

**REPUBLIC OF THE PHILIPPINES**  
**Lianga Water District**

Annex-A Market Mall, Lianga, Surigao del Sur

# **ANNUAL REPORT**

**For Calendar Year 2020**  
**January 1 to December 31**

# LIANGA WATER DISTRICT

## Board of Directors

January 1 to December 31, 2020



EDITHA C. MOSQUERA, MD (+)

CHAIRPERSON

*Women Sector*

January 1, 2019-December 9, 2020



BELLA C. BALA-AN

VICE-CHAIRPERSON

*Business Sector*

January 1, 2017-December 31, 2022



ZENAIDA G. GUILLEN

SECRETARY

*Civic Sector*

January 1, 2015-December 31, 2020



FLORITA C. SANTUYA

TREASURER

*Professional Sector*

January 1, 2019-December 31, 2024



SR. YOLANDA F. MAGANA, MSM

MEMBER

*Educational Sector*

January 1, 2017-December 31, 2022

20 JANUARY 2021

BOARD OF DIRECTORS  
Liangá Water District  
Annex-A Market Mall, Liangá  
8307 Surigáo del Sur

HONORABLE:

I have the honor to submit herewith the Annual Report on the operations of Liangá Water District for the Calendar Year 2020 (January 1 to December 31).

Thank you!

Very respectfully yours,

A handwritten signature in black ink, appearing to read 'W. Sanchez', with a long horizontal stroke extending to the left.

WILFREDO G. SANCHEZ  
General Manager D

# Table of Contents

Page

## FOREWORD

I.	VISION, MISSION, GOALS AND CORE VALUES	1
II.	GENERAL	2-7
	A. ADMINISTRATIVE	2
	B. FINANCIAL/ COMMERCIAL	3
	C. TECHNICAL	6
	D. OPERATIONAL	6
III.	PROFILE	8-9
	1. THE WATER DISTRICT AND ITS PHYSICAL SYSTEM FACILITIES	8
	1. ORGANIZATION	
	2. EXISTING SYSTEM FACILITIES	
	2. CURRENT OPERATIONAL/ FINANCIAL HIGHLIGHTS	9
	1. EXISTING WATER RATES	
	2. OPERATING INCOME/ EXPENSES	
	3. FINANCIAL HIGHLIGHTS	
	3. COMMUNITY ECONOMIC PROFILE	9
	1. TOTAL POPULATION	
	2. AVERAGE MONTHLY INCOME	
	3. MAJOR SOURCE OF INCOME	
	4. AVERAGE MONTHLY EXPENDITURES	
	5. MUNICIPALITY/ CITY REVENUE	
	6. AVERAGE RATE OF MORTALITY (WATER BORNE DISEASE)	
	7. AVERAGE RATE OF MORBIDITY (WATER BORNE DISEASE)	
	8. MAJOR AGRICULTURAL, INDUSTRIAL AND COMMERCIAL ACTIVITIES	
	4. OTHER INFORMATION	9
IV.	ANNEXES	
	A. FUNCTIONAL CHART	
	B. ORGANIZATIONAL CHART	
	C. LIST OF PLANTILLA OF PERSONNEL	
	D. SUMMARY OF POLICY SETTING RESOLUTION	
	E. FINANCIAL STATEMENTS	
	1. BALANCE SHEET	
	2. STATEMENT OF INCOME	
	3. CASH FLOW STATEMENT	
	4. DETAILED STATEMENT OF FINANCIAL POSITION ALL FUNDS (2019-2020)	
	5. DETAILED STATEMENT OF FINANCIAL PERFORMANCE ALL FUNDS (2019-20)	
	6. CASH FLOW STATEMENT ALL FUNDS (2019-2020)	
	7. STATEMENT OF CHANGES IN EQUITY ALL FUNDS (2019-2020)	
	8. NOTES TO FINANCIAL STATEMENTS	
	F. SUMMARY OF LWUA LOAN PAYMENTS	
	G. SUMMARY OF WATER PRODUCTION AND CONSUMPTION	
	H. SERVICE CONNECTION GROWTH	
	I. LIST OF MAJOR EQUIPMENTS	
	J. SUMMARY OF BACTERIOLOGICAL ANALYSIS	
	J.I. PHYSICAL & CHEMICAL ANALYSIS (December 2020)	
	K. MONTHLY DATA SHEET (December 2020)	
	L. LIST OF REPORTS PREPARED REGULARLY	
	M. WD WATER SOURCES	

*Lianga Water District*

*LIANGA WATER DISTRICT envisions itself to be of utmost reliable, adequate, safe, and potable water service provider, environmental-oriented and financially viable utility.*

*Lianga Water District*

*LIANGA WATER DISTRICT is committed to provide efficient water service with dependable workforce abreast-resiliency, sustainable water supply and a good steward of our natural resources.*

*Lianga Water District*

- ✓ *To safeguard and maintain existing water resource, facilities and structures;*
- ✓ *To achieve maximum operational efficiency and attain effectiveness in all key result areas for Lianga Water District viability;*
- ✓ *To take active part in environmental protection program particularly in watershed; and*
- ✓ *To reduce unaccounted for water to an acceptable 20% level.*

*Lianga Water District*

- L – LOYALTY*
- I – INTEGRITY*
- W – WISDOM*
- A – ACCOUNTABILITY*
- D – DYNAMIC*

# ANNUAL REPORT

For the Period January 1, 2020 to December 31, 2020

## I. GENERAL

### A. ADMINISTRATIVE

- |  |                |
|--|----------------|
| 1. Attached approved organizational charts in effect as of report year's end.  |                |
| a. Functional Chart  | Annex A        |
| b. Position/ Organizational Chart (key employees only) - showing permanent positions and incumbents  | Annex B        |
| 2. Attached list of employed personnel with pertinent information.<br>(List of Plantilla of Personnel for the Fiscal Year 2019)  | Annex C        |
| The following summarizes the District's staffing:  |                |
| a. Total number of employees   | 26             |
| b. Number of permanent employees   | 18             |
| c. Number of casual/ temporary employee/ laborers  | 8              |
| d. Number of employees meeting minimum qualification as per Job Description adopted by the district  | 18             |
| e. Number of employees not classified as casuals/ temporary who do not meet the minimum qualification established by the district  | NONE           |
| 3. Has the district adopted a policy prohibiting hiring of personnel related up to the fourth degree by affinity or consanguinity?( Yes or No)<br>If not, how many of the employees are related to the other employees or officials within the fourth degree by affinity or consanguinity? | Yes. CSC Rules |
|  | NONE           |
| 4. Has the district adopted rules and regulations  |                |
| a. Personnel Matters   | YES            |
| b. Utility Customer Relations  | YES            |
| c. General Utility Operations  | YES            |
| During the year, in how many instances (or how many times) have exemption to these rules and regulations been in special cases?  |                |
|  | NONE           |
| 5. Attach list of policy-setting resolutions adopted, repealed or amended by the District Board including those adopting LWUA Guidelines.  | Annex D        |
| 6. Has the district written and properly updated, reliable records of the following? (A field check may be undertaken, if necessary/ Yes or No)  |                |
| a. Customer's Complaints   | YES            |
| b. Billing and Collection  | YES            |
| c. Delinquencies in Payment of Water Bills   | YES            |
| d. Meter Histories   | YES            |
| e. Service Connections   | YES            |
| f. Equipment Histories   | YES            |
| g. Equipment Downtime  | YES            |
| h. Bacteriological Tests   | YES            |
| i. Systems Pressure  | YES            |
| j. Leak Reports  | YES            |

k. Un-accounted for Water	YES
l. Pump Efficiencies	YES
m. Water Production	YES
n. Water Consumption	YES
o. Valve and Pipeline Location	YES
p. General Accounting	YES
q. Stock Inventory	YES
r. Stores Usage	YES
s. Employees Record	YES
t. Minutes of Board Meeting	YES
7. For this year, Auditing has been done by the Commission on Audit	YES
8. Attached list of reports prepared regularly by the district on a monthly basis as required in the Commercial Practice Manual (Omit this item if the district has not yet installed the commercial practices system in which case, indicate that the said system has not yet been installed yet. (List of Reports Prepared Regularly)	Annex L

**B. FINANCIAL/ COMMERCIAL**

1. Attached the district's financial statements for the report year including a comparison of the immediate past year.	Annex E
2. For the year under report, the district's total <i>budgetary outlay</i> was broken down into: (Source: Approved Budget)	33,864,710.02
a. Operating outlay	24,832,067.90
b. Capital outlay	5,158,634.12
c. Special budgets, if any (additional budgets)-Contingency	-
d. Debt Service	3,874,008.00
e. Reserve	-
3. For this same one-year period, the district's gross revenue was broken down into (Source: Financial Report)	24,397,210.45
a. Collection from water sales	23,355,456.48
b. Other water revenues	675,306.61
c. Other non-operating income	366,447.36
d. Proceeds from LWUA loan to finance new service connections	-
4. For this same one-year period, the district's expenditure was broken down into: (Source: Financial Report)	24,292,741.87
a. Operational(operation & maintenance expenses including Depreciation)	19,362,697.87
b. Capital Outlay	1,056,036.00
c. Annual debt servicing (Annex G- Summary of Loan Payments to LWUA)	3,874,008.00
5. For this same one-year period, the total salaries, wages, and other emoluments paid for the district's employees were broken down into:	6,403,274.66
a. For permanent employees	4,774,934.45
b. For casual/ temporary employees	1,628,340.21
6. Expenses for power, fuel, for pumping during the year (Acct. 726 if Commercial practices accounting are in effect)	16,948.33

7. Total amount <i>billed</i> during the year is broken down into:	23,492,370.74
a. Current Billings (Current and Old Accounts)	23,492,370.74
b. Old accounts	
8. Total amount <i>collected (water sales only)</i> during the year is broken down into:	23,993,808.08
a. Current Billings	13,241,642.86
b. Arrears	10,752,165.22
9. Total amount uncollected (delinquent) at year's end Excluding Bad Debts	-
10. Total reserves at year's end	1,091,437.09
11. Complaints filed, processes and settled during the year	NONE
a. Total number filed, processed and settled during the year	NONE
b. Number dismissed for lack of merit/ withdrawn	NONE
c. Number investigated	NONE
d. Numbered settled to the satisfaction of complaints	NONE
e. Number elevated to the District Board of Directors	NONE
f. Numbered settled by the Board	NONE
g. Number elevated to higher authorities	NONE
12. At year's end the following water rate charges were in forced: (Annex H- Approved Water Rates Schedule)	Illustration I
Had these rates been submitted to LWUA for review (Yes or No)	YES



Illustration 1

EFFECTIVE JANUARY 2007

Classification	Size	Minimum Charge	Commodity Charges			
			11 - 20	21 - 30	31 - 40	41 - Up
Residential/Government	½"	265.00	30.65	35.25	41.50	48.75
	¾"	424.00	30.65	35.25	41.50	48.75
	1"	848.00	30.65	35.25	41.50	48.75
	1 ½"	2,120.00	30.65	35.25	41.50	48.75
	2"	5,300.00	30.65	35.25	41.50	48.75
	3"	9,540.00	30.65	35.25	41.50	48.75
	4"	19,080.00	30.65	35.25	41.50	48.75
Commercial/Industrial	½"	530.00	61.30	70.50	83.00	97.50
	¾"	848.00	61.30	70.50	83.00	97.50
	1"	1,696.00	61.30	70.50	83.00	97.50
	1 ½"	4,240.00	61.30	70.50	83.00	97.50
	2"	10,600.00	61.30	70.50	83.00	97.50
	3"	19,080.00	61.30	70.50	83.00	97.50
	4"	38,160.00	61.30	70.50	83.00	97.50
Commercial - A	½"	463.75	53.60	61.65	72.60	85.30
	¾"	742.00	53.60	61.65	72.60	85.30
	1"	1,484.00	53.60	61.65	72.60	85.30
	1 ½"	3,710.00	53.60	61.65	72.60	85.30
	2"	9,275.00	53.60	61.65	72.60	85.30
	3"	16,695.00	53.60	61.65	72.60	85.30
	4"	33,390.00	53.60	61.65	72.60	85.30
Commercial - B	½"	397.50	45.95	52.85	62.25	73.10
	¾"	636.00	45.95	52.85	62.25	73.10
	1"	1,272.00	45.95	52.85	62.25	73.10
	1 ½"	3,180.00	45.95	52.85	62.25	73.10
	2"	7,950.00	45.95	52.85	62.25	73.10
	3"	14,310.00	45.95	52.85	62.25	73.10
	4"	28,620.00	45.95	52.85	62.25	73.10
Commercial - C	½"	331.25	38.30	44.05	51.85	60.90
	¾"	530.00	38.30	44.05	51.85	60.90
	1"	1,060.00	38.30	44.05	51.85	60.90
	1 ½"	2,650.00	38.30	44.05	51.85	60.90
	2"	6,625.00	38.30	44.05	51.85	60.90
	3"	11,925.00	38.30	44.05	51.85	60.90
	4"	23,850.00	38.30	44.05	51.85	60.90
Bulk/Wholesale	½"	795.00	91.95	105.75	124.50	146.25
	¾"	1,272.00	91.95	105.75	124.50	146.25
	1"	2,544.00	91.95	105.75	124.50	146.25
	1 ½"	6,360.00	91.95	105.75	124.50	146.25
	2"	15,900.00	91.95	105.75	124.50	146.25
	3"	28,620.00	91.95	105.75	124.50	146.25
	4"	57,240.00	91.95	105.75	124.50	146.25

**C. TECHNICAL**

1. Has the district adopted, by board resolution, a set of design and construction standard? (Yes or No)	YES
If so, who prepared it?	GM
Is it being adhered so strictly?	YES
2. Does the district undertake bacteriological tests of its water? (Yes or No)	YES
How often are these tests made per year?	66
Is LWUA being furnished copies of these tests reports? (Yes or No)	YES
For the report year, how many such reports were submitted to LWUA?	66
3. State method of water treatments employed by the District, if any	HYPOCHLORINATION
4. Does the district undertake regular pump efficiency tests? (Yes or No)	YES
How many of these pump does the district has in its system?	1
How many of these pumps are operational?	BOOSTER PUMP

**D. OPERATIONAL**

1. Total water production during the year in cubic meters	849,712
Summary of Water Production and Consumption	Annex G
Total billed in cubic meters	671,053
Average per capita consumption in liters/ day	82.3 lped
2. Attached list of Water Sources (LIWAD Water Sources)	Annex M
3. Is the district provided with measuring devices to measure water production? (Yes or No)	YES
If so, what type?	PRODUCTION METER
If not, how do you measure production?	N/A
4. As of year's end, the district has the following existing service connection and related information. (Service Connection Growth)	Annex H
a. Total number of existing connection (Active & Inactive Conn.)	4,772
b. Number of Active Connections	3,665
c. Numbered of Metered Connections	3,665
(1) With functioning meters	3,665
(2) With non-functioning meters	-
d. Number of flat-rate connections	NONE
e. Number of connections regularly billed	3,665
f. Number of delinquent concessionaires	1,294
g. Average number of customers per connections (HH)	6
5. Estimated population of district areas	31,498
a. Estimated population served by utility, whether fully or partially	21,990

6. Because of inadequate facilities, the district had to provide partial service in accordance with the following average length of time during each 24-hours day:

- a. Less than 6 hours service
- b. 7-12 hours service
- c. 13-18 hours service
- d. 19-24 hours service

NONE
NONE
NONE
3,665 -- 24/7

*Note: You may vary the number of hours as may be necessary to suit actual conditions.*

7. Attached list of all major equipment and machinery (with initial cost of at least P10,000.00 including pertinent information). (List of Major Equipments)

Annex I

8. Does the district keep written records of request for service? (Yes or No)

- a. Does the record show the date when such request were made and the nature of the service requested? (Yes or No)
- b. On the average, how long does it take the district to respond and attend to such request? (Days)
- c. How many such requests were received during the year?
- d. How many of these were attended to during the year?

YES
1 DAY
1,232
1,232

Submitted by:



**WILFREDO G. SANCHEZ**  
General Manager D

# ANNUAL REPORT

For the Period January 1, 2020 to December 31, 2020

## II. PROFILE

### I. THE WATER DISTRICT & PHYSICAL SYSTEM'S FACILITIES

#### A. Organization

1. Date Formed	March 30, 1979	Age (months) as of 12/31/2020	41 Years
2. Date CCC was issued	December 4, 1979		
	18 Permanent, 8 Casual Employees & 12 Job Order Workers	CCC No.	104

Comments: (adequacy, qualification, performance & others)

#### B. Existing System's Facilities

##### 1. Service

1.1. Service Area	25,300 Hectares
1.2. Population of Service Area	31,498
1.3. No. of Households	6,300
1.4. No. of Persons/ Household	6
1.5. Service Time (hrs./ day)	24 Hours/ day

##### 2. Structure and Equipment

2.1. Administration Building	
Office Area	121.14 sq.m.
Office equipment (See list of Major Equipments)	Annex I
2.2. If rented, how much per month?	P6,000.00
2.3. Type of Water Source	Fill & Draw & Floating Type
Rated Capacity per day (cu.m./ day)	N/A
2.4. Reservoir (description, built, dimension and capacity)	

1 unit	200	cu.m	Concrete Ground Reservoir at <u>Diatagon</u>
1 unit	150	cu.m	Concrete Ground Reservoir at <u>Baribian</u>

##### 2.5. Water Sources (Annex K-LIWAD Water Sources)

##### 2.6. Service Connections

Type	Flat	Metered	Total
Residential Government		3,486	3,486
Commercial		179	179
Bulk			
Total		3,665	3,665

##### 2.7. Production

Average Monthly Production	
a. Booster/ Pumping (cu.m.)	NONE
b. Bulk Water (cu.m.)	NONE
Production Efficiency % (average/ month) (Total Water Utilized/ Total Production)	79.2 %

NRW % (Years-To-Date) 20.8 %

2. CURRENT OPERATION/ FINANCIAL HIGHLIGHTS

A. Existing Water Rates (Water Rates Schedule)	Illustration 1
B. Operating income/ Expenses	
Average Water Sales (average/ month)	1,997,227.77
Average Collection (average/ month)	1,999,484.01
Average Expenses – O & M for the year (average/ month)	1,613,558.16
C. Financial Highlights (rate & status)	

$$\text{Current Ratio} = \frac{\text{Current Assets}}{\text{Current Liabilities}} \quad \text{1.08:1}$$

Long Term Debt/ Equity Ratio	
Monthly Billing (average/ month)	1,957,697.56
Collection Efficiency - % of On-Time Payment (YTD)	97.7 %

3. COMMUNITY ECONOMIC PROFILE

A. Total Population (covered by the Water District)	31,498
B. Average Monthly Family Income in the Area	P6,150.00
C. Major Source of Income	Fishing & Farming
D. Average Monthly Family Expenditure in the Area	P4,500.00
E. City/ Municipal Revenue (CY 2020)	
F. Average Ratio Rate Mortality per 100,000 population due to Waterborne Diseases (e.g. diarrhea)	0 %
G. Average Ratio Rate Morbidity per 100,000 population due to Waterborne Diseases (e.g. diarrhea)	0 %
H. Major Agricultural, Industrial and Commercial Activities: Palay/ Corn/ Squash Production; Carabao/ Cattle/ Swine/ Goat/ Chicken Production; Concrete Aggregates	

4. OTHER INFORMATION

1. The District has implemented the Meter Clustering to help alleviate water pilferage.
2. The District has regularly monitors the water sample in various strategic points of its water supply system (Monthly Summary of Bacteriological Analysis 2020)
3. The district has maintained its established safety programs and standard operating procedure.
4. The District has continued implementing the 5% discount for water bill of Senior Citizens.
5. The District has approved the Gender and Development Plans and Budget for CY 2020 in compliance with RA 9710.
6. The District has adopted and implemented the approved Strategic Performance Management System (SPMS).
7. The District has religiously paid the monthly amortization of its various loans to LWUA.

