

MONTHLY DATA SHEET

For the Month Ending **OCTOBER** **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
	<u>Name of Municipality(ies)</u>	<u>Mun. Class</u>			
Main Mun.:	Lianga	4th	13	9	69.2%
Annexed:					
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2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	5,465		
2.2	Total Active	4,095		
2.3	Total metered	4,095		
2.4	Total billed	4,095		
2.5	Ave. Persons/Conn.	6.0		
2.6	Population Served (2.2 x 2.5)	24,570		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		23	249
	Reconnection		22	167
	Disconnected		34	315
	Increase (Decrease) in S. C.		11	101
2.8	No. of Customers in Arrears	1,757	(42.9%)	
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	3,683	-	3,683
	Government	3	-	3
	Commercial/Industrial	409	-	409
	Full Commercial	46		46
	Commercial A	39		39
	Commercial B	185		185
	Commercial C	139		139
	Commercial D	-		-
	Bulk/Wholesale	-		-

Total

4,095

-

4,095

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 2,884,718.88	P 25,104,819.53
b. Current - unmetered		-
c. Penalty Charges	102,485.76	934,633.09
d. Less: Senior Citizen & PWD Discount	11,932.67	121,722.71
Total	P 2,975,271.97	P 25,917,729.91
4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 1,876,550.95	P 18,426,245.17
f Government	56,321.75	460,877.75
g Commercial/Industrial	917,859.70	6,117,362.55
h Bulk/Wholesale		
Total	P 2,850,732.40	P 25,004,485.47
4.3 COLLECTION (Water Sales)		
a. Current account	P 1,550,037.63	P 13,558,468.98
b. Arrears - current year	1,227,406.29	10,974,867.64
c. Arrears - previous years	14,264.28	499,585.16
Total	P 2,791,708.20	P 25,032,921.78
4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):		4,188,083.41

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

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{24,533,336.62}{25,917,729.91} = 94.7\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{25,032,921.78}{30,105,813.32} = 83.1\%$$

5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES			
a. Operating Revenues	P	2,975,271.97	25,917,729.91
b. Non-Operating revenues		4,000.00	932,179.59
Total	P	2,979,271.97	26,849,909.50
5.2 EXPENSES			
a. Salaries and wages	P	696,355.23	7,115,838.33
b. Pumping cost (Fuel, Oil, Electric)		15,590.52	320,139.53
c. Chemicals (treatment)		96,042.64	646,914.42
d. Other O & M Expense		934,683.88	8,728,719.04
e. Depreciation Expense		251,061.59	2,510,615.90
f. Interest Expense		-	-
g. Others		-	-
Total	P	1,993,733.86	19,322,227.22
5.3 NET INCOME (LOSS)	P	985,538.11	7,527,682.28
5.4 CASH FLOW STATEMENT			
a. Receipts	P	2,877,508.08	26,534,820.87
b. Disbursements		2,282,735.41	24,477,147.40
c. Net Receipts (Disbursements)		594,772.67	2,057,673.47
d. Cash balance, beginning		3,369,134.68	1,906,233.88
e. Cash balance, ending		3,963,907.35	3,963,907.35
5.5 MISCELLANEOUS (Financial)			
a. Loan Funds (Total)		-	-
1. Cash in Bank	P	-	-
2. Cash on Hand		-	-
b. WD Funds (Total)		-	5,014,297.58
1. Cash on hand	P		203,499.89
2. Cash in bank			2,302,366.71
3. Special Deposits			
4. Investments			
5. Working fund			15,000.00
6. Reserves			
6.1 WD-LWUA JSA			1,458,040.75
6.2 General Reserves			1,035,390.23
c. Materials & Supplies inventory	P		1,495,680.31
d. Accounts Receivable		-	5,223,144.57
1. Customers	P		5,038,357.12
2. Materials on loans			
3. Officers & Employees			184,787.45
e. Customers' deposits			141,902.23
f. Loans payable			28,676,898.69

g Payable to creditors eg. suppliers		153,963.13
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5.6 FINANCIAL RATIOS	This Month	Year-to-Date
a. Operating Ratio (benchmark = ≤ 0.75)		
$\frac{\text{Operating Expenses}}{\text{Operating Revenues}}$	$\frac{1,993,733.86}{2,975,271.97} = 0.67$	$\frac{19,322,227.22}{25,917,729.91} = 0.75$
b. Net Income Ratio		
$\frac{\text{Net Income (Loss)}}{\text{Total Revenues}}$	$\frac{985,538.11}{2,979,271.97} = 0.33$	$\frac{7,527,682.28}{26,849,909.50} = 0.28$
c. Current Ratio (benchmark = ≥ 1.5)		
$\frac{\text{Current Assets}}{\text{Current Liabilities}}$		$\frac{14,012,047.32}{5,137,505.46} = 2.73$

