

MONTHLY DATA SHEET

For the Month Ending December 31, 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			No. of Brgys Served	Percent (%) Served to Total Brgys.
Name of Municipality(ies)	Mun. Class	Total No. of Brgys.		
Main Mun.: Lianga	4th	13	9	69.2%
Annexed:				
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2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	4,952		
2.2 Total Active	3,880		
2.3 Total metered	3,880		
2.4 Total billed	3,748		
2.5 Ave. Persons/Conn.	6.0		
2.6 Population Served (2.2 x 2.5)	23,280		
2.7 Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
New		11	289
Reconnection		7	121
Disconnected		34	244
Increase (Decrease) in S. C.		(16)	166
2.8 No. of Customers in Arrears	1,483	(38.2%)	
2.9 No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
Residential/Domestic	3,521		3,521
Government	2		2
Commercial/Industrial	225	-	225
Full Commercial	39		39
Commercial A	34		34
Commercial B	57		57
Commercial C	95		95
Commercial D			-
Bulk/Wholesale			-

Total	3,748	-	3,748
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3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): Effectivity (mm/dd/year): 1/1/2007

3.2 Water Rates

CLASSIFICATION	MINIMUM CHARGES	COMMODITY 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							
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 2,136,102.90	P 25,443,563.10
b. Current - unmetered		
c. Penalty Charges	73,468.85	863,529.22
d. Less: Senior Citizen & PWD Discount	12,398.80	146,523.07
Total	P 2,197,172.95	P 26,160,569.25

4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 1,681,578.60	P 20,731,980.60
f Government	29,244.75	392,034.00
g Commercial/Industrial	425,279.55	4,319,548.50
h Bulk/Wholesale		
Total	P 2,136,102.90	P 25,443,563.10

4.3 COLLECTION (Water Sales)		
a. Current account	P 1,225,087.90	P 14,887,182.39
b. Arrears - current year	1,070,207.87	10,646,128.78
c. Arrears - previous years	834.50	440,857.33
Total	P 2,296,130.27	P 25,974,168.50

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

4.5 ON-TIME-PAID, This Month

	This Month	Year-to-Date
$\frac{4.3a}{(4.1a) + (4.1b) - (4.1d)} \times 100$	= 57.7%	

4.6 COLLECTION EFFICIENCY, Y-T-D

$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100$	= $\frac{25,533,311.17}{26,160,569.25}$	= 97.6%
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4.7 COLLECTION RATIO, Y-T-D

$\frac{4.3 \text{ Total}}{4.1 \text{ Total}}$	= $\frac{25,974,168.50}{26,160,569.25}$	= 95.8%
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4.1 Total + 4.4

30,265,815.07

5. FINANCIAL DATA:

		<u>This Month</u>	<u>Year-to-Date</u>
5.1	REVENUES		
a.	Operating Revenues	P 2,197,172.91	P 26,160,569.25
b.	Non-Operating revenues	3,917.05	377,348.32
	Total	P 2,201,089.96	P 26,537,917.57
5.2	EXPENSES		
a.	Salaries and wages	P 909,865.72	P 7,409,091.97
b.	Pumping cost (Fuel, Oil, Electric)	171.53	28,498.45
c.	Chemicals (treatment)	53,452.98	650,520.92
d.	Other O & M Expense	1,793,710.94	10,489,266.84
e.	Depreciation Expense	79,763.81	1,067,582.48
f.	Interest Expense		
g.	Others		
	Total	P 2,836,964.98	P 19,644,960.66
5.3	NET INCOME (LOSS)	P (635,875.02)	P 6,892,956.91
5.4	CASH FLOW STATEMENT		
a.	Receipts	P 2,444,965.19	P 27,232,774.20
b.	Disbursements	2,715,854.11	27,656,634.46
c.	Net Receipts (Disbursements)	(270,888.92)	(423,860.26)
d.	Cash balance, beginning	2,461,739.99	2,614,711.33
e.	Cash balance, ending	2,190,851.07	2,190,851.07
5.5	MISCELLANEOUS (Financial)		
a.	Loan Funds (Total)	-	-
1.	Cash in Bank	P	P
2.	Cash on Hand		
b.	WD Funds (Total)	-	2,187,851.07
1.	Cash on hand	P	P 48,667.41
2.	Cash in bank		360,281.49
3.	Special Deposits		
4.	Investments		
5.	Working fund		
6.	Reserves		
6.1	WD-LWUA JSA		1,685,367.15
6.2	General Reserves		93,535.02
c.	Materials & Supplies inventory	P	P 2,276,076.76
d.	Accounts Receivable	-	3,968,644.75
1.	Customers	P	P 3,968,644.75
2.	Materials on loans		
3.	Officers & Employees		
e.	Customers' deposits		
f.	Loans payable		36,459,246.69
g.	Payable to creditors eg. suppliers		175,528.61
5.6	FINANCIAL RATIOS	<u>This Month</u>	<u>Year-to-Date</u>

