

# MONTHLY DATA SHEET

For the Month Ending February 2022

Name of Water District :	LIANGA
Province :	SURIGAO DEL SUR
Region :	CARAGA
CCC No. :	104
Email Address :	<a href="mailto:liwad1979@yahoo.com">liwad1979@yahoo.com</a>
Website, if any:	<a href="http://www.liangawd.gov.ph">www.liangawd.gov.ph</a>
Contact Nos. (mobile):	
(landline) :	086-616-0020
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.:	Liangá	4th	13	9	69.2%
Annexed:					
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## 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	5,002		
2.2	Total Active	3,875		
2.3	Total metered	3,875		
2.4	Total billed	3,825		
2.5	Ave. Persons/Conn.	6.0		
2.6	Population Served (2.2 x 2.5)	23,250		
2.7	Growth in Service Connections (S. C.)		This Month	Year-to-Date
	New		50	92
	Reconnection		15	30
	Disconnected		12	45
	Increase (Decrease) in S. C.		53	77
2.8	No. of Customers in Arrears	1,362	( 35.1% )	
2.9	No. of Active Connections	Metered	Unmetered	Total
	Residential/Domestic	3,583		3,583
	Government	2		2
	Commercial/Industrial	240	-	240
	Full Commercial	39		39
	Commercial A	34		34
	Commercial B	62		62
	Commercial C	105		105
	Commercial D			-
	Bulk/Wholesale			-
	Total	3,825	-	3,825

### 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	₱ 265.00	₱ 30.65	₱ 35.25	₱ 41.50	₱ 48.75		
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	₱ 2,056,838.04	₱ 4,353,115.34
b. Current - unmetered		
c. Penalty Charges	66,591.09	131,923.13
d. Less: Senior Citizen & PWD Discount	12,097.30	24,398.08
Total	₱ 2,111,331.83	₱ 4,460,640.39

#### 4.2 BILLING PER CONSUMER CLASS:

e Residential/Domestic	₱ 1,643,321.94	₱ 3,440,537.89
f Government	25,742.00	64,103.00
g Commercial/Industrial	387,774.10	848,474.45
h Bulk/Wholesale		
Total	₱ 2,056,838.04	₱ 4,353,115.34

#### 4.3 COLLECTION (Water Sales)

a. Current account	₱ 1,246,708.71	₱ 2,779,545.96
b. Arrears - current year	700,023.79	1,170,885.51
c. Arrears - previous years	45,767.60	282,977.44
Total	₱ 1,992,500.10	₱ 4,233,408.91

#### 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

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 61.0\%$$

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

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{3,950,431.47}{4,460,640.39} = 88.6\%$$

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

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{4,233,408.91}{8,429,285.14} = 50.2\%$$

### 5. FINANCIAL DATA:

This Month

Year-to-Date

## 5.1 REVENUES

a. Operating Revenues	P	2,111,331.83	P	4,460,640.39
b. Non-Operating revenues		6,069.41		10,536.58
Total	P	2,117,401.24	P	4,471,176.97

## 5.2 EXPENSES

a. Salaries and wages	P	653,198.39	P	1,259,357.13
b. Pumping cost (Fuel, Oil, Electric)		224.74		1,085.37
c. Chemicals (treatment)		40,809.85		105,753.58
d. Other O & M Expense		728,146.23		1,720,795.86
e. Depreciation Expense		251,061.59		502,123.18
f. Interest Expense				
g. Others				
Total	P	1,673,440.80	P	3,589,115.12

5.3 NET INCOME (LOSS)	P	443,960.44	P	882,061.85
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## 5.4 CASH FLOW STATEMENT

a. Receipts	P	2,054,882.02	P	4,385,213.83
b. Disbursements		1,976,159.82		4,492,573.19
c. Net Receipts (Disbursements)		78,722.20		(107,359.36)
d. Cash balance, beginning		2,004,769.51		2,190,851.07
e. Cash balance, ending		2,083,491.71		2,083,491.71

## 5.5 MISCELLANEOUS (Financial)

a. Loan Funds (Total)		-		-
1. Cash in Bank	P		P	
2. Cash on Hand				
b. WD Funds (Total)		-		2,078,091.71
1. Cash on hand	P		P	59,239.71
2. Cash in bank				210,462.68
3. Special Deposits				
4. Investments				
5. Working fund				6,857.00
6. Reserves				
6.1 WD-LWUA JSA				1,693,041.54
6.2 General Reserves				108,490.78
c. Materials & Supplies inventory	P		P	2,416,817.44
d. Accounts Receivable		-		4,204,110.32
1. Customers	P		P	4,187,165.78
2. Materials on loans				
3. Officers & Employees				16,944.54
e. Customers' deposits				141,902.23
f. Loans payable				35,573.69
g. Payable to creditors eg. suppliers				193,228.61

