

MONTHLY DATA SHEET

For the Month Ending **DECEMBER** **2022**

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):	
(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
	<u>Name of Municipality(ies)</u>	<u>Mun. Class</u>			
Main Mun.:	Liangá	4th	13	9	69.2%
Annexed:					
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2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	5,284		
2.2	Total Active	4,023		
2.3	Total metered	4,023		
2.4	Total billed	3,994		
2.5	Ave. Persons/Conn.	6.0		
2.6	Population Served (2.2 x 2.5)	24,138		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		12	43
	Reconnection		7	148
	Disconnected		25	246
	Increase (Decrease) in S. C.		(6)	(55)
2.8	No. of Customers in Arrears	1,646 (40.9%)		
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	3,702		3,702
	Government	2		2
	Commercial/Industrial	290	-	290
	Full Commercial	40		40
	Commercial A	39		39
	Commercial B	81		81
	Commercial C	130		130
	Commercial D			-

Bulk/Wholesale			-
Total	3,994	-	3,994

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	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 2,353,007.72	P 27,933,636.82
b. Current - unmetered		
c. Penalty Charges	92,022.59	949,161.06
d. Less: Senior Citizen & PWD Discount	12,575.97	151,424.20
Total	P 2,432,454.34	P 28,731,373.68

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 1,777,094.77	P 21,653,433.95
f Government	41,871.00	483,154.25
g Commercial/Industrial	534,041.95	5,797,035.60
h Bulk/Wholesale		
Total	P 2,353,007.72	P 27,933,623.80

4.3 COLLECTION (Water Sales)		
a. Current account	P 1,264,802.07	P 16,832,679.12
b. Arrears - current year	1,343,669.11	11,002,373.95
c. Arrears - previous years	4,052.65	621,204.47
Total	P 2,612,523.83	P 28,456,257.54

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
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100 = 54.0\%$	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{27,835,053.07}{28,731,373.68} = 96.9\%$	
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4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{28,456,257.54}{32,700,018.43} = 87.0\%$$

5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES			
a. Operating Revenues	P	2,432,454.34	28,731,373.68
b. Non-Operating revenues		76,438.96	998,271.18
Total	P	2,508,893.30	29,729,644.86
5.2 EXPENSES			
a. Salaries and wages	P	678,522.00	7,752,491.34
b. Pumping cost (Fuel, Oil, Electric)		6,479.05	42,246.21
c. Chemicals (treatment)		101,255.88	860,978.05
d. Other O & M Expense		2,070,903.28	11,628,827.58
e. Depreciation Expense		251,061.59	3,012,739.08
f. Interest Expense			
g. Others			
Total	P	3,108,221.80	23,297,282.26
5.3 NET INCOME (LOSS)	P	(599,328.50)	6,432,362.60
5.4 CASH FLOW STATEMENT			
a. Receipts	P	2,754,280.23	30,054,531.07
b. Disbursements		2,946,279.81	30,339,148.26
c. Net Receipts (Disbursements)		(191,999.58)	(284,617.19)
d. Cash balance, beginning		2,098,233.46	2,190,851.07
e. Cash balance, ending		1,906,233.88	1,906,233.88
5.5 MISCELLANEOUS (Financial)			
a. Loan Funds (Total)		-	-
1. Cash in Bank	P		
2. Cash on Hand			
b. WD Funds (Total)		-	1,906,233.88
1. Cash on hand	P		166,573.57
2. Cash in bank			46,848.25
3. Special Deposits			
4. Investments			
5. Working fund			
6. Reserves			
6.1 WD-LWUA JSA			633,922.23
6.2 General Reserves			1,058,889.83
c. Materials & Supplies inventory	P		3,410,508.37
d. Accounts Receivable		-	4,208,653.41
1. Customers	P		4,188,083.41
2. Materials on loans			
3. Officers & Employees			20,570.00
e. Customers' deposits			141,902.23
f. Loans payable			32,105,238.69

g Payable to creditors eg. suppliers		1,572,406.91
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5.6 FINANCIAL RATIOS	This Month		Year-to-Date	
a. Operating Ratio (benchmark = ≤ 0.75)				
Operating Expenses	3,108,221.80	=	23,297,282.26	=
Operating Revenues	2,432,454.34		28,731,373.68	0.81
b. Net Income Ratio				
Net Income (Loss)	(599,328.50)	=	6,432,362.60	=
Total Revenues	2,508,893.30	(0.24)	29,729,644.86	0.22
c. Current Ratio (benchmark = ≥ 1.5)				
Current Assets			10,627,218.67	=
Current Liabilities			6,879,697.22	1.54

