

MONTHLY DATA SHEET

For the Month Ending **DECEMBER** **2023**

Name of Water District :	LIANGA
Province :	SURIGAO DEL SUR
Region :	CARAGA
CCC No. :	104
Email Address :	liwad1979@yahoo.com
Website, if any:	www.liangawd.gov.ph
Contact Nos. (mobile):	N/A
(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.:	Liang	4th	13	9	69.2%
Annexed:					
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2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	5,477		
2.2 Total Active	4,108		
2.3 Total metered	4,108		
2.4 Total billed	4,108		
2.5 Ave. Persons/Conn.	6.0		
2.6 Population Served (2.2 x 2.5)	24,648		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		20	288
Reconnection		20	204
Disconnected		21	369
Increase (Decrease) in S. C.		19	123
2.8 No. of Customers in Arrears	1,764	(42.9%)	
2.9 No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
Residential/Domestic	3,688	-	3,688
Government	3	-	3
Commercial/Industrial	417	-	417
Full Commercial	46		46
Commercial A	39		39
Commercial B	188		188
Commercial C	144		144
Commercial D	-		-
Bulk/Wholesale	-		-

Total

4,108

-

4,108

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:

	<u>This Month</u>	<u>Year-to-Date</u>
4.1 BILLING (Water Sales)		
a. Current - metered	P 3,171,900.75	P 30,824,580.58
b. Current - unmetered		
c. Penalty Charges	105,206.14	1,136,533.82
d. Less: Senior Citizen & PWD Discount	11,542.06	145,349.63
Total	P 3,265,564.83	P 31,815,764.77

4.2 BILLING PER CONSUMER CLASS:

e Residential/Domestic	P 1,922,330.40	P 22,210,868.58
f Government	57,979.25	575,032.50
g Commercial/Industrial	959,304.70	7,917,978.65
h Bulk/Wholesale		
Total	P 2,939,614.35	P 30,703,879.73

4.3 COLLECTION (Water Sales)

a. Current account	P 1,645,783.78	P 16,760,098.79
b. Arrears - current year	1,610,985.86	14,125,342.16
c. Arrears - previous years	14,962.52	519,921.80
Total	P 3,271,732.16	P 31,405,362.75

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):

4,188,083.41

4.5 ON-TIME-PAID, This MonthThis MonthYear-to-Date

$$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 52.1\%$$

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{30,885,440.95}{31,815,764.77} = 97.1\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{31,405,362.75}{36,003,848.18} = 87.2\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P 3,279,896.43	P 32,262,944.43
b. Non-Operating revenues	-	498,836.48
Total	P 3,279,896.43	P 32,761,780.91
5.2 EXPENSES		
a. Salaries and wages	P 703,950.28	P 8,525,105.14
b. Pumping cost (Fuel, Oil, Electric)	23,781.13	370,568.87
c. Chemicals (treatment)	88,039.44	801,873.22
d. Other O & M Expense	1,576,960.84	11,455,823.17
e. Depreciation Expense	265,489.33	3,027,166.82
f. Interest Expense	-	-
g. Others	-	-
Total	P 2,658,221.02	P 24,180,537.22
5.3 NET INCOME (LOSS)	P 621,675.41	P 8,581,243.69
5.4 CASH FLOW STATEMENT		
a. Receipts	P 3,552,559.08	P 33,240,787.66
b. Disbursements	3,244,152.50	31,343,728.23
c. Net Receipts (Disbursements)	308,406.58	1,897,059.43
d. Cash balance, beginning	3,494,886.73	1,906,233.88
e. Cash balance, ending	3,803,293.31	3,803,293.31
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P -	P -
2. Cash on Hand	-	-
b. WD Funds (Total)	-	3,803,293.31
1. Cash on hand	P -	P 291,207.42
2. Cash in bank	-	1,464,913.03
3. Special Deposits	-	-
4. Investments	-	-
5. Working fund	-	-
6. Reserves	-	-
6.1 WD-LWUA JSA	-	930,907.21
6.2 General Reserves	-	1,116,265.65
c. Materials & Supplies inventory	P -	P 1,512,938.32
d. Accounts Receivable	-	1,811,969.80
1. Customers	P -	P 1,811,969.80
2. Materials on loans	-	-
3. Officers & Employees	-	-
e. Customers' deposits	-	141,902.23
f. Loans payable	-	27,991,230.69

g Payable to creditors eg. suppliers

5.6 FINANCIAL RATIOS

a. Operating Ratio (benchmark = ≤ 0.75)