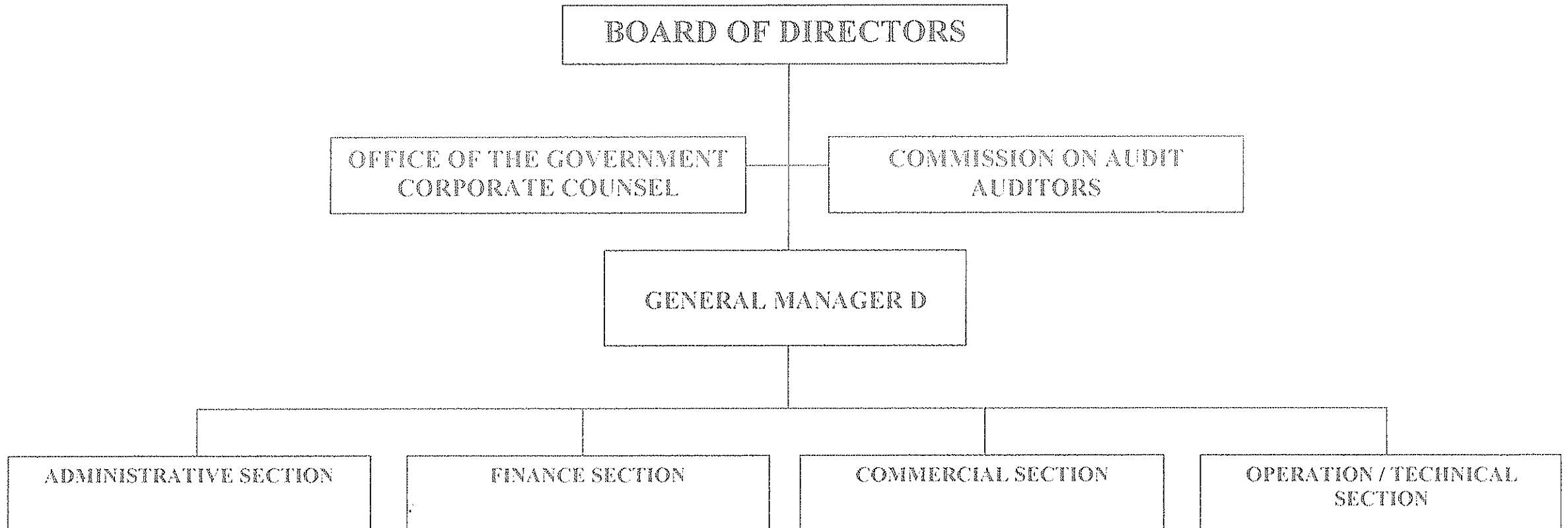
Prepared by:

Approved by:

  
**GEMMA K. DOROJA**  
 Administrative Services Officer B

  
**WILFREDO G. SANCHEZ**  
 General Manager D

FUNCTIONAL CHART OF LIANGA WATER DISTRICT



# ORGANIZATIONAL STRUCTURE OF LIANGA WATER DISTRICT

# Annex B

EDITHA C. MOSQUERA, MD Chairperson	BELLA C. BALA-AN Vice Chairperson	ZENAIDA G. GUILLEN Secretary	FLORITA C. SANTUYA Treasurer	SR. YOLANDA F. MAGANA Member
---------------------------------------	--------------------------------------	---------------------------------	---------------------------------	---------------------------------

WILFREDO G. SANCHEZ  
GENERAL MANAGER D  
(SG - 24)

**ADMINISTRATIVE SECTION**

GEMMA P. DOROJA  
ADMINISTRATIVE/ GENERAL SERVICES OFFICER B  
(Section Head) (SG - 14)

ANTHONY O. TEVES  
ADMINISTRATION SERVICES ASSISTANT A  
(SG - 12)

VACANT  
ADMINISTRATION SERVICES ASSISTANT C  
(SG - 8)

LESLIE N. ALFEREZ  
DRIVER-MECHANIC B  
(SG - 7)

ROSALIE O. BALLARES  
ADMINISTRATION SERVICES AIDE (SG - 4)

ANASTACIO P. BALASON  
DRIVER (SG - 4)

ROMEO L. LABSAN  
UTILITY WORKER A  
(SG - 3)

**FINANCE SECTION**

FLORICITA G. TEJERO  
CASHIER B (Section Head)  
(SG - 14)

JULIUS CHRISTIAN G. CALANGIAN  
SENIOR ACCOUNTING PROCESSOR A  
(SG - 12)

VACANT  
ACCOUNTING PROCESSOR A  
(SG - 8)

VACANT  
CASHIERING ASSISTANT  
(SG - 8)

ARIEL B. ARTAZO  
DATA ENCODER (SG - 7)

TITA L. MONGADO  
COLLECTION ASSISTANT (SG - 8)

VACANT  
CLERK-PROCESSOR C  
(SG - 4)

**COMMERCIAL SECTION**

JEMA A. ESPLANA  
UTILITIES/ CUSTOMER SERVICE OFFICER B  
(Section Head)  
(SG - 14)

RAGZ G. SANCHEZ  
INDUSTRIAL RELATION MANAGEMENT  
OFFICER C (SG - 11)

VACANT  
UTILITIES/ CUSTOMER SERVICE ASSISTANT D  
(SG - 6)

VACANT  
UTILITIES/ CUSTOMER SERVICE ASSISTANT E  
(SG - 4)

**OPERATION / TECHNICAL SECTION**

ROMEO S. RANARA  
WATER UTILITIES DEVELOPMENT OFFICER B  
(Section Head) (SG - 14)

VACANT  
ENGINEER B (SG - 12)

VACANT  
WATER RESOURCES FACILITIES TENDER A  
(SG - 5)

MANUEL B. SABATIN, JR.  
WATER RESOURCES FACILITIES TENDER B  
(SG - 4)

GEROM G. SARCEDA  
WATER RESOURCES FACILITIES TENDER B/  
INVESTIGATOR DESIGNATE (SG - 4)

ROGELIO C. PEÑARANDA  
WATER RESOURCES FACILITIES OPERATOR C  
(SG - 4)

MARICRIS S. ARTAZO  
ENGINEERING AIDE B (SG - 4)

# Annex C

## PLANTILLA OF PERSONNEL

As of January 1, 2020

Revised Local Water District Manual on Categorization,  
Recategorization (LWD-MACRO) pursuant to circular  
letter No. 2011-10 dated November 18, 2011

WATER DISTRICT LIANGA WATER DISTRICT  
ADDRESS Lianga, Surigao del Sur

Item No.		DBM Approved Position Title	BASIC SALARY PER MONTH As of January 1, 2020 Pursuant to NBC No. 575 Inclusive of Transition allowance if any				NAME OF INCUMBENT	Status of Appointment	CSC Eligibility	Educational Attainment	Date/Effectivity Original Appt.	Date/Effectivity Promotion	REMARKS
FY	FY		Salary		Authorized Salary NBC 575	Actual Salary							
2017	2018		GRD	STEP									
(1)	(2)		(4)	(5)	(6)	(7)							
1	1	General Manager D	24	8	83,406.00	93,415.00	Wilfredo G. Sanchez	P	CS-Prof.	BSC	05-03-82	June 3, 2013	
2	2	Administrative/General Services Officer B	14	3	27,755.00	28,447.00	Gemma P. Doroja	P	CS-Prof.	BSC	08-01-87	July 3, 2013	
3	3	Accounting Processor A	8	2	16,758.00	16,910.00	Julius Christian G. Calangian	P	CS-Prof.	BSBA	06-11-2014		
4	4	Cashier B	14	3	27,755.00	28,447.00	Floricitia G. Tejero	P		A.B.	08-01-86	June 3, 2013	
5	5	Utility Worker A	3	3	12,466.00	12,658.00	Romeo L. Labsan	P		2nd yr. col.	06-16-94	June 3, 2013	
6	6	Utilities/Customer Service Officer B	14	1	27,755.00	27,755.00	Jema A. Esplana	P	CS-Prof	BSC	07-01-04	February 8, 2019	
7	7	Administration Services Assistant C	8	1	16,758.00	16,758.00	Anthony O. Teves	P	PD 907	BSBA	04-03-2017		
8	8	Water Resources Facilities Operator C	4	3	13,214.00	13,418.00	Rogelio C. Peñaranda	P		5 mos. Voc	08-18-03		
9	9	Collection Assistant	6	5	14,847.00	15,309.00	Fita L. Mongado	P		BSC	08-01-88	June 3, 2013	Retitling
10	10	Utilities/Customer Service Assistant D	6	1	14,847.00	-	Vacant						Vacant
11	11	Data Encoder	7	2	15,738.00	15,859.00	Ariel B. Artazo	P	Data Encoder (MC II, s. 96-Cat. I)	BSBA	06-11-2014		
12	12	Water Utilities Development Officer B	14	3	27,755.00	28,447.00	Romeo S. Ranara	P	CS-Prof.	B.S.M.E.	08-18-97	July 3, 2013	
13	13	Water Resources Facilities Tender A	5	1	14,007.00	-	Vacant						Vacant
14	14	Administrative Service Aide	4	1	13,214.00	13,214.00	Rosalie O. Ballarcs	P		BSC	02-08-2019		
15	15	Water Resources Facilities Tender B	4	3	13,214.00	13,418.00	Manuel B. Sabatin, Jr.	P		3rd yr. H.S.	12-01-87	June 3, 2013	
16	16	Water Resources Facilities Tender B	4	3	13,214.00	13,418.00	Gerom G. Sarceda	P	Plumber (MC II Cat. I)	BSF	12-20-10	June 3, 2013	
17	17	Driver	4	2	13,214.00	13,316.00	Anastacio P. Balason	P	Driver License (MC II, s. 96-Cat. II)	College Level	11-13-2014		

Prepared/Certified by:

GEMMA P. DOROJA  
Administrative/General Services Officer B

DEPARTMENT OF BUDGET AND MANAGEMENT ROXIII  
BUTUAN CITY

I HEREBY CERTIFY THAT THE CLASSIFICATION AND SALARY GRADE OF  
THE POSITIONS INDICATED IN COLUMN 3 AND 4 OF THIS PAGE HAVE BEEN VERIFIED  
AND FOUND TO BE IN ACCORDANCE WITH OUR RECORDS. THOSE THAT ARE NOT IN  
ACCORDANCE WITH THE RECORDS HAVE BEEN CORRECTED AND INITIALED.

FOR THE REGIONAL DIRECTOR

PAUL A. ABARCA  
OIC - CHIEF BUDGET & MANAGEMENT SPECIALIST

APPROVED BY:

WILFREDO G. SANCHEZ  
General Manager D



SUMMARY OF POLICY – SETTING RESOLUTIONS  
ADOPTED, REPEALED & AMENDED BY THE BOARD OF DIRECTORS  
FROM JANUARY 21, 2020 TO DECEMBER 11, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED
01 S 2020	RESOLUTION ADOPTING TO GRANT ONE-TIME GRATUITY PAY TO LIANGA WATER DISTRICT JOB ORDER AND CONTRACT OF SERVICE WORKERS NOT EXCEEDING THREE THOUSAND PESOS ONLY (P3,000.00).	January 21, 2020
02 S 2020	RESOLUTION ALLOCATING FIFTEEN THOUSAND PESOS (P15,000.00) AS FINANCIAL ASSISTANCE TO WATER DISTRICTS IN BATANGAS, TO WIT: LEMERY, TAAL, AGONCILLO, ALITAGTAG AND TANAUAN WHICH WERE AFFECTED BY TAAL VOLCANO ERUPTION LAST JANUARY 12, 2020.	January 21, 2020
03 S 2020	RESOLUTION REQUESTING TAGBINA WATER DISTRICT FOR ALLOWING LIANGA WATER DISTRICT TO PURCHASE 55 PIECES OF uPVC # 2" S-10, C-100 PIPES AMOUNTING TO THIRTY NINE THOUSAND NINE HUNDRED SEVENTY FOUR PESOS ONLY(P39,974.00).	January 21, 2020
04 S 2020	<p>TO OFFICIALLY INFORM MR. ROMEO S. RANARA, WATER UTILITIES DEVELOPMENT OFFICER B FOR THE PROPER SCHEDULING IN THE IMPLEMENTATION/ CONSTRUCTION OF HAND WASHING FACILITIES TO DIFFERENT SCHOOLS WITHIN THE MUNICIPALITY OF LIANGA, AS TO WIT:</p> <ol style="list-style-type: none"> <li>1.) OUR LADY OF POMPEI SCHOOL, INCORPORATED;</li> <li>2.) LA UNION ELEMENTARY SCHOOL;</li> <li>3.) ANIBONGAN ELEMENTARY SCHOOL;</li> <li>4.) BAUCAWE ELEMENTARY SCHOOL;</li> <li>5.) PAYASAN ELEMENTARY SCHOOL;</li> <li>6.) SAINT CHRISTINE ELEMENTARY SCHOOL; AND</li> <li>7.) DIATAGON ELEMENTARY SCHOOL</li> </ol>	January 28, 2020
05 S 2020	RESOLUTION ADOPTING THE NATIONAL BUDGET CIRCULAR NO. 579 DATED 24 JANUARY 2020 FOR THE IMPLEMENTATION OF THE FIRST TRANCHE OF THE MODIFIED SALARY SCHEDULE FOR CIVILIAN PERSONNEL IN NATIONAL GOVERNMENT PURSUANT TO REPUBLIC ACT (RA) NO. 11466.	February 13, 2020
06 S 2020	RESOLUTION TO WAIVE THE AVAILMENT OF TEN MILLION PESOS (P10,000,000.00) UNDER LWUA FINANCIAL ASSISTANCE LOAN INCLUDED IN GENERAL APPROPRIATIONS ACT (GAA) 2017.	February 13, 2020
07 S 2020	RESOLUTION REITERATING THE HUMBLE REQUEST OF LIANGA WATER DISTRICT (LIWAD) TO LOCAL WATER UTILITIES ADMINISTRATION (LWUA) FOR THE RE-CATEGORIZATION FROM CATEGORY D TO CATEGORY C.	February 13, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED
08 S 2020	RESOLUTION FOR THE ADOPTION OF LIANGA WATER DISTRICT FINANCIAL STATEMENT FOR THE YEAR ENDED DECEMBER 31, 2019 AS PRESENTED.	February 27, 2020
09 S 2020	RESOLUTION FOR TEMPORARY SUSPENSION OF 10 PERCENT PENALTY CHARGE WHILE THE PHILIPPINES IS UNDER THE STATE OF CALAMITY DUE TO CORONA VIRUS DISEASE 2019 AS PER PRESIDENTIAL PROCLAMATION NO. 929.	March 25, 2020
10 S 2020	RESOLUTION TO TEMPORARILY DEFER THE IMPLEMENTATION OF DISCONNECTION POLICY TO ALL LIWAD CONCESSIONAIRES.	March 25, 2020
11 S 2020	RESOLUTION TO HUMBLLY AND EARNESTLY REQUEST HON. JECI A. LAPUS, ACTING ADMINISTRATOR OF LOCAL WATER UTILITIES ADMINISTRATION TO GRANT MORATORIUM FOR THE LOAN REPAYMENT ON THE MONTHLY AMORTIZATION OF LIANGA WATER DISTRICT EFFECTIVE IMMEDIATELY FOR THE PERIOD OF SIX MONTHS IN CONSONANCE TO THE PERIOD OF PRESIDENT PROCLAMATION NO. 929 DATED 16 MARCH 2020 "DECLARING A STATE OF CALAMITY THROUGHOUT THE PHILIPPINES DUE TO CORONA VIRUS DISEASE 2019 (COVID-19)".	March 25, 2020
12 S 2020	RESOLUTION AUTHORIZING THE MANAGEMENT FOR APPROVING THE CONSTRUCTION OF THREE (3) HANDWASHING FACILITIES AT THE MAIN ENTRANCE AND EXIT OF LIWAD ADMINISTRATIVE OFFICE AND TO PROCURE HAND DRIER EQUIPMENT TO PREVENT THE COVID19 CONTAMINATION TO LIWAD FAMILY AND TO ITS CONSUMING PUBLIC AMOUNTING TO TWENTY ONE THOUSAND FIFTY TWO & 4/100 PESOS ONLY (P21,052.04).	March 25, 2020
13 S 2020	RESOLUTION FOR THE IMPLEMENTATION OF SALARY STEP INCREMENT EFFECTIVE ON APRIL 2020 TO ANTHONY O. TEVES – SG-8-STEP 2.	April 6, 2020
14 S 2020	RESOLUTION TO ADOPT THE LIWAD BOARD OF DIRECTORS VIRTUAL MEETINGS, IN LIEU OF THE PHYSICAL AND/OR FACE-TO-FACE INTERACTIONS AMONG ITS MEMBERS, AS PART OF THE BOD INTERNAL HOUSE RULES AND AS PREVENTIVE AND PRECAUTIONARY MEASURE TO AVERT THE SPREAD OF COVID-19.	April 6, 2020
15 S 2020	RESOLUTION TO GRANT THE COVID-19 HAZARD PAY TO ALL EMPLOYEES OF LIWAD WHETHER REGULAR, CASUAL & JOB ORDER WHO PERSONALLY RENDER SERVICES DURING THE ENHANCED COMMUNITY QUARANTINE EFFECTIVE ON APRIL 8-30, 2020 AT THE RATE OF THREE HUNDRED PESOS ONLY (P300.00) PER DAY IN COMPLIANCE TO THE DBM BUDGET CIRCULAR NO. 2020-1 DATED 24 MARCH 2020.	April 21, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED
16 S 2020	RESOLUTION ADOPTING THE LWUA MEMORANDUM CIRCULAR NO. 07.20 DATED 20 APRIL 2020 "CHANGE OF LWUA OFFICIAL SIGNATORIES TO THE LWUA-LIWAD JOINT SAVINGS ACCOUNT (JSA) NO. 0971-0789-52 AT LAND BANK OF THE PHILIPPINES (LBP) – SAN FRANCISCO BRANCH, SAN FRANCISCO, AGUSAN DEL SUR	April 21, 2020
17 S 2020	RESOLUTION AUTHORIZING THE MANAGEMENT FOR EMERGENCY PURCHASE OF 85 PIECES uPVC 100MM X 6M AND 10 PIECES uPVC 150MM X 6M THRU DIRECT CONTRACTING FOR IMMEDIATE REHABILITATION OF DILAPIDATED G.I. PIPE AT DIATAGON TRANSMISSION LINES AND REPLACEMENT OF DAMAGED P.E. PIPE AT CAMANGAHAN PIPELINES.	May 7, 2020
18 S 2020	RESOLUTION REQUESTING THE LOCAL GOVERNMENT UNIT OF LIANGA, SURIGAO DEL SUR THRU HONORABLE MAYOR NOVELITA M. SARMEN, RN ALLOWING LIANGA WATER DISTRICT TO CONSTRUCT THE WAITING AREA IN FRONT-SIDE OF ITS ADMINISTRATIVE BUILDING AS PRECAUTIONARY MEASURES DURING THE COVID-19 PANDEMIC.	May 5, 2020
19 S 2020	RESOLUTION ON TEMPORARY RELAXATION ON THE SETTLEMENT OF CUSTOMER'S WATER BILL ACCOUNT FROM MARCH 2020 TO MAY 2020.	May 5, 2020
20 S 2020	RESOLUTION APPROVING TO REPEAL THE LIWAD BOD RESOLUTION NO. 9, SERIES OF 2020 FOR TEMPORARY SUSPENSION OF 10 PERCENT PENALTY CHARGE AND RESOLUTION NO. 10, SERIES OF 2020 TO TEMPORARILY DEFER THE IMPLEMENTATION OF DISCONNECTION POLICY TO ALL LIWAD CONCESSIONAIRES.	May 5, 2020
21 S 2020	RESOLUTION FOR THE ADOPTION OF LIANGA WATER DISTRICT FINANCIAL STATEMENT FOR THE MONTH OF MARCH 31, 2020 AS PRESENTED.	May 21, 2020
22 S 2020	RESOLUTION TO HUMBLY REQUEST LWUA ALLOWING LIANGA WATER DISTRICT TO WITHDRAW THE AMOUNT OF SIX HUNDRED FORTY FIVE THOUSAND SIX HUNDRED SIXTY EIGHT PESOS ONLY (P645,668.00) FROM LWUA/ LIWAD JOINT SAVINGS ACCOUNT (SA ACCOUNT NO. 0971-0789-52) AT LANDBANK OF THE PHILIPPINES -SAN FRANCISCO BRANCH, SAN FRANCISCO, AGUSAN DEL SUR IN ORDER TO PAY THE 2 MONTHS LOAN AMORTIZATION UNDER MFTA APPROVAL DATED APRIL 27, 2020.	June 4, 2020
23 S 2020	RESOLUTION ALLOCATING THE PROCUREMENT OF FACE MASK FOR THE PROTECTION OF LIWAD OFFICERS AND EMPLOYEES TO COVID-19 IN THE AMOUNT OF FIFTY THOUSAND PESOS ONLY (P50,000.00).	June 4, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED												
24 S 2020	RESOLUTION TO EXTEND FINANCIAL GRANT TO CLAVERIA WATER DISTRICT, CLAVERIA, MISAMIS ORIENTAL IN SUPPORT FOR THEIR URGENT SOURCE DEVELOPMENT AMOUNTING TO TEN THOUSAND PESOS (P10,000.00).	June 4, 2020												
25 S 2020	RESOLUTION FOR THE IMPLEMENTATION OF SALARY STEP INCREMENT EFFECTIVE ON JULY 1, 2020 TO THE FOLLOWING QUALIFIED OFFICIAL/S OR EMPLOYEE/S: 1) JULIUS CHRISTIAN G. CALANGIAN – SG-8-STEP 3; AND 2) ARIEL B. ARTAZO – SG-7-STEP 3	June 17, 2020												
26 S 2020	RESOLUTION APPROVING TO CREATE THE LIANGA WATER DISTRICT DISASTER RISK REDUCTION MANAGEMENT COMMITTEE (LDRRMC) AND FUNDING ALLOCATION TO BE INCORPORATED TO THE ANNUAL BUDGET, TO WIT:  LDRRM Chairman .....WILFREDO G. SANCHEZ LDRRMO-Designate .....ROMEO S. RANARA Research & Planning .....ANTHONY O. TEVES Operation & Warning ..... AMAR B. OTAGAN Training & Admin. ... GEMMA P. DOROJA SERTL-Team Leader .....JEMA A. ESPLANA Liaison .....RAGZ G. SANCHEZ Logistic JULIUS CHRISTIAN G. CALANGIAN SERTL- Member ... JEFF HAROLD G. MONGADO SERTL- Member .....LESLIE N ALFEREZ SERTL- Member...CHRISTINE KARLA B. GUILLEN Driver-Rescue Vehicle BUENALITO A. RAZONABLE	June 17, 2020												
27 S 2020	RESOLUTION THAT LIWAD COMMITS TO INCREASE THE MONTHLY DEPOSIT TO SIX PERCENT (6%) FROM ITS GROSS REVENUE EFFECTIVE A MONTH AFTER UTILIZING 40 PERCENT (40%) OF LWUA/ LIWAD JOINT SAVINGS ACCOUNT (SA ACCOUNT NO. 0971-0789-52) AT LANDBANK OF THE PHILIPPINES-SAN FRANCISCO BRANCH, SAN FRANCISCO, AGUSAN DEL SUR UNTIL THE AMOUNT WITHDRAWN WILL BE FULLY REPLENISHED.	July 10, 2020												
28 S 2020	RESOLUTION APPROVING ONE MILLION ONE HUNDRED THOUSAND PESOS ONLY (P1,100,000.00) TO ALLOCATE LIWAD DISASTER RISK REDUCTION COMMITTEE (LDRRMC) BUDGET FOR CY 2020 FOR THE SPECIFIC PURPOSE AS ENUMERATED:	July 23, 2020												
	<table border="1"> <thead> <tr> <th colspan="2">FROM</th> <th colspan="2">TO</th> </tr> <tr> <th>Particulars</th> <th>Amount</th> <th>Particulars</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>CAPEX- Program of Work (Operation/ Technical</td> <td>P 361,580.00</td> <td>CAPEX-POW Proclamation of the delineated watershed areas</td> <td>P 205,530.00</td> </tr> </tbody> </table>	FROM		TO		Particulars	Amount	Particulars	Amount	CAPEX- Program of Work (Operation/ Technical	P 361,580.00	CAPEX-POW Proclamation of the delineated watershed areas	P 205,530.00	
FROM		TO												
Particulars	Amount	Particulars	Amount											
CAPEX- Program of Work (Operation/ Technical	P 361,580.00	CAPEX-POW Proclamation of the delineated watershed areas	P 205,530.00											

