD-Owned Sources	This Month	Year-to-Date	Method of Measurement
1 Gravity	81,919.0	844,345.0	Production Meter
2 Pumped			
Sub-Total	81,919.0	844,345.0	
b. External Source/s			
Total	81,919.0	844,345.0	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	288.90	2,587.90
b. Total power cost for pumping (PHP)	3,490.04	28,326.92
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)	26 hrs.	262 hrs.
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	126.00	1,912.00
g. Total Chlorine cost (PHP)	57,403.52	523,879.96
h. Total cost of other chemicals (PHP)	5,500.00	67,485.00

Total Production Cost		₱ 66,393.56	₱ 619,691.88
6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )			
a. Total Billed Metered Consumption (m <sup>3</sup> )		64,888.0	672,690.0
Residential		57,947.0	601,447.0
Government		603.0	7,569.0
Commercial/Industrial (Total)		6,338.0	63,674.0
Full Commercial		1,132.0	11,810.0
Commercial A		1,347.0	15,803.0
Commercial B		1,666.0	15,666.0
Commercial C		2,193.0	20,395.0
Commercial D			
Bulk/Wholesale			
b. Unmetered billed			
c. Total billed		64,888.0	672,690.0
d. Metered unbilled		858.0	8,717.0
e. Unmetered unbilled		3,409.0	28,408.0
f. Total Accounted		69,155.0	709,815.0

#### 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	17.2	
Residential (m <sup>3</sup> /conn/mo.)	16.3	
Government (m <sup>3</sup> /conn/mo)	301.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	30.9	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	90.5	
c. Accounted for water (%)	84.4%	84.1%
d. Revenue Producing Water (%)	79.2%	79.7%
e. Percent Non-revenue Water (%)	21%	20%
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	40
b. Regular	18
c. Casual	11
d. Job-order/COS	11
e. Number of active connections/employee	130
f. Average monthly salary/employee	21,295.95

##### 8.2 BOARD OF DIRECTORS

a. Board of Directors	<u>Number of Meetings Attended</u>
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Position	Name	This Month			Year-to-Date		
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
C	1 BELLA C. BALA-AN	2		2	22	2	24
VC	2 ZENAIDA G. GUILLEN	2		2	22	2	24
S	3 FLORICITA C. SANTUYA	2		2	22	2	24
T	4 YOLANDA F. MAGANA	2		2	22	2	24
M	5 EVELYN U. LAYNO	2		2	16	1	17
6thM	6						
		This Month			Year-to-Date		
a. No. of Resolutions passed		5			43		
b. No. of Policies passed					1		
c. Directors fees paid		P 14,976.00			169,344.00		
d. Meetings:							
1. Held		2					
2. Regular		2					
3. Special/Emergency		-			2		

## 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.				
b.				
c.				
d.				
e.				
f.				
g.				
h.				
i.				
j.				
k.				
l.				
m.				
n.				
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 LA No. 04-0069 RL			290,000.00	3,190.00	November CY 2030
2 LA No. 04-0066A NL			27,630.00	303,930.00	April CY 2041
3 LA No. 0066B NL			5,204.00	57,244.00	April CY 2041
4					

5				
	Total		322,834.00	3,551,174.00
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	1/1/2007
d.	Water Safety Plan Review	9/26/2019
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	20%
b.	Collection Efficiency (%) - YTD	97.0%
c.	S.Conn. Market Growth - YTD	182
d.	Capex (Php) - YTD	52,371,059.45
e.	LWUA-WD JSA Reserves (%) - YTD	7.01%
f.1	Water Quality Compliance - Bacti (Y/N)	y
f.2	Water Quality Compliance - Phychem (Y/N)	y
f.3	Water Quality Compliance -Residual Chlorine (Y/N)	y
g.	Current Ratio - YTD	1.47
h.	Average Monthly Net Income (Php)	265,612.90
i.	Staff Productivity Index	130
j.	24/7 Water Service (% of Active S Conn)	y
k.	With Sanitation Facilities (Yes or No)	y

Prepared by:

GEMMA P. DOROJA

Certified Correct:



WILFREDO G. SANCHEZ

General Manager