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY	Total Rated Capacity			
	Number	(In LPS) or (in Cum/Mo)		Basis of Data
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 ³)			
a. WD-Owned Sources	This Month	Year-to-Date	Method of Measurement
1 Gravity	82,992.0	989,438.0	Production Meter
2 Pumped			
Sub-Total	82,992.0	989,438.0	
b. External Source/s			
Total	82,992.0	989,438.0	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	397.00	2,664.00
b. Total power cost for pumping (PHP)	6,479.05	40,964.62
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)	27 hrs.	287.50 hrs.
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	105 kls.	2,051 kls.
g. Total Chlorine cost (PHP)	95,755.88	676,877.98
h. Total cost of other chemicals (PHP)	5,500.00	184,100.00
Total Production Cost	P 107,734.93	P 901,942.60

6.4 ACCOUNTED FOR WATER (m ³)		
a. Total Billed Metered Consumption (m ³)	64,326.0	784,990.0
Residential	54,438.0	677,421.0
Government	872.0	10,065.0
Commercial/Industrial (Total)	9,016.0	97,504.0

Full Commercial	1,733.0	19,149.0
Commercial A	1,451.0	15,672.0
Commercial B	2,413.0	25,878.0
Commercial C	3,419.0	36,805.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	64,326.0	784,990.0
d. Metered unbilled	871.0	9,956.0
e. Unmetered unbilled	1,210.0	30,962.0
f. Total Accounted	66,407.0	825,908.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	16.1	
Residential (m ³ /conn/mo.)	14.7	
Government (m ³ /conn/mo)	436.0	
Commercial/Industrial (m ³ /conn/mo)	31.1	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	81.7	
c. Accounted for water (%)	80.0%	83.5%
d. Revenue Producing Water (%)	77.5%	79.3%
e. Percent Non-revenue Water (%)	22%	21%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No.of Units	Total Capacity (m ³)
a. Elevated Reservoir(s)		
b. Ground Reservoir(s)	2	350

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	41
b. Regular	18
c. Casual	13
d. Job-order/COS	10
e. Number of active connections/employee	129
f. Average monthly salary/employee	

8.2 BOARD OF DIRECTORS

a. Board of Directors

		Number of Meetings Attended						
		This Month			Year-to-Date			
Position		Regular	Emergency	Total	Regular	Emergency	Total	
C	1	BELLA C. BALA-AN	2	1	3	23	1	24
VC	2	ZENAIDA G. GUILLEN	2	1	3	23	1	24
S	3	FLORITA C. SANTUYA	2	1	3	22	1	23
T	4	YOLANDA F. MAGANA	2	1	3	23	1	24
M	5	EVELYN U. LAYNO	2	1	3	23	1	24
6thM	6							

	<u>This Month</u>	<u>Year-to-Date</u>
a. No. of Resolutions passed	3	45
b. No. of Policies passed		
c. Directors fees paid	₱ 22,464.00	178,272.00
d. Meetings:		
1. Held	3	24
2. Regular	2	23
3. Special/Emergency	1	1

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			310,000.00	3,720,000.00	November CY 2030
2 LA No. 04-0066A NL			27,630.00	331,560.00	April CY 2041
3 LA No. 0066B NL			5,204.00		April CY 2041
4					
5					
Total			342,834.00	4,114,008.00	
b. Loans from Other Fund Sources					
1					
2					
3					
4					
5					
Total					

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

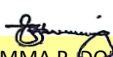
Year when Last installed /reviewed

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	96.9%	≥ 90%
c. S.Conn. Market Growth - YTD	-55	≤ 10%
d. Capex (Php) - YTD	2,812,085.61	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	2.23%	≥ 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	1.54	≥ 1.5
h. Average Monthly Net Income (Php)	536,030.22	positive
i. Staff Productvity Index	129	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