Section)					
				Reforestation of environmentally critical areas	P 156,050.00
One (1) unit Desktop Computer (Finance Section)	P	29,000.00		Procurement and Upgrading of Communication Equipment	P 29,000.00
MOOE	P	316,520.00		MOOE	P 316,520.00
Other Maintenance and Operating Expenses				Procurement of Personal Protective Equipment	
Drugs and Medicine Expenses	P	22,000.00		Procurement of Medical Supplies and Equipment	P 22,000.00
Training Expenses	P	40,900.00		Intensification of advocacy and IEC (CEPA) and DRR/CCA	P 7,400.00
				Capacity Development on various DRR/CCA activities	P 33,500.00
Quick Response Fund		330,000.00		Quick Response Fund	330,000.00
Total Amount	P	1,100,000.00			P 1,100,000.00

29 S 2020 RESOLUTION APPROVING TO REPROGRAM AND INCORPORATE IN LIWAD CY 2020 CORPORATE OPERATING BUDGET THE PROCUREMENT OF ONE (1) UNIT MOTOR VEHICLE (PICK-UP) AMOUNTING TO ONE MILLION TWO HUNDRED THOUSAND PESOS ONLY (P1,200,000.00), AS HEREBY ENUMERATED: August 7, 2020

FROM		TO	
Particulars	Amount	Particulars	Amount
CAPEX-POW Jetting Road Crossing at Pugad, Banahao, Diatagon Boundary and Terminal	P 175,000.00	CAPEX- One (1) unit Motor Vehicle (Pick-up)	P 1,200,000.00
CAPEX-Leak Detector	P 600,000.00		
CAPEX-Brass Water Meters – 150 pcs. @ 1,500.00 each	P 225,000.00		
MOOE- Repairs and Maintenance – Transportation Equipment	P 200,000.00		
Total Amount	P 1,200,000.00	Total Amount	P 1,200,000.00

30 S 2020 RESOLUTION FOR THE ADOPTION OF LIANGA WATER DISTRICT FINANCIAL STATEMENT FOR THE MONTH OF APRIL 30, 2020 AS PRESENTED. August 20, 2020

31 S 2020 RESOLUTION ALLOWING GM WILFREDO G. SANCHEZ FOR TRAVEL WITHIN REGION XIII CARAGA WITHOUT APPROVAL FROM THE LIWAD BOARD OF DIRECTORS. September 28, 2020

32 S 2020 RESOLUTION APPROVING THE TOTAL CLOSURE OF THE MAIN DOOR AND ALL OTHER TRANSACTIONS WILL BE CATERED ON THE NEWLY INSTALLED WINDOW 2 IN FRONT-SIDE OF LIWAD ADMINISTRATIVE BUILDING. September 28, 2020

33 S 2020 RESOLUTION MANDATING THE MANAGEMENT REQUIRING THE TWO (2) SECURITY GUARDS TO REPORT TO DUTY WITH PRESENTATION OF THE NEGATIVE RESULT OF SWAB FOR THE CONFIRMED AND RAPID TEST FOR THE PROBABLE CASE. September 28, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED
34 S 2020	RESOLUTION AUTHORIZING GM WILFREDO G. SANCHEZ TO FILE A CASE AGAINST MODESTO G. PLACIO, JR.	September 28, 2020
35 S 2020	RESOLUTION APPROVING THE LIANGA WATER DISTRICT INDICATIVE ANNUAL PROCUREMENT PLAN (APP) NON-COMMON-USE SUPPLIES AND EQUIPMENT (NON-CSE) ANNUAL BUDGET FOR CY 2021 AMOUNTING TO TWO MILLION SEVEN HUNDRED ONE THOUSAND PESOS ONLY (P2,701,000.00), AS ITEMIZED BELOW:  I – ADMINISTRATIVE SECTION P 105,000.00 II – FINANCE SECTION 70,000.00 III – COMMERCIAL SECTION 670,000.00 IV – OPERATION/ TECHNICAL SECTION 1,856,000.00 TOTAL AMOUNT P 2,701,000.00	September 30, 2020
36 S 2020	RESOLUTION APPROVING TWENTY THREE THOUSAND SIX HUNDRED PESOS ONLY (P23,600.00) AS BUDGET ALLOCATION FOR THE CELEBRATION OF 120 <sup>TH</sup> PHILIPPINE CIVIL SERVICE ANNIVERSARY ON SEPTEMBER 1-30, 2020, AS ITEMIZED BELOW:  I – TARPAULIN 500.00 II – MASS SPONSORSHIP 100.00 III – 45 EMPLOYEES & GUEST (15 PERMANENT, 10 CASUAL, 13 JO & 7 GUEST) AND 5 BODS – MEALS (50 X 300 PAX) 15,000.00 IV – LECHON 8,000.00 TOTAL AMOUNT 23,600.00	September 30, 2020
37 S 2020	RESOLUTION AUTHORIZING THE GENERAL MANAGER, MR. WILFREDO G. SANCHEZ, TO ENTER INTO AND SIGN THE MEMORANDUM OF AGREEMENT (MOA) WITH THE GOVERNMENT SERVICE INSURANCE SYSTEM (GSIS) FOR THE AVAILMENT OF THE GSIS FINANCIAL ASSISTANCE LOAN II (GFAL II), FOR AND IN BEHALF OF THE LIANGA WATER DISTRICT SUBJECT TO EXISTING RULES AND REGULATIONS.	September 30, 2020
38 S 2020	RESOLUTION APPROVING THE CREATION OF CASUAL POSITIONS FOR CY 2021 AS PRESENTED.	September 30, 2020
39 S 2020	RESOLUTION TO HUMBLY REQUEST THE COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE – DEPARTMENT OF THE ENVIRONMENT AND NATURAL RESOURCES (CENRO-DENR)- LIANGA, SURIGAO DEL SUR THROUGH CENRO CLIFF C. ABRAHAN TO PROVIDE 200 SEEDLINGS OF MAHOGANY PLANTS TO LIANGA WATER DISTRICT TO BE PLANTED AT DIATAGON WATERSHED.	October 8, 2020

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED																				
40 S 2020	RESOLUTION REQUESTING THE LOCAL GOVERNMENT UNIT OF LIANGA, SURIGAO DEL SUR THRU HONORABLE MAYOR NOVELITA M. SARMEN, RN ALLOWING LIANGA WATER DISTRICT TO CONSTRUCT EXPANSION OF LIWAD OFFICE IN ORDER TO OBSERVE HEALTH PROTOCOL AGAINST COVID-19.	October 8, 2020																				
41 S 2020	RESOLUTION ADOPTING THE POLICY ON CUSTOMER'S DEPOSIT TO CONTRACTORS, FIELD OFFICE/ BUNKHOUSE, AND ANY OTHER TRANSIENT/ TEMPORARY SERVICE CONNECTIONS OF LIANGA WATER DISTRICT.	October 22, 2020																				
42 S 2020	RESOLUTION APPROVING TO REPROGRAM LIWAD CY 2020 CAPEX-REHABILITATION OF DISTRIBUTION LINE TO EXPANSION OF LIWAD OFFICE AND INSTALLATION OF INTERCOM-PHONE AMOUNTING TO FOUR HUNDRED EIGHTY SEVEN THOUSAND TWO HUNDRED NINETY NINE & 58/100 PESOS ONLY (P 487,299.58), AS HEREBY ENUMERATED:	November 5, 2020																				
	<table border="0"> <thead> <tr> <th colspan="2">FROM</th> <th colspan="2">TO</th> </tr> <tr> <th>Particulars</th> <th>Amount</th> <th>Particulars</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>CAPEX-REHABILITATION OF DISTRIBUTION LINE</td> <td>P 487,299.58</td> <td>Expansion of LIWAD OFFICE</td> <td>P 407,299.58</td> </tr> <tr> <td></td> <td></td> <td>Installation of Intercom-Phone</td> <td>P 80,000.00</td> </tr> <tr> <td>Total Amount</td> <td>P 487,299.58</td> <td></td> <td>P 487,299.58</td> </tr> </tbody> </table>	FROM		TO		Particulars	Amount	Particulars	Amount	CAPEX-REHABILITATION OF DISTRIBUTION LINE	P 487,299.58	Expansion of LIWAD OFFICE	P 407,299.58			Installation of Intercom-Phone	P 80,000.00	Total Amount	P 487,299.58		P 487,299.58	
FROM		TO																				
Particulars	Amount	Particulars	Amount																			
CAPEX-REHABILITATION OF DISTRIBUTION LINE	P 487,299.58	Expansion of LIWAD OFFICE	P 407,299.58																			
		Installation of Intercom-Phone	P 80,000.00																			
Total Amount	P 487,299.58		P 487,299.58																			
43 S 2020	RESOLUTION APPROVING THE PROGRAM OF WORK AMOUNTING TO THREE HUNDRED NINETY SIX THOUSAND THREE HUNDRED NINE PESOS ONLY (P396,309.00) FOR THE EXPANSION OF BACK OF ADMINISTRATION OFFICE, ANNEX-A MARKET MALL, LIANGA, SURIGAO DEL SUR.	November 19, 2020																				
44 S 2020	RESOLUTION TO CHANGE THE RECOGNITION AND CELEBRATION OF LIWAD FOUNDING ANNIVERSARY, from DECEMBER 4, EVERY TO YEAR TO MARCH 30 OF EVERY YEAR.	November 19, 2020																				
45 S 2020	RESOLUTION AUTHORIZING GM WILFREDO G. SANCHEZ TO WITHDRAW THE AMOUNT OF ONE MILLION PESOS ONLY (P1,000,000.00) FROM LIWAD RETIREMENT CURRENT ACCOUNT (CA ACCOUNT NO. 0971-0789-52) AT LANDBANK OF THE PHILIPPINES -SAN FRANCISCO BRANCH, SAN FRANCISCO, AGUSAN DEL SUR IN ORDER TO FINANCE THE PROCUREMENT OF 1 UNIT MOTOR VEHICLE (PICK-UP).	November 19, 2020																				
46 S 2020	RESOLUTION APPROVING THE ADOPTION OF THE PERFORMANCE-BASED INCENTIVE (PBI) SYSTEM IN THE LIANGA WATER DISTRICT BOARD OF DIRECTORS, ALLOCATING FUNDS THEREOF AND AUTHORIZING ITS RELEASE IN ACCORDANCE WITH LWUA MEMORANDUM CIRCULAR NO. 021.19.	November 19, 2020																				

BOARD RESOLUTION NO.	SUMMARY OF CONTENT	DATE ADOPTED										
47 S 2020	RESOLUTION APPROVING THE LIANGA WATER DISTRICT CY-2021 ANNUAL BUDGET APPROPRIATION AMOUNTING TO THIRTY SIX MILLION SEVENTY THOUSAND TWO HUNDRED EIGHTY NINE AND 41/100 PESOS ONLY (P36,070,289.41) AS ITEMIZED BELOW:	December 4, 2020										
	<table> <tr> <td>I - PERSONAL SERVICES</td> <td>17,842,104.43</td> </tr> <tr> <td>II - MAINTENANCE &amp; OTHER OPERATING EXPENSE</td> <td>10,651,977.98</td> </tr> <tr> <td>III - CAPITAL EXPENSES</td> <td>3,702,559.00</td> </tr> <tr> <td>IV- DEBT SERVICE TO ( LWUA)</td> <td>3,873,648.00</td> </tr> <tr> <td>TOTAL AMOUNT</td> <td><u>36,070,289.41</u></td> </tr> </table>	I - PERSONAL SERVICES	17,842,104.43	II - MAINTENANCE & OTHER OPERATING EXPENSE	10,651,977.98	III - CAPITAL EXPENSES	3,702,559.00	IV- DEBT SERVICE TO ( LWUA)	3,873,648.00	TOTAL AMOUNT	<u>36,070,289.41</u>	
I - PERSONAL SERVICES	17,842,104.43											
II - MAINTENANCE & OTHER OPERATING EXPENSE	10,651,977.98											
III - CAPITAL EXPENSES	3,702,559.00											
IV- DEBT SERVICE TO ( LWUA)	3,873,648.00											
TOTAL AMOUNT	<u>36,070,289.41</u>											
48 S 2020	RESOLUTION APPROVING TWENTY FIVE THOUSAND PESOS ONLY (P25,000.00) AS BUDGET ALLOCATION FOR DINNER OF 50 PERSONS @ P500.00/ PAX FOR THE LIWAD CHRISTMAS PARTY ON DECEMBER 18, 2020 TO BE HELD AT OCEAN POINT BEACH RESORT, LAWIS, BANAHAO, LIANGA, SURIGAO DEL SUR.	December 4, 2020										
49 S 2020	RESOLUTION APPROVING NOT TO HOLD LIWAD CHRISTMAS PARTY FOLLOWING THE UNTIMELY DEATH OF INCUMBENT LIWAD BOD CHAIRPERSON EDITHA C. MOSQUERA, M.D.	December 11, 2020										
50 S 2020	RESOLUTION APPROVING TO RE-ALIGN THE AMOUNT OF TWENTY FIVE THOUSAND PESOS ONLY (P25,000.00) FROM EXTRAORDINARY AND MISCELLANEOUS EXPENSES TO HOLD CHRISTMAS PARTY TO ALLOTMENT TO FINANCE THE FOLLOWING: EXPENSES FOR SNACKS DURING THE VIGIL, FOR JOB-ORDER OF POSTHUMOUS AWARD AND WREATH IN RECOGNITION OF THE EXEMPLARY ACCOMPLISHMENT OF LATE LIWAD BOD EDITHA C. MOSQUERA, M.D.	December 11, 2020										
51 S 2020	RESOLUTION ADOPTING THE POLICY TO WRITTEN-OFF THE PENALTY CHARGE TO ALL UNPAID WATER BILL WHO WANTED TO APPLY FOR RECONNECTION.  LIWAD POLICY NO. 2020 - 002 POLICY TO WRITTEN-OFF THE PENALTY CHARGE TO ALL UNPAID WATER BILL WHO WANTED TO APPLY FOR RECONNECTION	December 11, 2020										
52 S 2020	RESOLUTION TO HUMBLY AND EARNESTLY REQUEST THE BOARD OF DIRECTORS AND MANAGEMENT OF DAVAO CITY WATER DISTRICT TO INCLUDE LIANGA WATER DISTRICT AS ONE OF THE RECIPIENTS OF SECOND HAND MOTOR VEHICLE (L-300) AND MOTORCYCLE.	December 11, 2020										