- a. Operating Ratio (benchmark = ≤ 0.75)

Operating Expenses	2,836,964.98	=	1.29	$\frac{19,644,960.66}{26,160,569.25}$	=	0.75
Operating Revenues	2,197,172.91					

- b. Net Income Ratio

Net Income (Loss)	(635,875.02)	=	(0.29)	$\frac{6,892,956.91}{26,537,917.57}$	=	0.26
Total Revenues	2,201,089.96					

- c. Current Ratio (benchmark = ≥ 1.5)

Current Assets				6,862,021.30	=	1.29
Current Liabilities				5,300,111.97		

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	Number	Total Rated Capacity		Basis of Data
		(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	-	

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	76,795.0	921,140.0	Production Meter
2 Pumped			
Sub-Total	76,795.0	921,140.0	
b. External Source/s			
Total	76,795.0	921,140.0	

6.3 WATER PRODUCTION COST

	This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)	7.70	2,595.60
b. Total power cost for pumping (PHP)	171.53	28,326.92
c. Other energy cost (oil, etc.) (PHP)		
d. Total Pumping Hours (motor drive)		238 hrs
e. Total Pumping Hours (engine drive)		
f. Total Chlorine consumed (Kg.)	121.00	2,033.00
g. Total Chlorine cost (PHP)	16,927.98	540,807.94
h. Total cost of other chemicals (PHP)	36,525.00	104,010.00
Total Production Cost	P 53,624.51	P 673,144.86

6.4 ACCOUNTED FOR WATER (m³)

a. Total Billed Metered Consumption (m ³)	60,388.0	733,078.0
Residential	52,617.0	654,064.0
Government	613.0	8,182.0
Commercial/Industrial (Total)	7,158.0	70,832.0
Full Commercial	1,401.0	13,211.0
Commercial A	1,235.0	17,038.0
Commercial B	1,715.0	17,381.0
Commercial C	2,807.0	23,202.0

Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	60,388.0	733,078.0
d. Metered unbilled	566.0	9,283.0
e. Unmetered unbilled	1,722.0	30,130.0
f. Total Accounted	62,676.0	772,491.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	16.1	
Residential (m ³ /conn/mo.)	14.9	
Government (m ³ /conn/mo)	306.5	
Commercial/Industrial (m ³ /conn/mo)	31.8	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	83.0	
c. Accounted for water (%)	81.6%	83.9%
d. Revenue Producing Water (%)	78.6%	79.6%
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 (m³)</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	129
f. Average monthly salary/employee	31,734.68

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

1. Held		24
2. Regular		22
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	3,480,000.00	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	62,448.00	April CY 2041
4					
5					
Total			322,834.00	3,874,008.00	
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	20%	$\leq 20\%$
b. Collection Efficiency (%) - YTD	97.6%	$\geq 90\%$
c. S.Conn. Market Growth - YTD	166	$\leq 10\%$
d. Capex (Php) - YTD	52,795,347.86	925,639.74
e. LWUA-WD JSA Reserves (%) - YTD	6.49%	$\geq 3\%$ 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	1.29	≥ 1.5
h. Average Monthly Net Income (Php)	574,413.07	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