## 5.6 FINANCIAL RATIOS

	This Month		Year-to-Date	
a. Operating Ratio ( benchmark = $\leq 0.75$ )				
Operating Expenses	1,673,440.80	=	3,589,115.12	=
Operating Revenues	2,111,331.83	0.79	4,460,640.39	0.80
b. Net Income Ratio				
Net Income (Loss)	443,960.44	=	882,061.85	=



	<u>Total Revenues</u>	<u>2,117,401.24</u>	<u>0.21</u>	<u>4,471,176.97</u>	<u>0.20</u>
c	Current Ratio ( benchmark = $\geq 1.5$ )				
	<u>Current Assets</u>			<u>7,010,560.00</u>	
	<u>Current Liabilities</u>			<u>5,211,051.92</u>	<u>= 1.35</u>

## 6. WATER PRODUCTION DATA:

### 6.1 SOURCE OF SUPPLY

	<u>Number</u>	<u>Total Rated Capacity</u> <u>(In LPS) or (in Cum/Mo)</u>	<u>Basis of Data</u>
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>)

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. WD-Owned Sources			
1 Gravity	73,672.0	156,519.0	Production Meter
2 Pumped			
Sub-Total	73,672.0	156,519.0	
b. External Source/s			
Total	73,672.0	156,519.0	

### 6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (KW-Hr)	10.50	68.70
b. Total power cost for pumping (PHP)	224.74	1,085.37
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)		5 HRS
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	227 kls	352.00
g. Total Chlorine cost (PHP)	35,309.85	54,753.60
h. Total cost of other chemicals (PHP)	5,500.00	51,000.00
Total Production Cost	₱ 41,034.59	₱ 106,838.97

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

a. Total Billed Metered Consumption (m <sup>3</sup> )	58,306.0	123,322.0
Residential	51,095.0	107,492.0
Government	538.0	1,338.0
Commercial/Industrial (Total)	6,673.0	14,492.0
Full Commercial	1,237.0	2,654.0
Commercial A	1,162.0	2,279.0
Commercial B	1,621.0	3,771.0
Commercial C	2,653.0	5,788.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	58,306.0	123,322.0
d. Metered unbilled	724.0	1,671.0
e. Unmetered unbilled	2,336.0	5,242.0
f. Total Accounted	61,366.0	130,235.0

## 6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	15.2	
Residential (m <sup>3</sup> /conn/mo.)	14.3	
Government (m <sup>3</sup> /conn/mo)	269.0	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	27.8	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	79.2	
c. Accounted for water (%)	83.3%	83.2%
d. Revenue Producing Water (%)	79.1%	78.8%
e. Percent Non-revenue Water (%)	21%	21%
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	18
c. Casual	11
d. Job-order/COS	14
e. Number of active connections/employee	132
f. Average monthly salary/employee	22,524.08

### 8.2 BOARD OF DIRECTORS

#### a. Board of Directors

		Number of Meetings Attended					
		This Month			Year-to-Date		
		Special/			Special/		
Position	Name	Regular	Emergency	Total	Regular	Emergency	Total
C	1 BELLA C. BALA-AN	2		2	4		4
VC	2 ZENAIDA G. GUILLEN	2		2	4		4
S	3 FLORITA C. SANTUYA	2		2	4		4
T	4 YOLANDA F. MAGANA	2		2	4		4
M	5 EVELYN U. LAYNO	2		2	4		4
6thM	6						
		This Month			Year-to-Date		
a.	No. of Resolutions passed	3			9		
b.	No. of Policies passed						
c.	Directors fees paid	P 14,976.00			29,952.00		
d.	Meetings:						
	1. Held	2			4		
	2. Regular	2			4		
	3. Special/Emergency						

## 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 ACCOMPLISHMENT
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			310,000.00	310,000.00	November CY 2030
2 LA No. 04-0066A NL			27,630.00	27,630.00	April CY 2041
3 LA No. 0066B NL			5,204.00	5,204.00	April CY 2041
4					
5					
Total			342,834.00	685,668.00	
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	88.6%	≥ 90%

c.	S.Conn. Market Growth - YTD	77	≤ 10%
d.	Capex (Php) - YTD		451,786.42
e.	LWUA-WD JSA Reserves (%) - YTD	39.99%	≥ 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	1.35	≥ 1.5
h.	Average Monthly Net Income (Php)	441,030.93	positive
i.	Staff Productvity Index	132	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