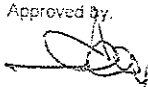
LIANGA WATER DISTRICT  
 DETAILED BALANCE SHEET  
 Month of December 31, 2020

# Annex E.1

	Actual Current	This Month Last Year	Increase (Decrease)
<b>Current Assets</b>			
Cash and Cash Equivalents			
Cash Collecting Officers	37,268.79	73,052.87	(35,784.08)
Liangá	37,268.79	73,052.87	(35,784.08)
Diatagon	34,575.42		34,575.42
Cash in Bank-Local Currency	2,693.37		2,693.37
Cash in Bank-Local Currency, Current Account	1,489,005.45	940,340.73	548,664.72
Checking Account-General Fund	1,489,005.45	940,340.73	548,664.72
Checking Account-Retirement Fund	(54,863.03)	222,316.40	(277,179.43)
Receivables	1,540,869.48	715,024.33	822,844.15
Loans and Receivables Accounts	2,120,575.11	4,218,530.09	(2,097,954.98)
Accounts Receivable			
Allowance for Doubtful accounts	2,030,098.83	4,039,274.08	(1,979,175.25)
Allowance for Impairment - Accounts Receivable		(14,884.45)	14,884.45
Other Receivables	(110,657.45)		
Inventories	141,133.73	164,140.46	(23,006.73)
Inventory Held for Distribution	2,060,784.45	1,693,889.57	366,894.88
Textbooks and Instructional Materials for Distribution	565,848.78	654,916.74	(89,067.96)
Construction Materials for Distribution		3,860.00	(3,860.00)
Inventory Held for Consumption		420.00	(420.00)
Office Supplies Inventory	289,963.02	(107,227.07)	377,190.09
Accountable Forms, Plates and Stickers Inventory	45,051.60	97,624.95	(52,573.35)
Chemical and Filtering Supplies Inventory	91,880.50		91,880.50
Supplies and Materials for Water Systems Operations	273,213.12		273,213.12
Other Supplies and Materials Inventory	228,035.00		228,035.00
Semi-Expendable Machinery and Equipment	(368,227.20)		(368,227.20)
Semi-Expendable Communications Equipment	1,222,112.65		1,222,112.65
Semi-Expendable Medical Equipment	1,960.70		1,960.70
Semi-Expendable Other Machinery and Equipment	1,125.00	2,878.00	(1,753.00)
Semi-Expendable Machinery and Equipment-(water meters)	1,219,026.95		1,219,026.95
Semi-Expendable Furniture, Fixtures and Books		1,041,416.95	(1,041,416.95)
Other Assets	2,860.00		2,860.00
Prepayments		9,075.00	(9,075.00)
Other Prepayments	6,100.00	9,075.00	(2,975.00)
Other Assets	6,100.00	2,975.00	3,125.00
<b>Total Current Assets</b>		6,100.00	
<b>Non-Current Assets</b>	5,710,733.80	6,934,888.28	(1,224,154.48)
Receivables			
Accounts Receivable, net			
Property Plant and Equipment	2,015,146.99		2,015,146.99
Land	55,275,119.74	54,419,082.94	856,036.80
Office Equipment	31,500.00	31,500.00	
Information and Communication Technology Equipment	307,035.00	307,035.00	
Disaster Response and Rescue Equipment	875,287.00	776,369.00	98,918.00
Technical and Scientific Equipment	468,770.30	468,770.30	
Other Machinery and Equipment	5,643,468.66	5,615,466.66	28,002.00
Motor Vehicles	708,366.04	602,966.04	105,400.00
Furniture and Fixtures	598,099.16	598,099.16	
Leased Assets Improvements, Buildings	344,456.00	216,856.00	127,600.00
Service Concession-Water Supply Systems	295,866.03	295,666.03	200.00
Other Service Concession Assets (Drinking and Washing)	41,299,745.99	40,843,416.99	456,329.00
Accumulated Depreciation	4,702,527.56	4,632,939.76	39,587.80
Construction in Progress-Agency Assets	(28,393,095.60)	(25,496,970.94)	(2,896,124.66)
Development in Progress - Computer Software	485,832.80		485,832.80
Total Property, Plant and Equipment	320,000.00		320,000.00
Restricted Fund - Joint Savings Account (LIWAD/LUWA)	27,697,856.94	28,922,112.00	(1,224,255.06)
<b>Total Non-Current Assets</b>	1,091,437.09	1,249,202.00	(157,764.91)
<b>Total Assets</b>	30,804,441.02	30,171,314.00	633,127.02
<b>Liabilities</b>	36,516,174.82	37,106,202.26	(591,027.44)
Financial Liabilities			
Payables	4,185,274.36	1,025,335.79	3,159,938.57
Accounts Payable	311,268.66	1,025,335.79	(714,067.13)
Due to Officers and Employees	256,311.27	699,970.23	(443,658.96)
Bills/Bonds/Loans Payable	54,955.09	325,355.56	(270,400.47)
Loans Payable - Domestic	3,874,009.00		3,874,009.00
Inter-Agency Payables	3,874,008.00		3,874,008.00
Inter-Agency Payables	1,110,954.04	1,192,028.93	(81,074.89)
Due to BIR	1,110,954.04	1,192,028.93	(81,074.89)
Due to GSIS	837,772.23	865,439.90	(27,667.67)
Due to Pag-IBIG	33,558.14	119,689.78	(86,131.62)
Due to PhilHealth	115,481.10	137,281.77	(20,799.67)
Due to SSS	56,882.57	52,450.76	4,431.81
Due to Other NGAs - SSS	16,260.00	17,186.74	(926.74)
Deferred Credits			
Deferred Revenue from Grants and Donations		1,040,769.34	(1,040,769.34)
<b>Total Liabilities, Current</b>		1,040,769.34	(1,040,769.34)
Payables	5,296,226.40	3,256,134.08	2,039,092.32
Accounts Payable			
Bills/Bonds/Loans Payable			
Loans Payable - Domestic	40,333,254.69	49,736,761.94	(9,403,507.25)
Accounts Payable	40,333,254.69	48,081,270.69	(7,748,016.00)
Other Liability Accounts		1,655,491.25	
Customer's Deposits Payable	611,099.39	611,099.39	
Other Payables	117,408.00	117,408.00	
Leave Benefits Payable	493,691.38	493,691.38	
<b>Total Liabilities, Non-Current</b>	5,127,999.87		
<b>Total Liabilities</b>	46,072,353.94	50,347,861.32	(4,275,507.38)
<b>Equity</b>	51,368,582.34	53,605,993.38	(2,237,411.04)
Government Equity			
Retained Earnings/(Deficit)	4,444,095.55	4,444,095.55	
<b>Total Equity</b>	(19,297,303.07)	(20,943,868.67)	1,646,565.60
<b>Total Liabilities &amp; Equity</b>	(14,853,407.52)	(16,499,793.12)	1,646,385.60
	36,515,174.82	37,106,202.26	(591,027.44)

Prepared by:  
  
**JULIUS CHRISTIAN G. CALANGIAN**  
 Sr. Accounting Processor - A

Verified by:  
  
**GEMMA P. DOROJA**  
 Admin. Services Officer B

Approved by:  
  
**WILFREDO G. SANCHEZ**  
 General Manager D

# Annex E.2

**LIANGA WATER DISTRICT  
DETAILED STATEMENT OF INCOME AND EXPENSES  
For the Month December 31, 2020**

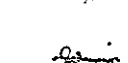
	Actual Month	Budget Month	Over (Under)	Years-to-Date Budget		Over (Under)
				Actual	Month	
<b>INCOME</b>						
Waterworks System Fees	1,938,774.31	1,501,500.00	437,274.31	23,492,370.74	18,018,000.00	5,474,370.74
Less: Sales Discounts	11,789.06			138,914.26	-	
Net Income from water works system	1,927,005.23			23,355,456.48	-	
Service Income						
Fines and Penalties-Service Income	64,029.62	61,000.00	13,029.62	675,306.61	612,000.00	63,306.61
Other Service Income	27,777.90	21,500.00	6,277.90	301,381.79	258,000.00	43,381.79
Business Income						
Other Business Income	5,200.00	1,000.00	4,200.00	17,120.00	12,000.00	5,120.00
Subsidy from National Government	1,040,769.34		1,040,769.34	1,040,769.34	-	1,040,769.34
Other Non-Operating Income						
Miscellaneous Income	9,153.24	6,000.00	1,153.24	47,945.67	96,000.00	(48,054.33)
<b>GROSS INCOME</b>	<b>3,073,935.53</b>	<b>1,563,000.00</b>	<b>1,502,704.61</b>	<b>25,437,979.79</b>	<b>18,998,000.00</b>	<b>6,441,979.79</b>
<b>Less: EXPENSES</b>						
<b>Personnel Services</b>						
<b>Salaries and Wages</b>						
Salaries and Wages-Regular	611,759.00	596,316.60	15,440.20	4,774,934.45	7,155,825.60	(2,380,891.15)
Salaries and Wages-Casual/Contractual	181,340.54	147,968.70	33,371.84	1,628,340.21	1,775,624.40	(147,284.19)
<b>Other Compensation</b>						
Personnel Economic Relief Allowance (PERA)	52,000.00	70,000.00	(18,000.00)	606,000.00	840,000.00	(234,000.00)
Representation Allowance-RA	5,000.00	7,500.00	(2,500.00)	65,000.00	90,000.00	(25,000.00)
Transportation Allowance-TA	5,000.00	7,500.00	(2,500.00)	65,000.00	90,000.00	(25,000.00)
Clothing/Uniform Allowance	-	17,500.00	(17,500.00)	160,000.00	210,000.00	(60,000.00)
Productivity Incentive Allowance	127,500.00	46,162.63	81,337.32	416,593.32	553,952.15	(135,358.83)
Honoraria	100,226.00	91,666.67	8,559.33	-	1,100,000.00	(1,100,000.00)
Longevity Pay	-	1,250.00	(1,250.00)	-	15,000.00	(15,000.00)
Overtime and Night Pay	-	8,333.33	(8,333.33)	7,035.62	100,000.00	(92,964.38)
Year-End Bonus	-	62,023.96	(62,023.96)	524,575.68	744,287.50	(219,711.82)
Cash Gift	-	14,583.33	(14,583.33)	125,000.00	175,000.00	(50,000.00)
Mid-Year Bonus	-	62,023.96	(62,023.96)	502,274.62	744,287.50	
Directors and Committee Members' Fee	387,030.00	-		387,030.00	-	
Other Bonuses and Allowances	-	-		-	-	
<b>Personnel Benefit Contributions</b>						
Retirement and Life Insurance Premiums	64,811.94	89,314.50	(24,502.56)	734,041.51	1,071,774.00	(337,732.49)
Pag-IBIG Contributions	2,600.00	3,500.00	(900.00)	30,300.00	42,000.00	(11,700.00)
PhiHealth Contributions	7,572.34	10,834.42	(3,262.08)	85,499.61	130,013.02	(44,513.41)
Employees Compensation Insurance Premiums	2,600.00	3,500.00	(900.00)	30,300.00	42,000.00	(11,700.00)
<b>Other Personnel Benefits</b>						
Retirement Gratuity	-	27,917.62	(27,917.62)	-	335,011.40	(335,011.40)
Terminal Leave Benefits	481,511.25	-		481,511.25	-	
Other Personnel Benefits	443,693.87	27,525.95	416,167.92	600,917.70	330,311.42	270,606.28
<b>Total Personnel Services</b>	<b>2,472,644.94</b>	<b>1,295,423.92</b>	<b>1,177,221.02</b>	<b>11,216,353.97</b>	<b>15,545,086.99</b>	<b>(4,328,733.02)</b>

	Actual Month	Budget Month	Over (Under)	Years-to-Date Budget		Over ( Under )
				Actual	Month	
<b>Maintenance and Other Operating Expenses</b>						
Traveling Expenses						
Traveling Expenses-Local	33,560.00	50,000.00	(16,440.00)	263,859.56	600,000.00	(336,140.44)
Training Expenses	-	50,000.00	(50,000.00)	115,603.01	600,000.00	(484,396.99)
Supplies and Materials Expenses						
Office Supplies Expenses	8,958.89	19,768.49	(10,811.60)	146,472.76	237,221.91	(90,749.15)
Accountable Forms Expenses	9,000.00	9,083.33	(83.33)	65,000.00	109,000.00	(24,000.00)
Drugs and Medicines Expenses	-	4,166.67	(4,166.67)	21,252.00	50,000.00	(28,748.00)
Fuel, Oil and Lubricants Expenses	22,713.50	25,000.00	(2,286.50)	174,484.25	300,000.00	(125,515.75)
Textbooks and Instructional Materials Expenses	-	-	-	-	-	-
Chemical and Filtering Supplies Expenses	64,958.85	76,351.00	8,607.86	786,572.26	916,212.00	(129,639.74)
Other Supplies and Materials Expenses	-	-	-	-	-	-
Utility Expenses						
Water Expenses	-	2,000.00	(2,000.00)	-	24,000.00	(24,000.00)
Electricity Expenses	14,437.12	45,000.00	(30,562.88)	181,307.81	540,000.00	(358,692.19)
Gas/Heating Expenses	-	-	-	-	-	-
Other Utility Expenses	902.00	833.33	68.67	2,522.00	10,000.00	(7,478.00)
Communications Expenses						
Postage and Courier Services	400.00	1,250.00	(850.00)	11,285.00	15,000.00	(3,715.00)
Telephone Expenses	2,883.20	5,300.00	(2,416.80)	60,363.94	63,600.00	(3,236.06)
Internet Subscription Expenses	1,200.00	2,200.00	(1,000.00)	16,800.00	26,400.00	(9,600.00)
Cable, Satellite, Telegraph and Radio Expenses	-	625.00	(625.00)	5,175.64	7,500.00	(1,324.36)
Awards/Rewards, Prizes and Indemnities						
Awards/Rewards Expenses	-	4,166.67	(4,166.67)	-	50,000.00	(50,000.00)
Survey, Research, Exploration and Development Expenses						
Survey Expenses	12,800.00	12,500.00	300.00	119,900.00	150,000.00	(30,100.00)
Confidential, Intelligence and Extraordinary Expenses						
Extraordinary and Miscellaneous Expenses	48,310.00	25,000.00	23,310.00	79,060.31	300,000.00	(220,939.69)
Professional Services						
Legal Services	1,500.00	4,166.67	(2,666.67)	17,750.00	50,000.00	(32,250.00)
Auditing Services	-	9,166.67	(9,166.67)	-	110,000.00	(110,000.00)
General Services						
Security Services	25,000.00	26,290.00	(1,290.00)	287,500.00	315,480.00	(27,980.00)
Other General Services	67,158.00	78,540.00	(11,382.00)	745,148.50	942,480.00	(197,331.50)
Repairs and Maintenance						
Repairs and Maintenance-Land Improvements	-	-	-	-	-	-
Repairs and Maintenance-Infrastructure Assets	86,621.09	83,700.67	2,920.42	657,329.37	1,004,408.00	(347,078.63)
Repairs and Maintenance-Buildings and Other Structures	-	-	-	-	-	-
Repairs and Maintenance-Machinery and Equipment	2,900.00	6,104.17	(3,204.17)	38,645.00	73,250.00	(34,605.00)
Repairs and Maintenance-Transportation Equipment	-	25,000.00	(25,000.00)	88,185.00	100,000.00	(11,815.00)
Repairs and Maintenance-Furnitures and Fixtures	-	8,333.33	(8,333.33)	-	100,000.00	(100,000.00)
Repairs and Maintenance-Leased Assets Improvements	-	8,333.33	(8,333.33)	-	100,000.00	(100,000.00)
Repairs and Maintenance-Semi-Expendable Machinery and Equipment	-	-	-	-	-	-
Repairs and Maintenance-Semi-Expendable Furniture, Fixtures and Books	300.00	9,166.67	(8,866.67)	7,650.00	110,000.00	(102,350.00)
Repairs and Maintenance-Other Property, Plant and Equipment	-	16,369.08	(16,369.08)	28,440.00	195,428.00	(167,988.00)
Taxes, Insurance Premiums and Other Fees						
Taxes, Duties and Licenses	41,563.29	41,666.67	(103.38)	469,847.42	500,000.00	(30,152.58)
Fidelity Bond Premiums	-	5,000.00	(5,000.00)	23,043.75	60,000.00	(36,956.25)
Insurance/Reinsurance Expenses	-	12,500.00	(12,500.00)	15,261.17	150,000.00	(134,738.83)
Other Maintenance and Operating Expenses						
Advertising, Promotional and Marketing Expenses	-	3,333.33	(3,333.33)	-	40,000.00	(40,000.00)
Printing and Publication Expenses	122,400.00	12,500.00	109,900.00	122,400.00	150,000.00	(27,600.00)
Representation Expenses	100.00	10,000.00	(9,900.00)	20,941.00	120,000.00	(99,059.00)
Transportation and Delivery Expenses	-	2,500.00	(2,500.00)	-	30,000.00	(30,000.00)
Rent/Lease Expenses	10,400.00	16,666.67	(6,266.67)	148,188.96	200,000.00	(51,811.04)
Membership Dues & Contributions to Organization	-	3,333.33	(3,333.33)	10,026.00	40,000.00	(29,974.00)
Donations	-	6,666.67	(6,666.67)	26,500.00	60,000.00	(33,500.00)
Documentary Stamps Expenses	-	83.33	(83.33)	-	1,000.00	(1,000.00)
Other Maintenance and Operating Expenses	2,766.00	50,000.00	(47,234.00)	377,366.24	600,000.00	(222,633.76)
<b>Financial Expenses</b>						
Interest Expenses	-	-	-	-	-	-
Bank Charges	-	416.67	(416.67)	583.29	5,000.00	(4,416.71)
Other Financial Charges	-	833.33	(833.33)	8,200.00	10,000.00	(1,800.00)
<b>Non-Cash Expenses</b>						
Depreciation-Land Improvements	-	-	-	-	-	-
Depreciation-Infrastructure Assets	-	-	-	-	-	-
Depreciation-Buildings and Other Structures	144,112.85	132,172.56	11,940.29	1,722,691.15	1,586,070.72	136,620.43
Depreciation-Machinery and Equipment	20,424.37	20,726.45	(302.08)	236,917.44	248,717.40	(11,799.96)
Depreciation-Transportation Equipment	4,364.61	4,364.61	-	52,375.32	52,375.32	-
Depreciation-Furnitures, Fixtures and Books	67,112.52	66,616.69	495.83	603,662.75	799,400.28	(195,737.53)
Depreciation-Leased Assets Improvements	5,656.50	5,656.50	-	70,278.00	70,278.00	-
Depreciation-Service Concession Assets	-	-	-	-	-	-
Depreciation-Other Property, Plants and Equipment	-	-	-	-	-	-
Impairment Loss - Loans and Receivables	95,773.00	6,734.50	89,038.50	95,773.00	80,814.00	14,959.00
<b>Total Maintenance and Other Operating Expenses</b>	<b>939,493.80</b>	<b>995,318.56</b>	<b>(152,897.76)</b>	<b>8,146,343.90</b>	<b>11,924,636.63</b>	<b>(3,778,292.73)</b>
<b>Total expenses</b>	<b>3,411,138.74</b>	<b>2,290,742.43</b>	<b>1,120,396.26</b>	<b>19,362,697.87</b>	<b>27,469,723.62</b>	<b>(8,107,025.75)</b>
<b>Income(Loss) From Operations</b>	<b>(337,203.21)</b>	<b>(707,742.48)</b>	<b>370,539.27</b>	<b>6,075,261.92</b>		
<b>Add(Deduct) Other Income/Expenses</b>						
Gain/Loss on Foreign Exchange(FOREX)	-	-	-	-	-	-
Interest Income	-	-	-	761.72	-	-
<b>Net Income (Loss) Before Income Tax</b>	<b>(337,203.21)</b>	<b>(707,742.48)</b>	<b>370,539.27</b>	<b>6,076,043.64</b>		