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	44.8	116,480	Volumetric Method
c. Surface/River	1	29	75,400	Volumetric Method
d. Bulk purchase				
Total	2	73.8	191,880	

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m ³)	This Month	Year-to-Date	Method of Measurement
a. WD-Owned Sources			
1 Gravity	88,535.0	823,996.0	Production Meter
2 Pumped	2,416.0	22,095.0	Production Meter
Sub-Total	90,951.0	846,091.0	
b. External Source/s	-	-	-
Total	90,951.0	846,091.0	

6.3 WATER PRODUCTION COST	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	2,254.00	21,249.58
b. Total power cost for pumping (PHP)	15,590.52	320,139.53
c. Other energy cost (oil, etc.) (PHP)	-	-
d. Total Pumping Hours (motor drive)	467 hrs.	3,029 hrs.
e. Total Pumping Hours (engine drive)	-	-
f. Total Chlorine consumed (Kg.)	140 kg.	1,319 kls.
g. Total Chlorine cost (PHP)	94,042.64	590,714.52
h. Total cost of other chemicals (PHP)	2,000.00	56,200.00
Total Production Cost	P 111,633.16 P	967,054.05

6.4 ACCOUNTED FOR WATER (m ³)		
a. Total Billed Metered Consumption (m ³)	74,018.0	685,746.0
Residential	57,516.0	570,607.0
Government	1,169.0	9,589.0
Commercial/Industrial (Total)	15,333.0	105,550.0

Full Commercial	2,164.0	16,649.0
Commercial A	1,489.0	14,246.0
Commercial B	8,225.0	32,986.0
Commercial C	3,455.0	41,669.0
Commercial D	-	-
Bulk/Wholesale	-	-
b. Unmetered billed	-	-
c. Total billed	74,018.0	685,746.0
d. Metered unbilled	733.0	8,434.0
e. Unmetered unbilled	694.0	39,063.0
f. Total Accounted	75,445.0	733,243.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	18.1	
Residential (m ³ /conn/mo.)	15.6	
Government (m ³ /conn/mo)	389.7	
Commercial/Industrial (m ³ /conn/mo)	37.5	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	86.8	
c. Accounted for water (%)	83.0%	86.7%
d. Revenue Producing Water (%)	81.4%	81.0%
e. Percent Non-revenue Water (%)	19%	19%
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	43
b. Regular	19
c. Casual	12
d. Job-order/COS	12
e. Number of active connections/employee	132
f. Average monthly salary/employee	22,978.35

8.2 BOARD OF DIRECTORS

a. Board of Directors

Position	Name	Number of Meetings Attended					
		This Month			Year-to-Date		
		Regular	Emergency	Total	Regular	Emergency	Total
C 1	BELLA C. BALAN				8	5	13
VC 2	ZENAIDA G. GUILLEN	1	1	2	11	9	20
S 3	FLORITA C. SANTUYA	1	1	2	11	9	20
T 4	DANILO M. GARAY	1	1	2	11	9	20
M 5	EVELYN U. LAYNO	1	1	2	11	9	20
6thM 6	-	-	-	-	-	-	-

		<u>This Month</u>	<u>Year-to-Date</u>
a. No. of Resolutions passed		3	44
b. No. of Policies passed			1
c. Directors fees paid	P	11,520.00	137,664.00
d. Meetings:			
1. Held		2	20
2. Regular		1	11
3. Special/Emergency		1	9

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.	Limestone Removal at Simulao TL	215,581.00	AB	100%
b.				
c.				
d.				
e.				
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g.				
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i.				
j.				
k.				
l.				
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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	3,100,000.00	November CY 2030
2 LA No. 04-0066A NL		6,465,373.17	27,630.00	276,300.00	April CY 2041
3 LA No. 0066B NL		1,217,690.00	5,204.00	52,040.00	April CY 2041
4 -		-	-	-	-
5 -		-	-	-	-
Total		36,219,246.69	342,834.00	3,428,340.00	
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	94.7%	≥ 90%
c. S.Conn. Market Growth - YTD	101	≤ 10%
d. Capex (Php) - YTD	202,000.00	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	5.82%	≥ 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	2.73	≥ 1.5
h. Average Monthly Net Income (Php)	752,768.23	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