	This Month		Year-to-Date	
Operating Expenses	2,658,221.02	=	24,180,537.22	=
Operating Revenues	3,279,896.43		32,262,944.43	0.75

b. Net Income Ratio

Net Income (Loss)	621,675.41	=	8,581,243.69	=
Total Revenues	3,279,896.43		32,761,780.91	0.26

c. Current Ratio (benchmark = ≥ 1.5)

Current Assets			9,062,025.33	=
Current Liabilities			5,979,311.52	1.52

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 (m³)

	This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources			
1 Gravity	91,066.0	1,000,844.0	Production Meter
2 Pumped	2,255.0	27,033.0	Production Meter
Sub-Total	93,321.0	1,027,877.0	
b. External Source/s	-	-	-
Total	93,321.0	1,027,877.0	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	2,114.70	25,922.98
b. Total power cost for pumping (PHP)	23,781.13	372,568.77
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	514.5 hrs.	3,973 hrs.
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	163 kgs.	1,619 kls.
g. Total Chlorine cost (PHP)	82,639.44	738,273.32
h. Total cost of other chemicals (PHP)	5,400.00	63,600.00
Total Production Cost	P 111,820.57	P 1,174,442.09

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	76,189.0	835,292.0
Residential	58,934.0	687,450.0
Government	1,203.0	11,958.0
Commercial/Industrial (Total)	16,052.0	135,884.0

Full Commercial	2,438.0	21,178.0
Commercial A	1,540.0	17,383.0
Commercial B	7,859.0	47,897.0
Commercial C	4,215.0	49,426.0
Commercial D		
Bulk/Wholesale	-	
b. Unmetered billed	-	-
c. Total billed	76,189.0	835,292.0
d. Metered unbilled	863.0	10,057.0
e. Unmetered unbilled	2,555.0	42,017.0
f. Total Accounted	79,607.0	887,366.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	18.5	
Residential (m ³ /conn/mo.)	16.0	
Government (m ³ /conn/mo)	401.0	
Commercial/Industrial (m ³ /conn/mo)	38.5	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	88.8	
c. Accounted for water (%)	85.3%	86.3%
d. Revenue Producing Water (%)	81.6%	81.3%
e. Percent Non-revenue Water (%)	18%	19%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	<u>No. of Units</u>	<u>Total Capacity (m³)</u>
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	133
f. Average monthly salary/employee	23,680.85

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>Regular</u>	<u>Emergency</u>	<u>Total</u>	<u>Regular</u>	<u>Emergency</u>	<u>Total</u>	
C	1	BELLA C. BALA-AN	-	-	-	8	5	13
VC	2	ZENAIDA G. GUILLEN	-	-	-	11	9	20
S	3	FLORITA C. SANTUYA	1	1	2	13	11	24
T	4	DANILO M. GARAY	1	1	2	13	11	24
M	5	EVELYN U. LAYNO	1	1	2	13	11	24
6thM	6	-						-

	<u>This Month</u>	<u>Year-to-Date</u>
a. No. of Resolutions passed	4	54
b. No. of Policies passed		1
c. Directors fees paid	P 9,216.00	155,808.00
d. Meetings:		
1. Held	2	24
2. Regular	1	13
3. Special/Emergency	1	11

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.				
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	3,720,000.00	November CY 2030
2 LA No. 04-0066A NL		6,465,373.17	27,630.00	331,560.00	April CY 2041
3 LA No. 0066B NL		1,217,690.00	5,204.00	62,448.00	April CY 2041
4 -		-	-	-	-
5 -		-	-	-	-
Total		36,219,246.69	342,834.00	4,114,008.00	
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	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	19%	≤ 20%
b. Collection Efficiency (%) - YTD	97.1%	≥ 90%
c. S.Conn. Market Growth - YTD	123	≤ 10%
d. Capex (Php) - YTD	1,941,529.97	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	2.96%	≥ 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	1.52	≥ 1.5
h. Average Monthly Net Income (Php)	720,638.20	positive
i. Staff Productivity Index	133	1/120
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