Prepared by:

  
**JUNUS CHRISTIAN G. CALANGIAN**  
 Sr. Accounting Processor - A

Verified by:

  
**GEMMA P. DOROJA**  
 Admin. Services Officer B

Approved by:

  
**WILFREDO G. SANCHEZ**  
 General Manager D

LIANGA WATER DISTRICT  
CASH FLOW STATEMENT  
For the Month of December 31, 2020

Annex E.3

	Actual Month	Budget Month	Over (Under)	Years-to-Date Budget		Over (Under)
				Actual	Month	
<b>Cash Flows from Operating Activities</b>						
<b>Cash Flows:</b>						
Collection of Receivables	2,247,045.87	1,350,500.00	896,545.87	23,993,808.08	16,206,000.00	7,787,808.08
Collection of Income	118,836.00	75,250.00	43,586.00	745,006.43	903,000.00	(157,993.57)
Refund of petty cash fund	3,740.00		3,740.00	4,235.00	-	4,235.00
Refund of Cash Advance			-	8,426.88	-	8,426.88
Refund of Cash Advance - Payroll	1,641.60		1,641.60	3,825.60	-	3,825.60
Other Receivables		9,500.00	(9,500.00)	21,150.00	114,000.00	(92,850.00)
Refund - Salaries and Wages - Regular			-	420.15	-	420.15
<b>Total Cash Inflows</b>	<b>2,371,263.47</b>	<b>1,435,250.00</b>	<b>936,013.47</b>	<b>24,776,872.14</b>	<b>17,223,000.00</b>	<b>7,553,872.14</b>
<b>Cash Outflows:</b>						
Payment of operating expenses (schedule 1 & 2 )	1,766,767.43	400,000.00	1,366,767.43	11,562,395.13	4,300,000.00	6,762,395.13
Payment of payables (schedule 3)	-	134,416.67	(134,416.67)	3,173,345.76	1,613,000.04	1,560,345.72
Remittance of GSIS/PAG-IBIG/PHIC/Withholding taxes (schedule 4)	256,961.11	595,333.33	(338,372.22)	3,863,600.95	7,143,999.96	(3,280,399.01)
Office Supplies Inventory				82,304.01	-	
Payment of Accountable Forms, Plates and Stickers Inventory			-	110,000.00	-	110,000.00
Other Supplies and Materials for Distribution (materials/fitlings)				173,071.50	-	173,071.50
Other Supplies and Materials for Distribution (chlorine)	76,122.39		76,122.39	575,308.11	-	575,308.11
Other Supplies and Materials Inventory				5,678.57	-	
Supplies and Materials for Water Systems Operations	45,650.98			184,775.98	-	
Construction in Progress	62,945.11		62,945.11	207,407.99	-	207,407.99
Advances to Officers and Employees	48,010.31		48,010.31	252,249.60	-	252,249.60
Petty Cash Fund			-	15,000.00	-	15,000.00
<b>Total Cash Outflows</b>	<b>2,256,457.33</b>	<b>1,129,750.00</b>	<b>1,126,707.33</b>	<b>20,205,137.60</b>	<b>13,557,000.00</b>	<b>6,648,137.60</b>
<b>Total Cash Provided (Used) by Operating Activities</b>	<b>114,806.14</b>	<b>305,500.00</b>	<b>(190,693.86)</b>	<b>4,571,734.54</b>	<b>3,666,000.00</b>	<b>905,734.54</b>
<b>Cash Flows from Investing Activities:</b>						
<b>Cash inflows:</b>						
Proceeds from sale of:			-			
<b>Total Cash inflows</b>			-			
<b>Cash Outflows:</b>						
Purchase/construction of		12,500.00	(12,500.00)			
Property, Plant and Equipemnt						
Information and Communication Technology Equipment	47,197.44		47,197.44	93,619.76	-	93,619.76
Other Machinery and Equipment	31,500.00		31,500.00	101,641.07	-	101,641.07
Office Equipment			-		-	
Furnitures and Fixtures	73,442.85			120,764.28	-	
Service Concession-Water Supply Systems					-	
Technical and Scientific Equipment				26,500.00	-	
Semi-Expendable - Communications Equipment				1,960.70	-	
Semi-Expendable - Medical Equipment				1,125.00	-	
<b>CAPEX - Service Connection</b>		<b>14,000.00</b>	<b>(14,000.00)</b>		<b>168,000.00</b>	<b>(168,000.00)</b>

CAPEX - NRW Reduction		15,166.67	(15,166.67)		182,000.04	(182,000.04)
Total Cash Outflows	152,140.29	29,166.67	122,973.62	345,610.81	350,000.04	(4,389.23)
Total Cash Provided (Used) by Investing Activities	(37,334.15)	276,333.33	(313,667.48)	4,226,123.73	3,315,999.96	910,123.77

<b>Cash Flows from Financing Activities</b>						
<b>Cash Inflows:</b>						
Proceeds from Borrowings			-			-
<b>Cash Outflows:</b>						
Cash payment of interest on loans/bonds payable and other financial charges	322,834.00	322,834.00	-	3,874,008.00	3,874,008.00	-
Payments of domestic and foreign loans			-			-
Total Cash Provided (used) by Financing Activities	322,834.00	322,834.00	-	3,874,008.00	3,874,008.00	-
Cash Provided by Operating, Investing and Financing Activities	(360,168.15)	(46,500.67)	(313,667.48)	352,115.73	(558,008.04)	910,123.77
Add: Cash and Cash Equivalents - Beginning	2,974,879.48		2,974,879.48	2,262,595.60		2,262,595.60
Cash and Cash Equivalents, Ending	2,614,711.33		2,614,711.33	2,614,711.33		2,614,711.33

Prepared by:

  
JULIUS CHRISTIAN G. CALANGIAN  
 Sr. Accounting Processor - A

Verified by:

  
GEMMA P. DOROJA  
 Admin. Services Officer - B

Approved by:

  
WILFREDO G. SANCHEZ  
 General Manager - D

DETAILED STATEMENT OF FINANCIAL POSITION  
ALL FUNDS  
AS AT DECEMBER 31, 2020

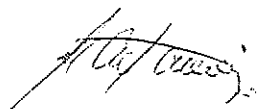
		December 2020	December 2019
<b>Current Assets</b>			
Cash on Hand		37,268.79	73,052.87
Cash on Hand-Collection Officers		37,268.79	73,052.87
Cash on Hand-Disbursing Officers			
Petty Cash Fund			
<b>Total</b>		<u>37,268.79</u>	<u>73,052.87</u>
Cash in Bank-Local Currency		1,486,005.45	940,340.73
Cash in Bank-Local Currency, Current Account		(54,863.03)	222,316.40
Cash in Bank-Checking Account-Retirement Fund		1,540,868.48	718,024.33
<b>Total Cash and Cash Equivalents</b>	Note 6	1,523,274.24	1,013,393.60
Accounts Receivables		2,090,098.83	
Allowance for Doubtful Accounts		-	-
Allowance for Impairment - Accounts Receivable		(110,657.45)	-
Accounts Receivable, net		1,979,441.38	4,069,274.08
Other Receivables		141,133.73	164,140.46
Advances to Officers and Employees			
<b>Total Receivables</b>	Note 7	<u>2,120,575.11</u>	<u>4,233,414.54</u>
Inventories	Note 8	2,060,784.45	1,693,889.57
Inventory Held for Distribution		565,848.78	654,916.74
Inventory Held for Consumption		269,963.02	(107,227.07)
Construction Materials Inventory			420.00
Office Supplies Inventory			97,624.95
Textbooks and Instructional Materials Inventory			3,860.00
Semi-Expendable Machinery and Equipment		1,222,112.65	1,041,416.95
Semi-Expendable Furniture, Fixtures and Books		2,860.00	2,878.00
<b>Total</b>		<u>2,060,784.45</u>	<u>1,693,889.57</u>
Prepayments	Note 9	6,100.00	9,075.00
Other Prepaid Expenses		6,100.00	6,100.00
Other Prepayments		-	2,975.00
<b>Total Current Assets</b>		<u>5,710,733.80</u>	<u>6,949,772.71</u>
<b>Non-Current Assets</b>			
Receivables			
Accounts receivable, net		2,015,146.99	
Property, Plant and Equipment		55,275,119.74	54,419,082.94
Accumulated Depreciation		(28,383,095.60)	(25,496,970.94)
Construction in Progress-Agency Assets		485,832.80	
Development in Progress - Computer Software		320,000.00	
<b>Total Property, Plant and Equipment</b>	Note 10	<u>29,713,003.93</u>	<u>28,922,112.00</u>
Restricted Fund - Joint Savings Account (LIWAD/LUWA)	Note 11	1,091,437.09	1,249,202.00
<b>Total Non-Current Assets</b>		<u>30,804,441.02</u>	<u>28,922,112.00</u>
<b>Total Assets</b>		<u>36,515,174.82</u>	<u>35,871,884.71</u>

		December 2020	December 2019
<b>Current Liabilities</b>			
Accounts Payable		256,311.27	699,970.23
Due to Officers and Employees		54,955.09	325,365.56
Interest Payable		-	-
Loans Payable-Current		3,874,008.00	-
Payable Accounts	Note 12	4,185,274.36	1,025,335.79
<b>Inter-Agency Payables</b>			
Due to BIR		837,772.23	865,439.90
Due to GSIS		83,558.14	119,689.76
Due to PAG-IBIG		116,481.10	137,261.77
Due to PHILHEALTH		56,882.57	52,450.76
Due to Other NGAs - SSS		16,260.00	17,186.74
Inter-Agency Payables	Note 13	1,110,954.04	1,192,028.93
<b>Total Current Liabilities</b>		<u>5,296,228.40</u>	<u>2,217,364.72</u>
<b>Non-Current Liabilities</b>			
Mortgage/Bonds/Loans Payable		46,072,353.94	50,347,861.32
Other Loang-Term Liabilities		40,333,254.69	48,081,270.69
Accounts Payable		-	1,655,491.25
Other Liability Accounts	Note 14	611,099.38	611,099.38
Guaranty Deposits Payable		117,408.00	117,408.00
Other Payables	Note 16	493,691.38	493,691.38
Leave Benefits Payable		5,127,999.87	
<b>Total Liabilities</b>		<u>51,368,582.34</u>	<u>52,565,226.04</u>
<b>Deferred Credits</b>			
Other Deferred Credits - Special Deposits	Note 15	-	1,040,769.34
<b>Equity</b>			
Government Equity		4,444,095.55	4,444,095.55
Retained Earnings		(19,297,503.07)	(20,943,888.67)
Prior Years Adjustment		-	-
<b>Total Equity</b>		<u>(14,853,407.52)</u>	<u>(16,499,793.12)</u>
<b>Total Liabilities &amp; Equity</b>		<u><u>36,515,174.82</u></u>	<u><u>37,106,202.26</u></u>

Prepared by:

Verified by:

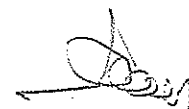
Approved by:



JULIUS CHRISTIAN G. CALANGIAN  
Sr. Accounting Processor A



GEMMA P. DOROJA  
Admin. Services Officer B



WILFREDO G. SANCHEZ  
General Manager D

Republic of the Philippines  
Liana Water District  
Liana, Surigao del Sur

DETAILED STATEMENT OF FINANCIAL PERFORMANCE  
ALL FUNDS  
FOR THE YEAR ENDED DECEMBER 31, 2020

		CY 2020	CY 2019
<b>INCOME</b>	Note 17		
Water System fees		23,492,370.74	21,635,562.59
Less: Discounts		136,914.26	124,648.52
Net Income from water works system		23,355,456.48	21,510,914.07
Fines and Penalties-business income		675,306.61	715,700.15
Miscellaneous Income		47,945.57	51,053.89
Other Service Income		301,381.79	403,561.02
Other Business Income		17,120.00	16,915.80
Subsidy from National Government	Note 18	1,040,769.34	1,040,769.33
<b>GROSS INCOME</b>		<u>25,437,979.79</u>	<u>23,738,914.26</u>
<b>Less: EXPENSES</b>			
<b>Personal Services</b>	Note 19		
Salaries and Wages-Regular		4,774,934.45	4,504,793.70
Salaries and Wages-Casual/Contractual/others		1,628,340.21	936,916.32
Personnel Econ. Relief Allow. (PERA)		606,000.00	522,000.00
Representation Allowance		65,000.00	54,090.86
Transportation Allowance		65,000.00	54,090.86
Clothing/Uniform Allowance		150,000.00	120,000.00
Productivity Incentives Allowance		418,593.32	433,240.10
Honoraria		387,000.00	495,322.51
Longevity Pay			10,000.00
Overtime and Night Pay		7,035.62	15,343.20
Year End Bonus		524,575.68	459,503.94
Cash Gift		125,000.00	115,000.00
Mid-Year Bonus		502,274.62	418,937.36
Retirement and Life Insurance Contributions (ccss)		734,041.51	634,897.95
PAG-IBIG Contributions		30,300.00	26,100.00
PHILHEALTH Contributions		85,499.61	63,990.77
ECC Contributions		30,300.00	26,100.00
Retirement Benefits - Civilian			165,814.94
Terminal Leave Benefits		481,511.25	
Other Personnel Benefits		600,917.70	820,218.84
<b>Total Personnel Services</b>		<u>11,216,353.97</u>	<u>9,877,361.38</u>



		CY 2020	CY 2019
<b>Maintenance and Other Operating Expenses</b>	Note 20		
Traveling Expenses-Local		263,859.56	486,403.53
Training Expenses		115,603.01	569,732.49
Office Supplies Expenses		146,472.76	98,607.82
Accountable Forms Expenses		85,000.00	76,550.00
Drugs and Medicines Expenses		21,252.00	3,537.00
Fuel, Oil and Lubricants Expenses		174,491.25	275,872.83
Chemical and Filtering Supplies Expenses		786,573.26	433,891.48
Electricity Expenses		181,307.81	605,515.79
Other Utility Expenses		2,522.00	
Postage and Courier Services		11,285.00	12,621.25
Telephone Expenses		60,363.94	63,007.80
Internet Subscription Expenses		16,800.00	13,407.00
Cable, Satellite, Telegraph and Radio Expenses		6,175.64	6,788.64
Awards/Rewards Expenses		-	16,400.00
Survey Expenses		119,900.00	92,520.00
Extraordinary and Miscellaneous Expenses		79,660.31	369,821.78
Legal Services		17,750.00	24,250.00
Auditing Services		-	103,751.87
Security Services		287,500.00	200,000.00
Other General Services		745,148.50	1,000,000.00
Repairs and Maintenance-Infrastructure Assets		657,329.37	791,117.29
Repairs and Maintenance-Machinery and Equipment		38,645.00	5,800.00
Repairs and Maintenance-Transportation Equipment		88,185.00	45,351.60
Repairs and Maintenance-Furniture and Fixtures		-	
Repairs and Maintenance-Cont. Expenses- Furniture, Fixtures and Books (H)		7,850.00	35,701.00
Repairs and Maintenance-Other Property, Plant and Equipment		28,140.00	
Taxes, Duties and Licenses		469,847.42	428,510.22
Fidelity Bond Premiums		23,043.75	48,750.00
Insurance/Reinsurance Expenses		15,261.17	26,416.51
Advertising, Promotional and Marketing Expenses		-	8,000.00
Printing and Publication Expenses		122,400.00	110,600.00
Representation Expenses		20,911.00	21,980.00
Transportation and Delivery Expenses		-	
Rent/Lease Expenses		148,188.96	256,700.32
Membership Dues & Contributions to Organization		10,028.00	28,175.25
Donations		26,500.00	28,450.00
Other Maintenance and Operating Expenses		377,366.24	558,678.55
Interest Expenses	Note 21	-	
Bank Charges		563.29	1,288.55
Other Financial Charges		8,200.00	
Depreciation-Buildings and Other Structures	Note 22	1,722,691.15	1,565,670.72
Depreciation-Machinery and Equipment		236,917.43	228,155.89
Depreciation-Transportation Equipment		52,375.52	52,375.52
Depreciation-Furniture, Fixtures and Books		803,062.75	775,513.16
Depreciation-Leased Assets Improvements		70,278.00	70,278.00
Impairment Loss - Loans and Receivables		95,773.00	
<b>Total Maintenance and Other Operating Expenses</b>		<u>8,116,343.90</u>	<u>9,589,102.26</u>
<b>Total Expenses</b>		<u>19,362,697.87</u>	<u>19,466,463.64</u>
<b>Income (Loss) from Operations</b>		6,075,281.92	1,272,450.62
<b>Add (Deduct) Other income/Expenses</b>			
Gain/Loss on Foreign Expenses (FOREX)			
Interest Income		761.72	1,742.73
<b>Net Income (Loss) before Income Tax</b>		<u>6,076,043.64</u>	<u>1,274,193.35</u>

Prepared by:

  
**MIRIS CHRISTIAN G. CALANGIAN**  
 Sr. Accounting Processor A

Verified by:

  
**GEMMA L. DUROJA**  
 Admin. Services Officer B

Approved by:

  
**WILFREDO G. SANCHEZ**  
 General Manager D

Republic of the Philippines  
Liang Water District  
Liang, Surigao del Sur


CASH FLOW STATEMENT  
ALL FUNDS  
FOR THE YEAR ENDED DECEMBER 31, 2020

	December 2020	December 2019
<b>Cash Flows from Operating Activities</b>		
<b>Cash Flows:</b>		
Collection of Receivables	23,993,808.08	22,171,071.87
Collection of Income	745,006.43	985,354.08
Refund of Overpayment of Expenses	21,150.00	109,269.01
Refund of Petty Cash Fund	4,235.00	10,430.09
Refund of Cash Advances	8,426.88	32,562.25
Refund of Cash Advances - Payroll	3,825.60	7,082.00
Refund - Salaries and Wages - Regular	420.15	-
Other Deferred Credits-Special Deposit Account	-	-
<b>Total Cash Inflows</b>	<b>24,776,872.14</b>	<b>23,315,769.30</b>
<b>Cash Outflows:</b>		
Payment of Operating Expenses (Schedule 1 & 2)	11,562,395.13	10,960,345.31
Payment of Payables (Schedule 3)	3,173,345.76	755,529.71
Remittance of GSIS/PAG-IBIG/PHIC Withholding (Sch. 4)	3,863,600.95	3,480,283.56
Semi-Expendable Office Equipment	-	-
Semi-Expendable Books	-	-
Semi-Expendable Medical Equipment	-	-
Semi-Expendable Medical Furnitures, Fixtures and Books	-	-
Office Supplies Inventory	82,304.01	77,660.80
Accountable Forms, Plates and Stickers Inventory	110,000.00	108,000.00
Chemical and Filtering Supplies Inventory (Chlorine)	575,308.11	459,807.18
Other Supplies and Materials for Distribution (Materials/Fittings)	173,071.50	593,910.83
Other Supplies and Materials Inventory (Water Meter)	5,678.57	41,642.85
Work in Process Inventory	-	-
Supplies and Materials for Water Systems Operation	184,575.98	-
Construction in Progress	207,407.99	2,086,748.36
Advances to Officers and Employees	252,249.60	1,219,438.52
Petty Cash Fund	15,000.00	15,000.00
<b>Total Cash Outflows</b>	<b>20,205,137.60</b>	<b>19,798,367.12</b>
<b>Total Cash Provided (Used) by Operating Activities</b>	<b>4,571,734.54</b>	<b>3,517,402.18</b>
<b>Cash Flows from Investing Activities</b>		
<b>Cash inflows:</b>		
<b>Total Cash inflows</b>		
<b>Cash Outflows:</b>		
Purchase/Construction of		
Other Machinery and Equipment	101,641.07	27,514.57
Information and Communication Technology	93,619.76	-
Office Equipment	-	47,297.76
Motor Vehicles	-	-
Service Concession - Water Supply Systems	-	-
Technical and Scientific - Equipment (Infectious Materials for GenSet)	26,500.00	23,724.87
Furnitures and Fixtures	120,764.28	42,068.74
Semi-Expendable - Communications Equipment	1,960.70	-
Semi-Expendable - Medical Equipment	1,125.00	-
CAPEX - Service Concession	-	-
<b>Total Cash Outflows</b>	<b>315,610.81</b>	<b>142,605.94</b>
<b>Total Cash Provided (Used) by Investing Activities</b>	<b>4,226,123.73</b>	<b>3,374,796.24</b>
<b>Cash Flows from Financing Activities</b>		
<b>Cash Inflows:</b>		
Proceeds from Borrowings		
<b>Cash Outflows:</b>		
Cash Payment of interest on loans/bonds payable and other		
Payments of domestic and foreign loans	3,874,008.00	3,634,008.00
<b>Total Cash Provided (used) by Financing Activities</b>	<b>3,874,008.00</b>	<b>3,634,008.00</b>
<b>Cash Provided by Operating, Investing and Financing Activities</b>	<b>352,113.73</b>	<b>(259,211.76)</b>
<b>add: Cash and Cash Equivalents - Beginning</b>	<b>2,262,595.60</b>	<b>2,521,807.36</b>
<b>Cash and Cash Equivalents, Ending</b>	<b>2,614,711.33</b>	<b>2,262,595.60</b>

Prepared by:

  
JULIUS CHRISTIAN G. CADANGAN  
Sr. Accounting Processor A

Verified by:

  
GENMA P. DORCIA  
Admin Services Officer B

Approved by:

  
WILFREDO G. SANCHEZ  
General Manager D

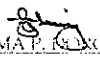
LIANGA WATER DISTRICT  
STATEMENT OF CHANGES IN EQUITY  
ALL FUNDS  
FOR THE YEAR ENDED DECEMBER 31, 2020

NOTE	Government Equity	Reserved/Restricted Capital	Retained Earnings	Total
BALANCE AT JANUARY, 2019	4,444,095.55		(21,043,161.87)	(16,599,066.32)
ADJUSTMENTS:				
Add/(Deduct):				
Changes in Accounting Policy	-			
RESTATE BALANCE AT JANUARY 1, 2019	4,444,095.55		(21,043,161.87)	(16,599,066.32)
CHANGES IN EQUITY FOR 2019				
Add/(Deduct):				
Comprehensive Income for the year			4,274,193.35	4,274,193.35
Prior Periods Errors			(4,174,830.95)	(4,174,830.95)
Other Adjustments			89.20	89.20
BALANCE AT DECEMBER 31, 2019	4,444,095.55		(20,943,888.67)	(16,499,793.12)
CHANGES IN EQUITY FOR 2020				
Add/(Deduct):				
Comprehensive Income for the year			6,076,013.64	6,076,013.64
Prior Period Errors			4,429,658.04	4,429,658.04
Other Adjustments				
BALANCE AT DECEMBER 31, 2020	4,444,095.55		(19,297,303.07)	(14,853,207.52)

Prepared by:

  
JULIUS CHRISTIAN C. CALANGIAN  
Sr. Accounting Processor A

Verified by:

  
GEMMA F. NOROJA  
Admin. Services Officer B

Approved by:

  
WILFREDO G. SANCHEZ  
General Manager D

**LIANGA WATER DISTRICT  
NOTES TO FINANCIAL STATEMENT  
FOR THE YEAR ENDED DECEMBER 31, 2020**

## **1. GENERAL INFORMATION/ENTITY PROFILE**

The financial statements of Lianga Water District were authorized for issue on February 12, 2021 as shown in the Statement of Management Responsibility for Financial Statements signed by Wilfredo G. Sanchez, the General Manager.

Lianga Water District (the District) is a Government-Owned and Controlled Corporation established by virtue of Municipal Council Resolution on July 1979. It was subsequently issued a Conditional Certificate on Conformance No. 104 by the Local Water Utilities Administration on December 4, 1979. Upon its formation, the District acquired the ownership and management of the two water systems in accordance with Presidential Decree (PD) No. 198, as amended.

The mandates/functions of the District are to (a) acquire, install, improve, maintain and operate water supply and distribution systems for domestic, industrial, municipal and agricultural uses for residents and lands within the boundaries of such districts, (b) provide, maintain, and operate wastewater collection, treatment and disposal facilities, and (c) conduct such other functions and operations incidental to water resource development, utilization and disposal within such districts, as are necessary or incidental to said purpose. The Entity's registered office is located in Annex A, Market Mall, Lianga, Surigao del Sur.

## **2. STATEMENT OF COMPLIANCE AND BASIS OF PREPARATION OF FINANCIAL STATEMENTS**

The financial statements have been prepared in compliance with the Philippine Financial Reporting Standards (PFRS) prescribed by the Commission on Audit through COA Circular No. 2015-010 dated December 1, 2015.

The accounting policies have been consistently applied throughout the year presented.

The financial statements have been prepared on the basis of historical cost, unless stated otherwise. The Statement of Cash Flows is prepared using the direct method.

The financial statements are presented in peso (₱), which is also the country's functional currency.

The preparation of financial statements in compliance with the adopted PFRS requires the use of certain accounting estimates. It also requires the entity to exercise judgment in applying the entity's accounting policies. The areas where significant judgments and estimates have been made in preparing the financial statements and their effects are disclosed in note.

## **3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

### ***3.1 Basis of accounting***

The financial statements are prepared on an accrual basis in accordance with the PFRS.

## 3.2 Financial Instruments

### a. Financial assets

#### i. Initial recognition and measurement

Financial assets within the scope of PAS 39 -- Financial Instruments: Recognition and Measurement are classified as financial assets at fair value through surplus or deficit, held-to-maturity investments, loans and receivables or available-for-sale financial assets, as appropriate. The District determines the classification of its financial assets at initial recognition.

Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the marketplace (regular way trades) are recognized on the trade date, i.e., the date that the District commits to purchase or sell the asset.

The District's financial assets include: cash and cash equivalents; trade and other trade receivables; and loans and other loans receivables.

#### ii. Subsequent measurement

The subsequent measurement of financial assets depends on their classification.

##### 1. Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. After initial measurement, such financial assets are subsequently measured at amortized cost using effective interest method, less impairment. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the effective interest rate. Losses arising from impairment are recognized in the surplus or deficit.

### b. Financial liabilities

#### i. Initial recognition and measurement

Financial liabilities within the scope of PAS 39 are classified as financial liabilities at fair value through surplus or deficit, or loans and borrowings, as appropriate. The entity determines the classification of its financial liabilities at initial recognition.

All financial liabilities are recognized initially at fair value and, in case of loans and borrowings, plus directly attributable transaction costs.

The District's financial liabilities include trade and other payables, loans and borrowings, financial guarantee contracts.

#### ii. Subsequent measurement

The measurement of financial liabilities depends on their classification.

## **1. Financial liabilities at fair value through surplus or deficit**

Financial liabilities at fair value through surplus or deficit include financial liabilities held for trading and financial liabilities designated upon initial recognition at fair value through surplus or deficit.

Financial liabilities are classified as held for trading if they are acquired for the purpose of selling in the near term.

This category includes derivative financial instruments entered into by the Group that are not designated as hedging instruments in hedge relationships as defined by PAS 39.

Gains or losses on liabilities held for trading are recognized in surplus or deficit.

## **2. Loans and Borrowings**

After initial recognition, interest bearing loans and borrowings are subsequently measured at amortized cost using effective interest method. Gains and losses are recognized in surplus or deficit when the liabilities are derecognized as well through the effective interest method amortization process.

Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are integral part of the effective interest rate.

### **iii. Derecognition**

A financial liability is derecognized when the obligation under the liability expires or is discharged or cancelled.

When an existing financial liability is replaced by another from the same lender on substantially different terms, the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognized in surplus or deficit.

### **3.3 Cash and Cash Equivalents**

Cash and cash equivalents comprise cash on hand and cash in bank, deposits on call and highly liquid investments with an original maturity of three months or less, which are readily convertible to known amounts of cash and are subject to insignificant risk of changes in value. For the purpose of the consolidated statement of cash flows, cash and cash equivalents consist of cash and short-term deposits as defined above, net of outstanding bank overdrafts.

### **3.4 Inventories**

Inventory is measured at cost upon initial recognition. To the extent that inventories are received through non-exchange transactions (for no cost or for a nominal cost), the cost of the inventory is its fair value at the date of acquisition.

Inventories are recognized as an expense when deployed for utilization or consumption in the ordinary course of operations of the District.

### **3.5 Property, Plant and Equipment**

#### **a. Recognition**

An item is recognized as property, plant, and equipment (PPE) if it meets the characteristics and recognition criteria as a PPE.

The characteristics of PPE are as follows:

- i. Tangible items;
- ii. Are held for use in the production or supply of goods and services, for rental to others, or for administrative purposes; and
- iii. Are expected to be used during more than one operating period.

An item of PPE is recognized as an asset if:

- i. It is probable that future economic benefits or service potential associated with the item will flow to the entity;
- ii. The cost or fair value of the item can be measured reliably; and
- iii. The cost is at least P 15,000.00.

#### **b. Measurement at recognition**

An item recognized as property, plant and equipment is measured at cost. A PPE acquired through non-exchange transaction is measured at fair value as at the date of acquisition.

The cost of the PPE is the cash price equivalent or, for PPE acquired through non-exchange transaction, its cost is its fair value as at recognition date.

Cost includes the following:

- i. Its purchase price, including import duties and non-refundable purchase taxes, after deducting trade discounts and rebates;
- ii. Expenditure that is directly attributable to the acquisition of the items; and
- iii. Initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, the obligation for which an entity incurs either when the item is acquired, or as a consequence of having used the item during a particular period for purposes other than to produce inventories during that period.

**c. Measurement after recognition**

After recognition, all PPE are stated at cost less accumulated depreciation and impairment losses.

When significant parts of PPE are required to be replaced at intervals, the District recognizes such parts as individual assets with specific useful lives and depreciates them accordingly. Likewise, when a major repair/replacement is done, its cost is recognized in the carrying amount of the PPE as a replacement if the recognition criteria are satisfied.

All other repair and maintenance costs are recognized as expense in surplus or deficit as incurred.

**d. Depreciation**

Each part of an item of PPE with a cost that is significant in relation to the total cost of the item is depreciated separately.

The depreciation charge for each period is recognized as expense unless it is included in the cost of another asset.

**i. Initial recognition of depreciation**

Depreciation of an asset begins when it is available for use such as when it is in the location and condition necessary for it to be capable of operating in the manner intended by management.

For simplicity and to avoid proportionate computation, the depreciation is for one month if the PPE is available for use on or before the 15<sup>th</sup> of the month. However, if the PPE is available for use after the 15<sup>th</sup> of the month, depreciation is for the succeeding month.

**ii. Depreciation method**

The straight line method of depreciation is adopted unless another method is more appropriate for entity operation.

**iii. Estimated useful life**

The District uses the life span of PPE prescribed by COA in determining the specific useful life for each asset based on its experience.

**iv. Residual value**

The District uses a residual value equivalent to at least five percent (5%) of the cost of the PPE.

**e. Impairment**

An asset's carrying amount is written down to its recoverable amount, or recoverable service amount, if the asset's carrying amount is greater than its estimated recoverable amount or recoverable service amount.



#### f. Derecognition

The District derecognizes items of PPE and/or any significant part of an asset upon disposal or when no future economic benefits or service potential is expected from its continuing use. Any gain or loss arising on the derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the surplus or deficit when the asset is derecognized.

### *3.6 Provisions, Contingent Liabilities & Contingent Assets*

#### a. Research and development costs

The Lianga Water District recognizes as expenses the research costs incurred. Development costs on an individual project are recognized as intangible assets when the district can demonstrate:

- i. The technical feasibility of completing the asset so that the asset will be available for use or sale
- ii. Its intention to complete and its ability to use or sell the asset
- iii. How the asset will generate future economic benefits or service potential
- iv. The availability of resources to complete the asset
- v. The ability to measure reliably the expenditure during the development

Following initial recognition, intangible assets are carried at cost less any accumulated amortization and accumulated impairment losses.

Amortization of the asset begins when development is complete and the asset is available for use.

It is amortized over the period of expected future benefit.

During the period of development, the asset is tested for impairment annually with any impairment losses recognized immediately in surplus or deficit.

### *3.7 Changes in Accounting Policies and Estimates*

The District recognizes the effects of changes in accounting policy retrospectively. The effects of changes in accounting policy are applied prospectively if retrospective application is impractical.

The district recognizes the effects of changes in accounting estimates prospectively through surplus or deficit.

The district corrects material prior period errors retrospectively in the first set of financial statements authorized for issue after their discovery by:

- a. Restating the comparative amounts for prior period(s) presented in which the error occurred; or

- b. If the error occurred before the earliest prior period presented, restating the opening balances of assets, liabilities and net assets/equity for the earliest prior period presented.

### *3.8 Revenue from Non-exchange Transactions*

- a. **Recognition and measurement of assets from non-exchange transactions**

An inflow of resources from a non-exchange transaction, other than services in-kind, that meets the definition of an asset are recognized as an asset if the following criteria are met:

- i. It is probable that the future economic benefits or service potential associated with the asset will flow to the entity; and
- ii. The fair value of the asset can be measured reliably.

An asset acquired through a non-exchange transaction is initially measured at its fair value as at the date of acquisition.

- b. **Recognition of revenue from non-exchange transactions**

An inflow of resources from non-exchange transaction recognized as an asset is recognized as revenue, except to the extent that a liability is also recognized in respect of the same inflow.

As the district satisfies a present obligation recognized as a liability in respect of an inflow of resources from a non-exchange transaction recognized as an asset, it reduces the carrying amount of the liability recognized and recognizes an amount of revenue equal to that reduction.

- c. **Measurement of revenue from non-exchange transactions**

Revenue from non-exchange transactions is measured at the amount of the increase in net assets recognized by the entity, unless corresponding liability is recognized.

- d. **Measurement of liabilities on initial recognition from non-exchange transactions**

The amount recognized as liability in non-exchange transaction is the best estimate of the amount required to settle the present obligation at the reporting date.

- e. **Taxes**

Taxes and related fines and penalties are recognized when collected or when these are measurable and legally collectible. The related refunds, including those that are measurable and legally collectible, are deducted from the recognized tax revenue

- f. **Fees and fines not related to taxes**

The District recognizes revenue from fees and fines, except those related to taxes, when earned and the asset recognition criteria are met. Deferred

income is recognized instead of revenue if there is a related condition attached that would give rise to a liability to repay the amount.

Other non-exchange revenue is recognized when it is probable that the future economic benefits or service potential associated with the asset will flow to the entity and the fair value of the asset can be measured reliably.

**g. Gifts and donations**

The District recognizes assets and revenue from gifts and donations when it is probable that the future economic benefits or service potential will flow to the entity and the fair value of the assets can be measured reliably.

Goods in-kind are recognized as assets when the goods are received, or there is a binding arrangement to receive the goods. If the goods in-kind are received without conditions attached, revenue is recognized immediately. If conditions are attached, a liability is recognized, which is reduced and revenue recognized as the conditions are satisfied.

On initial recognition, gifts and donations including goods in-kind are measured at their fair value as at the date of acquisition, which are ascertained by reference to an active market, or by appraisal. An appraisal of the value of an asset is normally undertaken by a member of the valuation profession who holds a recognized and relevant professional qualification. For many assets, the fair values are ascertained by reference to quoted prices in an active and liquid market.

**h. Transfers**

The District recognizes an asset in respect of transfers when the transferred resources meet the definition of an asset and satisfy the criteria for recognition as an asset, except those arising from services in-kind.

**i. Services in-kind**

Services in-kind are not recognized as asset and revenue considering the complexity of the determination of and recognition of asset and revenue and the eventual recognition of expenses.

**j. Transfers from other government entities**

Revenue from non-exchange transactions with other government entities and the related assets are measured at fair value and recognized on obtaining control of the asset (cash, goods, services and property) if the transfer is free from conditions and it is probable that the economic benefits or service potential related to the asset will flow to the District and can be measured reliably.

**3.9 Revenue from Exchange Transactions**

**a. Measurement of revenue**

Revenue is measured at the fair value of the consideration received or receivable.

**b. Rendering of services**

The District recognizes revenue from rendering of services by reference to the stage of completion when the outcome of the transaction can be estimated reliably. The stage of completion is measured by reference to labor hours incurred to date as a percentage of total estimated labor hours.

Where the contract outcome cannot be measured reliably, revenue is recognized only to the extent that the expenses incurred are recoverable.

**c. Sale of goods**

Revenue from the sale of goods is recognized when the significant risks and rewards of ownership have been transferred to the buyer, usually on delivery of the goods and when the amount of revenue can be measured reliably and it is probable that the economic benefits or service potential associated with the transaction will flow to the District.

**d. Interest Income**

Interest income is accrued using the effective yield method. The effective yield discounts estimated future cash receipts through the expected life of the financial asset to that asset's net carrying amount. The method applies this yield to the principal outstanding to determine interest income each period.

***3.10 Budget Information***

The annual budget is prepared on a cash basis and is published in the government website.

The annual budget figures included in the financial statements are for the controlling entity of the District. These budget figures are those approved by the governing body both at the beginning and during the year following a period of consultation with the public.

***3.11 Related Parties***

The District regards a related party as a person or an entity with the ability to exert control individually or jointly, or to exercise significant influence over the district, or vice versa.

Members of key management are regarded as related parties and comprise the members of the Planning and Management Committee of the District.

***3.12 Borrowing Costs***

For loans borrowed directly by the District, the allowed alternative treatment is used.

***3.13 Employee Benefits***

The employees of the District are member of the Government Service Insurance System (GSIS), which provides life and retirement insurance coverage.

The District recognizes the undiscounted amount of short term employee benefits, like salaries, wages, bonuses, allowance, etc., as expense unless capitalized, and as a liability after deducting the amount paid.

### *3.14 Measurement Uncertainty*

The preparation of financial statements in conformity with PFRS requires management to make estimates and assumptions that affect the reporting amounts of assets and liabilities, and disclosure of contingent assets and liabilities, at the date of the financial statements and the reported amounts of the revenue and expenses during the period. Items requiring the use of significant estimates includes estimated useful life of capital asset, estimated employee benefits, rates of amortization, and impairment of assets.

## **Note 4. CHANGES IN ACCOUNTING POLICIES**

### **4.1 Adoption of PAS No. 16 Property, Plant and Equipment**

On December 31, 2018, the District adopted PAS No. 16 Property, Plant and Equipment. The new standard includes the Requirement for recognition, measurement, presentation and disclosure of Property, Plant and Equipment specially for resolving its issues on the depreciation charges and impairment losses in Relation to the assets and is effective for years beginning on or after December 31, 2018. This accounting change has significant impact of the District's financial statements.

## **Note 5. PRIOR PERIOD ADJUSTMENTS**

### *5.1 Prior Period Error/Retained Earnings*

Adjustment of prior period errors of the expenses payable to CY 2018 Of the one (1) unit brand new Light ECO-FW20 Generator Set (LICH INDUSTRIAL CORP.) per JEV No. 2019-07- dated on July 31, 2019.	-385,000.00
Adjusting entry due to erroneous recording of amount per record dated October 2, 2014, January 7, 2015, March 18, 2016, June 6 & 14, 2016, September 9, 2016, December 16, 2016, May 29, 2017, August 22, 2017, January 24, 2018 December 20, 2018, April 5 & 29, 2019 and July 11, 2019.	-22.83
Adjusting entry due to erroneous issued of cheque per JEV No. 2020-02-181 dated February 19, 2020	-0.60
Reclassification of accounts from other receivables to retained earnings for the unrecorded penalty from the bank (LBP) - insufficient fund of disbursement on December 2019 that was already refunded on February 2020.	-8,200.00
Adjustment of accounts due to error in recognizing expenses that was recorder to gasoline in the month of November CY 2019.	-0.80
Adjustments of accounts payable for the expenses recorded to Jhaycor Industries instead to Tagbina WD - subsequently double recording the same in diff. Journal Entry to Tagbina WD.	-39,974.00
adjustment due to erroneous entry of accounts from Retained Earnings/ (Deficit) that should be Cash in Bank-Local Currency, Current Account with JEV No. 2020-08-1288 dated August 25, 2020.	-550.00
adjustment due to erroneous entry of accounts from Retained Earnings/ (Deficit) that should be Cash in Bank-Local Currency,	-89.29

Current Account per JEV No. 2019-06-843 dated June 25, 2020.	
Adjustment due to error in recording of amount disbursement from General Ledger (Cash in Bank-Local Currency, Current Account) amounting of 2,212,088.60 that should be 2,212,088.56 in the month of December CY 2018.	-0.04
adjustment of unreconciled deposit for the year 2013-EBI Lianga	-122.66
Adjustment for the year 2013-EBI Lianga.	-1,084.53
adjustment from General Ledger-2018	-13,359.07
erroneous posting of interest income from Land Bank of the Philippines per pass book No. 0971-0789-52 (July-Dec 2015) which was recorded 466.10 that should be 530.10 per JEV No.2015-12-2210.	-64.00
Adjusting entry of accounts due to error in recording of interest income from Land Bank of the Philippines per pass book No. 0971-0789-52 for the month from August to December CY 2019.	61.67
Adjusting entry of accounts due to unrecorded payment of accounts to Mactan Rocks for the month of August 1-31, 2017.	134,943.34
adjusting entry due to erroneous recording of amount per record dated August 22, 2014, February 25, 2015, March 9, 2015, May 7, 2015, July 7, 2015, March 13, 2017, May 29, 2017, November 16, 2017 and December 21 & 27, 2018.	410.25
adjustment for a paid advanced payment for a room accommodation at Mountain Lodge and Restaurant for GM during the PAWD Convergence in Baguio City on July 24-27, 2018 per JEV No. 2018-07-899 dated on 03/07/2018 and the actual payment per JEV No. 2018-07-970 dated on 31/07/2018.	2,945.00
Adjustment for an advanced payment of LIWAD telephone bill per JEV No. 2019-08-1082 dated on August 16, 2019 that was not credited in the following payment.	30.00
Adjusting entry of accounts due to erroneous posting of the amount from General ledger (traveling Expenses-local) amounting of 20,803.00 that should be 20,253.00 (recapitulation) in the month of JULY 2020.	550.00
Reversing entry of accounts due to error in posting dated May 31, 2015.	4,246.58
Reversing entry of accounts due to error in posting dated May 31, 2015.	3,043.70
Adjusting entry due to erroneous issued of cheque per JEV No. 2020-02-181 dated February 19, 2020.	0.60
Reclassification of accounts for the inventory that have been already used as expenses.	420.00
Reclassification of accounts that should have been recognize to expenses for the prior year's transactions.	3,860.00
Reversing entry of accounts due to error of recognizing of other receivables per JEV No. 2020-06-920 dated June 30, 2020.	8,200.00
adjustment due to the same ADA presented for the month of October 30, 2015 and February 17, 2016 (No attachment yet)	4,636.05
Adjustment due to the deduction of the bank per CA DM ORDINARY dated February 25, 2015 in the bank.	50.00
Adjustment due to error in validating of cash deposit in Land Bank of the Philippines dated December 23, 2014 per amount of 12,868.20 that should be 12,868.28.	0.08
Reversing entry of account-adjustment for the year 2013 per JEV No.2020-10-1647.	1,084.53
Adjustment for the year 2013-EBI-Lianga.	1,084.53
erroneous posting of interest income from Land Bank of the	1,152.56

Philippines per pass book No. 0971-0789-52 (Jan-Dec 2018 ) which was recorded 2,306.63 that should be 1,154.07 per JEV No.2018-12-1789	
Adjusting entry-2014 deficiency.	323.39
Adjustment due to the deduction of the bank per CA DM ORDINARY dated December 23, 2020.	64,594.95
Actual earned leave balances of all employees as at year-end December 2020.	4,646,488.62

**Note 6. CASH AND CASH EQUIVALENTS**

Particulars	As at December 31, 2020	As at December 31, 2019
	(in thousand pesos)	
Cash Collecting Officer	37,268.79	73,052.87
Cash in Bank-LC CA	(54,863.03)	222,316.40
Cash in Bank-Retirement Fund	1,540,868.48	718,024.33
<b>Total Cash and Cash Equivalents</b>	<b>1,523,274.24</b>	<b>1,013,393.60</b>

The negative P(54,863.03) balance from the LBP Current account of the District is due to the Debit Memo from the Bank that decreases the balance amounting of P64,594.95 dated on December 23, 2020. Somehow, a misinterpretation from the bank that the check – payment of LGU Lianga – for their water bills is wrong. But furthered clarification of our personnel to the LGU treasury, it is with correct and the same amount stated on the check and with its accountant's advice form. Furthermore, there are no penalties issued as to this matter and on January, the following year, this was already corrected by the bank.

*\*As written in the bank statement on December 2020;*

<u>Date</u>	<u>Particular</u>	<u>Amount</u>
23 Dec 2020	DM-ORDINARY	64,594.95

**Note 7. RECEIVABLES**

This account refers to dues from concessionaires for water services rendered. Accounts receivable is recognized every month on the billing summary submitted by the Commercial Section and subsequently credited upon collection of the amounts dues.

	2020	2019
Accounts Receivable, beginning	4,069,274.08	4,047,875.65
Total Billed	24,324,153.17	20,365,154.01
Total Collections	(23,993,808.08)	(19,666,869.63)
Adjustments	(294,373.35)	(226,503.66)
<i>Accounts Receivable, ending</i>	<i>4,105,245.82</i>	<i>4,069,274.08</i>
Other Receivables		
-Unpaid Materials		60,044.32
-Records damaged by termites	120,567.59	70,580.00
-Disallowance of the District's Job Order employees	15,675.50	15,675.50
-Accounts receivables from concessionaires	4,890.64	15,983.91
Total	141,133.73	162,283.73
Allowance for Doubtful Accounts	(110,657.45)	(14,884.45)
Total	30,476.28	147,399.28

<i>Grand Total of Receivables</i>	<b>4,135,722.10</b>	<b>4,216,673.36</b>

### Note 8. INVENTORIES

Accounts	2020 (in thousand pesos)		2019 (in thousand pesos)	
	Inventories carried at the lower of cost and net realizable value	Inventories carried at fair value less cost to sell	Inventories carried at the lower of cost and net realizable value	Inventories carried at fair value less cost to sell
<b>Inventory Held for Distribution</b>				
Carrying Amount, January 1	654,916.74		475,649.31	
Additions/Acquisitions during the year	975,418.40		1,074,343.94	
Expensed during the year except write-down	1,064,486.36		895,076.51	
Write-down during the year				
Reversal of Write-down during the year				
<b>Carrying Amount, December 31</b>	<b>565,848.78</b>		<b>654,916.74</b>	
<b>Inventory Held for Consumption</b>				
Carrying Amount, January 1	1,032,234.83		904,874.26	
Additions/Acquisitions during the year	1,204,484.81		1,262,734.81	
Expensed during the year except write-down	1,966,756.62		1,135,374.24	
Write-down during the year				
Reversal of Write-down during the year				
<b>Carrying Amount, December 31</b>	<b>269,963.02</b>		<b>1,032,234.83</b>	
<b>Semi-Expendable Machinery and Equipment</b>				
Carrying Amount, January 1	-			
Additions/Acquisitions during the year	1,222,112.65			
Expensed during the year except write-down				
Write-down during the year				
Reversal of Write-down during the year				
<b>Carrying Amount, December 31</b>	<b>1,222,112.65</b>			
<b>Semi-Expendable Medical Equipment</b>				
Carrying Amount, January 1			2,878.00	
Additions/Acquisitions during the year			-	
Expensed during the year except write-down			-	
Write-down during the year				
Reversal of Write-down during the year				
<b>Carrying Amount, December 31</b>			<b>2,878.00</b>	
<b>Semi-Expendable Furniture, Fixtures and Book</b>				
Carrying Amount, January 1	3,860.00		3,860.00	
Additions/Acquisitions during the year			-	
Expensed during the year except write-down			-	
Write-down during the year	1,000.00			
Reversal of Write-down during the year				
<b>Carrying Amount, December 31</b>	<b>2,860.00</b>		<b>3,860.00</b>	
<b>Total Carrying Amount, December 31</b>	<b>2,060,784.45</b>		<b>1,693,889.57</b>	

### Note 9. PREPAYMENTS

Particulars	2020	2019
Other Prepaid Expenses	6,100.00	6,100.00
Other Prepayments	-	2,945.00
<b>Total</b>	<b>6,100.00</b>	<b>9,045.00</b>



Advance payments in the amount of P6, 100.00 to Mr. Salanga for repair of LIWAD Service vehicle in year 2,000.00 charged to his water bill. And the amount of 2,945.00 is due to unadjusted prepayment of an advance payment for one (1) room accommodation of GM during the PAWD Convergence in Baguio City on July 24-27, 2018 – paid to Mountain Lodge and Restaurant per disbursement voucher No. 2018-07-487 dated on July 3, 2018.

#### Note 10. PROPERTY, PLANT AND EQUIPMENT

As at December 31, 2020

	Land	Land Improvements	Infrastructure Assets	Buildings and Other Structures	Machinery and Equipment	Total
Gross Cost (Asset Account Balance per Statement of Financial Position)	31,500.00		46,002,273.55	295,866.03	8,945,480.16	55,275,119.74
Accumulated Depreciation			23,670,009.04	150,891.68	4,562,194.88	28,383,095.60
Accumulated Impairment Losses		-	-	-	-	-
Carrying Amount, December 31, 2019 (As per Statement of Financial Position)	31,500.00	-	22,332,264.51	144,974.35	4,383,285.28	26,892,024.14

Account Titles	Cost
CIP-Agency Assets	485,832.80
Development in Progress – Computer Software	320,000.00
<b>Total CIP</b>	<b>805,832.80</b>

#### Note 11. Restricted Fund

Cash in Bank - Joint Savings (with LWUA)

2020	2019
1,091,437.09	1,2492,202.00

The decrease in balance of the Joint Savings account was due to a fund transfer as per Board resolution no. 22 Series of 2020, as stated; requesting LWUA in allowing the District to withdraw P645,668.00 in order to pay the two (2) months LWUA-loan amortization under MFTA approval dated on April 27, 2020.

#### Note 12. FINANCIAL LIABILITIES

##### 12.1 Payables

Particulars	2020		2019	
	Current	Non-Current	Current	Non-Current
Accounts Payable	256,311.27		699,970.23	1,655,491.25
Due to Officers and Employees	54,955.09		325,365.56	
Loans Payable	3,874,008.00	40,333,254.69	-	48,081,270.69
<b>Total</b>			<b>1,025,335.79</b>	<b>1,655,491.25</b>

The Loans Payable is measured at amortized cost.

**Note 13. INTER-AGENCY PAYABLES**

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Due to BIR	837,772.23	865,439.90
Due to GSIS	83,558.14	119,689.76
Due to PAG-IBIG	116,481.10	137,261.77
Due to Phil HEALTH	56,882.57	52,450.76
Due to SSS	16,260.00	17,186.74
<b>Total</b>	<b>1,110,954.04</b>	<b>1,192,028.93</b>

Due to BIR account is solely due to the unreconciled amount for settlement of tax withheld from suppliers that were long bankrupted and others. On CY 2018, the District had also started its scheduled reconciliation for some of the unreconciled items but has not considered concluding its findings. For the following year (CY 2021) the District will continue its reconciliations.

**Note 14. TRUST LIABILITIES**

*14.1 Guaranty Deposits*

<u>Particular</u>	<u>2020</u>	<u>2019</u>
Guaranty Deposits Payable	117,408.00	117,408.00
<b>Total</b>	<b>117,408.00</b>	<b>117,408.00</b>

Some of the Customer's Deposit/Guaranty Deposits Payable of the Distrite's concessionaires has been found due to an effort of its personnel. But, unfortunately, most of the records still can't be accounted due to the main reason of lost and records being damaged.

**Note 15. DEFERRED DREDITS (SPECIAL DEPOSITS)**

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Other Deferred Credits-Special Deposits	-	1,040,769.34
<b>Total</b>	<b>-</b>	<b>1,040,769.34</b>

Is the difference from recognizing Income for the 3<sup>rd</sup> (last) year of prior period adjustments/unrecorded income and expenses - grant of subsidy - for the completed project of Supply, Delivery, Installation, Testing and Commission of Modular Water Filtration Treatment Facilities (2019-2020) amounting to P1,040,769.34 for CY 2020.

**Note 16. OTHER PAYABLES**

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Other Payables	493,691.38	493,691.38
<b>Total</b>	<b>493,691.38</b>	<b>493,691.38</b>

**Note 17. SERVICE, BUSINESS INCOME and OTHER-NON  
OPERATING INCOME**

Particulars	2020	2019
<i>Income from Water Works</i>	23,355,456.48	21,510,914.07
Service Income:		
Fines and Penalties-Service Income	675,306.61	715,700.15
Other Service Income	301,381.79	403,561.02
<i>Total Service Income</i>	976,688.40	1,119,261.17
Business Income:		
Other Business Income	17,120.00	16,915.80
Interest Income	761.72	1,742.73
<i>Total Business Income</i>	17,881.72	18,658.53
<b>Total</b>	<b>24,350,026.60</b>	<b>22,648,833.77</b>

Particulars	2020	2019
Miscellaneous Income	47,945.57	51,053.89
<b>Total</b>	<b>47,945.57</b>	<b>51,053.89</b>

**Note 18. SHARES, GRANTS AND DONATIONS**

Particular	2020	2019
Subsidy from National Government	1,040,769.34	1,040,769.33
<b>Total</b>	<b>1,040,769.34</b>	<b>1,040,769.33</b>

**TOTAL INCOME** 25,438,741.51    23,740,656.99

**Note 19. PERSONNEL SERVICES**

*19.1 Salaries and Wages*

Particulars	2020	2019
Salaries and Wages-Regular	4,774,934.45	4,504,793.70
Salaries and Wages-Casual/Contractual	1,628,340.21	936,916.32
<b>Total</b>	<b>6,403,274.66</b>	<b>5,441,710.02</b>

*19.2 Other Compensation*

Particulars	2020	2019
Personnel Economic Relief Allowance (PERA)	606,000.00	522,000.00
Representation Allowance (RA)	65,000.00	54,090.86
Transportation Allowance (TA)	65,000.00	54,090.86
Clothing/Uniform Allowance	150,000.00	120,000.00
Productivity Incentives Allowance	418,593.32	433,240.10
Honoraria	387,030.00	495,322.54
Longevity Pay	-	10,000.00
Overtime and Night Pay	7,035.62	15,343.20
Year End Bonus	524,575.68	459,503.94
Cash Gift	125,000.00	115,000.00
Mid-Year Bonus	502,274.62	418,937.36
<b>Total</b>	<b>2,850,509.24</b>	<b>2,697,528.86</b>

*19.3 Personnel Benefits Contributions*

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Retirement and Life Insurance Premiums	734,041.51	634,897.95
Pag-IBIG Contributions	30,300.00	26,100.00
Phil HEALTH Contribution	85,499.61	63,990.77
Employees Compensation Insurance Premiums	30,300.00	26,100.00
<b>Total</b>	<b>880,141.12</b>	<b>751,088.72</b>

*19.4 Other Personnel*

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Retirement Benefits - Civilian	-	166,814.94
Other Personnel Benefits	600,917.70	820,218.84
<b>Total</b>	<b>600,917.70</b>	<b>987,033.78</b>

Part of the Other Personnel Benefits account is the LIWAD-Employees Association's C N A CY 2020.

TOTAL PERSONNEL SERVICES                      11,216,353.97    9,877,361.38

**Note 20. MAINTENANCE AND OTHER OPERATING EXPENSES**

*20.1 Traveling Expenses*

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Traveling Expenses-Local	263,859.56	486,403.53
<b>Total</b>	<b>263,859.56</b>	<b>486,403.53</b>

*20.2 Training and Scholarship Expenses*

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Training Expenses	115,603.01	569,732.49
<b>Total</b>	<b>115,603.01</b>	<b>569,732.49</b>

*20.3 Supplies and Materials Expenses*

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Office Supplies Expenses	146,472.76	98,607.82
Accountable Forms Expenses	85,000.00	76,550.00
Drugs and Medicines Expenses	21,252.00	3,537.00
Fuel, Oil and Lubricants Expenses	174,484.25	275,872.83
Chemical and Filtering Supplies Expenses	786,572.26	433,801.48
<b>Total</b>	<b>1,213,781.27</b>	<b>888,369.13</b>

#### 20.4 Utility Expenses

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Water Expenses	-	-
Electricity Expenses	181,307.81	605,515.79
Other Utility Expenses	2,522.00	-
<b>Total</b>	<b>183,829.81</b>	<b>605,515.79</b>

#### 20.5 Communication Expenses

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Postage and Courier Services	11,285.00	12,621.25
Telephone Expenses	60,363.94	63,007.80
Internet Subscription Expenses	16,800.00	13,407.00
Cable, Satellite, Telegraph and Radio Expenses	6,175.64	6,788.64
<b>Total</b>	<b>94,624.58</b>	<b>95,824.69</b>

#### 20.6 Survey, Research, Exploration and Development Expenses

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Survey Expenses	119,900.00	92,520.00
<b>Total</b>	<b>119,900.00</b>	<b>92,520.00</b>

#### 20.6 Confidential, Intelligence and Extraordinary Expenses

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Extraordinary and Miscellaneous Expenses	79,660.31	309,821.78
<b>Total</b>	<b>79,660.31</b>	<b>309,821.78</b>

#### 20.7 Professional Services

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Legal Services	17,750.00	24,250.00
Auditing Services	-	108,751.87
<b>Total</b>	<b>17,750.00</b>	<b>133,001.87</b>

#### 20.8 General Services

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Security Services	287,500.00	300,000.00
Other General Services	745,148.50	1,000,000.00
<b>Total</b>	<b>1,032,648.50</b>	<b>1,300,000.00</b>

20.9 Repairs and Maintenance

Particulars	2020	2019
Repairs and Maintenance-Infrastructure Assets	657,329.37	794,117.29
Repairs and Maintenance-Machinery and Equipment (office equipment)	38,645.00	5,400.00
Repairs and Maintenance-Transportation Equipment	88,185.00	45,351.60
Repairs and Maintenance-Furniture and Fixtures	-	-
Repairs and Maintenance-Semi-Expendable Furniture, Fixtures and Books (IT)	-	35,701.00
Repairs and Maintenance-Other Property, Plant and Equipment	28,440.00	-
Repairs and Maintenance-Semi-Expendable Furniture, Fixtures and Books	7,850.00	-
<b>Total</b>	<b>820,449.37</b>	<b>880,569.89</b>

20.10 Taxes, Insurance Premiums and Other Fees

Particulars	2020	2019
Taxes, Duties and Licenses	469,847.42	428,310.22
Fidelity Bond Premiums	23,043.75	48,750.00
Insurance Expenses	15,261.17	26,416.51
<b>Total</b>	<b>508,152.34</b>	<b>503,476.73</b>

20.11 Other Maintenance and Operating Expenses

Particulars	2020	2019
Awards/Rewards Expenses	-	18,400.00
Advertising, Promotional & Marketing Expenses	-	8,000.00
Printing and Publication Expenses	122,400.00	110,600.00
Representation Expenses	20,941.00	21,980.60
Transportation and Delivery Expenses	-	-
Rent/Lease Expenses	148,188.96	256,300.32
Membership Dues & Contributions to Organization	10,028.00	28,175.25
Donations	26,500.00	28,450.00
Other Maintenance and Operating Expenses	377,366.24	558,678.55
<b>Total</b>	<b>705,424.20</b>	<b>1,123,104.72</b>

TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES		<b>6,895,820.62</b>
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Note 21. FINANCIAL EXPENSES

Particulars	2020	2019
Interest Expenses	-	-
Bank Charges	563.29	1,288.55
Other Financial Charges	8,200.00	-
<b>Total</b>	<b>8,763.29</b>	<b>1,288.55</b>

**Note 22. NON-CASH EXPENSES**

<u>Particulars</u>	<u>2020</u>	<u>2019</u>
Depreciation-Buildings and Other Structures	1,722,691.15	1,565,670.72
Depreciation-Machinery and Equipment	236,917.44	288,155.89
Depreciation-Transportation Equipment	52,375.32	52,375.32
Depreciation-Furniture, Fixtures and Books	803,862.75	775,513.16
Depreciation-Leased Assets Improvements	70,278.00	70,278.00
Impairment Loss – Loans and Receivables	95,773.00	-
<b>Total</b>	<b>2,981,897.66</b>	<b>2,691,993.09</b>

**NOTE 23. RELATED PARTY TRANSACTIONS***23.1 Key Management Personnel*

The key management personnel of the District are the General Manager and the members of the Board. The governing body consists of members appointed by the Mayor of Lianga, Surigao del Sur and reviewed and confirmed by LWUA.

*23.2 Key Management Personnel Compensation*

The aggregate remuneration of members of the governing body and the number of members determined on a fulltime equivalent basis receiving remuneration within this category are:

<u>Particulars</u>	<u>Aggregate Remuneration</u>
Salaries and Wages	1,143,396.00
Other Compensation	505,958.00
Personnel Benefits Contribution	80,120.00
Other Personnel Benefits	181,058.65
Director's & Committee Members' Fees	161,971.20
<b>Total</b>	<b>2,072,503.85</b>

# Annex F

## LIANGA WATER DISTRICT LWUA LOAN PAYMENTS CY 2020

Date	Reference		Official Receipt		Amount
	Check No.	DV No.	O.R. No.	Date	
January 31, 2020	2030953	DV No. 2020-01-050	48187	1/31/2020	290,000.00
	2030954	DV No. 2020-01-051	48189	1/31/2020	27,630.00
	2030955	DV No. 2020-01-052	48188	1/31/2020	5,204.00
February 28, 2020	2030956	DV No. 2020-02-109	48817	2/28/2020	290,000.00
	2030957	DV No. 2020-02-110	48818	2/28/2020	27,630.00
	2030959	DV No. 2020-02-111	48816	2/28/2020	5,204.00
June 30, 2020	2030960	DV No. 2020-06-295	51361	8/27/2020	290,000.00
	2030961	DV No. 2020-06-296	51369	8/27/2020	27,630.00
	2030962	DV No. 2020-06-297	51365	8/27/2020	5,204.00
June 30, 2020	2030963	DV No. 2020-06-329	51362	8/27/2020	290,000.00
	2030964	DV No. 2020-06-330	51370	8/27/2020	27,630.00
	2030965	DV No. 2020-06-331	51366	8/27/2020	5,204.00
July 31, 2020	2030966	DV No. 2020-07-395	51363	8/27/2020	290,000.00
	2030967	DV No. 2020-07-396	51371	8/27/2020	27,630.00
	2030968	DV No. 2020-07-397	51367	8/27/2020	5,204.00
July 31, 2020	2030969	DV No. 2020-07-398	51364	8/27/2020	290,000.00
	2030970	DV No. 2020-07-399	51372	8/27/2020	27,630.00
	2030971	DV No. 2020-07-400	51368	8/27/2020	5,204.00
September 22, 2020	2030973	DV No. 2020-09-503-A	51882	9/21/2020	290,000.00
	2030972	DV No. 2020-09-504	51880	9/21/2020	27,630.00
	2030974	DV No. 2020-09-505	51881	9/21/2020	5,204.00
September 22, 2020	2030975	DV No. 2020-09-506	51906	9/21/2020	290,000.00
	2030976	DV No. 2020-09-507	51883	9/21/2020	27,630.00
	2030977	DV No. 2020-09-508	51884	9/21/2020	5,204.00
September 30, 2020	2030978	DV No. 2020-09-529	52058	10/01/2020	290,000.00
	2030979	DV No. 2020-09-530	52056	10/01/2020	27,630.00
	2030980	DV No. 2020-09-531	52059	10/01/2020	5,204.00
October 30, 2020	2030981	DV No. 2020-10-596-A	52604	10/30/2020	290,000.00
	2030982	DV No. 2020-10-597	52606	10/30/2020	27,630.00
	2030983	DV No. 2020-10-598	52605	10/30/2020	5,204.00
November 27, 2020	2030984	DV No. 2020-11-666	53177	12/01/2020	290,000.00
	2030985	DV No. 2020-11-667	53179	12/01/2020	27,630.00
	2030986	DV No. 2020-11-668	53178	12/01/2020	5,204.00
December 30, 2020	2030988	DV No. 2020-12-732	53690	01/04/2021	290,000.00
	2030989	DV No. 2020-12-733	53691	01/04/2021	27,630.00
	2030990	DV No. 2020-12-734	53692	01/04/2021	5,204.00
TOTAL					3,874,008.00



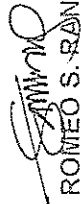
Republic of the Philippines  
 LIANGA WATER DISTRICT  
 Annex A, Market Mall, Lianga, Surigao del Sur

## MONTHLY PRODUCTION REPORT SUMMARY CY 2020


*This Month Computation*

Month	Water Production	Metered Billed	Metered Unbilled	Unmetered Unbilled	NRW (This Month)	No. of Concessionaires Billed
January	71,788	57,697	777	2,378	19.63%	3,464
February	66,223	52,205	618	2,646	21.16%	3,497
March	65,490	50,895	722	3,128	22.28%	3,504
April	70,500	54,011	1,917	3,835	23.39%	3,505
May	68,561	54,600	694	2,074	20.36%	3,514
June	70,800	56,377	692	3,536	20.37%	3,520
July	71,630	56,406	723	3,113	21.25%	3,535
August	74,100	58,600	696	3,258	20.91%	3,533
September	71,920	56,655	723	2,449	21.22%	3,549
October	72,246	57,170	703	2,782	20.87%	3,549
November	75,295	60,104	722	1,644	20.18%	3,567
December	71,159	56,333	862	2,859	20.84%	3,581
<b>TOTAL</b>	<b>849,712</b>	<b>671,053</b>	<b>9,849</b>	<b>33,702</b>		


Prepared By:

  
ROMEO S. RANARA  
 Water Utilities Development Officer B

Checked By:

  
GEMMA P. DORAJA  
 Administrative General Service Officer B

Approved By:

  
WILFREDO/G. SANCHEZ  
 General Manager D

SERVICE CONNECTION GROWTH

For the Month of January 2020

Annex H

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	207	213	6	2709	3251	542	94,364.35	113,483.45	19,119.10	4,199.32	3,825.56	-373.76	98,563.67	117,309.01	18,745.34
Book 2	190	195	5	3833	3991	158	159,951.00	163,121.00	3,170.00	3,129.40	2,482.73	-646.67	163,080.40	165,603.73	2,523.33
Book 3	154	156	2	2614	2870	256	96,057.80	107,107.30	11,049.50	2,464.94	2,223.83	-241.11	98,522.74	109,331.13	10,808.39
<b>ZONE II</b>															
Book 1	187	195	8	3828	3749	(79)	168,058.50	158,554.55	-9,503.95	4,853.80	4,684.27	-169.53	172,912.30	163,238.82	-9,673.48
Book 2	114	115	1	2426	2671	245	107,716.35	114,766.55	7,050.20	1,860.61	2,097.32	236.71	109,576.96	116,863.87	7,286.91
<b>ZONE III</b>															
Book 1	175	174	(1)	2796	3246	450	103,232.45	115,900.95	12,668.50	2,589.34	3,417.65	828.31	105,821.79	119,318.60	13,496.81
Book 2	157	161	4	3089	3621	532	137,486.45	157,334.50	19,848.05	3,242.31	3,749.64	507.33	140,728.76	161,084.14	20,355.38
Book 3	177	202	25	2418	3132	714	80,717.40	104,924.50	24,207.10	3,222.77	3,756.15	533.38	83,940.17	108,680.65	24,740.48
<b>ZONE IV</b>															
Book 1	191	191	0	2671	3135	464	85,644.00	99,812.25	14,168.25	3,238.90	3,884.99	646.09	88,882.90	103,697.24	14,814.34
Book 2	184	186	2	2691	3220	529	87,384.70	103,294.90	15,910.20	3,405.81	4,372.84	967.03	90,790.51	107,667.74	16,877.23
Book 3	187	188	1	2376	3143	767	81,275.45	109,220.80	27,945.35	2,583.79	3,487.96	904.17	83,859.24	112,708.76	28,849.52
<b>ZONE V</b>															
Book 1	158	163	5	1930	2427	497	65,961.15	80,818.70	14,857.55	2,055.47	3,098.28	1,042.81	68,016.62	83,916.98	15,900.36
Book 2	178	184	6	2111	2521	410	67,225.05	78,455.30	11,230.25	3,109.36	3,513.65	404.29	70,334.41	81,968.95	11,634.54
<b>ZONE VI</b>															
Book 1	146	149	3	1691	2185	494	57,599.50	74,309.50	16,710.00	1,244.06	1,452.02	207.96	58,843.56	75,761.52	16,917.96
Book 2	167	167	0	2236	2721	485	76,952.85	94,227.35	17,274.50	3,616.77	3,141.83	-474.94	80,569.62	97,369.18	16,799.56
Book 3	170	187	17	2448	2526	78	82,018.70	86,378.30	4,359.60	1,601.29	2,289.85	688.56	83,619.99	88,668.15	5,048.16
<b>ZONE VII</b>															
Book 1	183	196	13	2628	2902	274	87,856.25	97,410.40	9,554.15	2,003.29	2,555.36	552.07	89,859.54	99,965.76	10,106.22
Book 2															
<b>ZONE VIII</b>															
Book 1	158	162	4	1924	2136	212	63,254.75	68,780.20	5,525.45	3,360.90	3,175.95	-184.95	66,615.65	71,956.15	5,340.50
Book 2															
<b>ZONE IX</b>															
Book 1	150	156	6	2139	2335	196	71,029.05	75,902.55	4,873.50	2,798.01	2,433.20	-364.81	73,827.06	78,335.75	4,508.69
Book 2	123	124	1	1709	1915	206	56,723.80	64,203.75	7,479.95	2,483.59	2,494.86	11.27	59,207.39	66,698.61	7,491.22
<b>TOTAL</b>	<b>3356</b>	<b>3464</b>	<b>108</b>	<b>50267</b>	<b>57697</b>	<b>7430</b>	<b>1,830,509.55</b>	<b>2,068,006.80</b>	<b>237,497.25</b>	<b>57,063.73</b>	<b>62,137.94</b>	<b>5,074.21</b>	<b>1,887,573.28</b>	<b>2,130,144.74</b>	<b>242,571.46</b>

**SERVICE CONNECTION GROWTH**

For the Month of February 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	213	216	3	3251	2949	(302)	113,483.45	100,195.35	-13,288.10	3,825.56	4,909.09	1,083.53	117,309.01	105,104.44	-12,204.57
Book 2	195	196	1	3991	3936	(55)	163,121.00	162,572.90	-548.10	2,482.73	3,072.88	590.15	165,603.73	165,645.78	42.05
Book 3	156	155	(1)	2870	2670	(200)	107,107.30	98,270.60	-8,836.70	2,223.83	2,290.75	66.92	109,331.13	100,561.35	-8,769.78
<b>ZONE II</b>															
Book 1	195	196	1	3749	3999	250	158,554.55	181,172.20	22,617.65	4,684.27	4,735.02	50.75	163,238.82	185,907.22	22,668.40
Book 2	115	113	(2)	2671	2683	12	114,766.55	114,506.10	-260.45	2,097.32	2,675.69	578.37	116,863.87	117,181.79	317.92
<b>ZONE III</b>															
Book 1	174	174	0	3246	2864	(382)	115,900.95	99,096.25	-16,804.70	3,417.65	3,311.05	-106.60	119,318.60	102,407.30	-16,911.30
Book 2	161	165	4	3621	3246	(375)	157,334.50	140,785.10	-16,549.40	3,749.64	3,721.40	-28.24	161,084.14	144,506.50	-16,577.64
Book 3	202	212	10	3132	2958	(174)	104,924.50	102,418.20	-2,506.30	3,756.15	3,368.45	-387.70	108,680.65	105,786.65	-2,894.00
<b>ZONE IV</b>															
Book 1	191	192	1	3135	2596	(539)	99,812.25	83,118.20	-16,694.05	3,884.99	4,186.06	301.07	103,697.24	87,304.26	-16,392.98
Book 2	186	188	2	3220	2730	(490)	103,294.90	90,597.70	-12,697.20	4,372.84	3,784.73	-588.11	107,667.74	94,382.43	-13,285.31
Book 3	188	189	1	3143	2378	(765)	109,220.80	80,715.40	-28,505.40	3,487.96	3,318.97	-168.99	112,708.76	84,034.37	-28,674.39
<b>ZONE V</b>															
Book 1	163	163	0	2427	1979	(448)	80,818.70	67,596.90	-13,221.80	3,098.28	2,144.61	-953.67	83,916.98	69,741.51	-14,175.47
Book 2	184	188	4	2521	2274	(247)	78,455.30	73,925.55	-4,529.75	3,513.65	2,791.83	-721.82	81,968.95	76,717.38	-5,251.57
<b>ZONE VI</b>															
Book 1	149	150	1	2185	1715	(470)	74,309.50	59,279.75	-15,029.75	1,452.02	1,290.87	-161.15	75,761.52	60,570.62	-15,190.90
Book 2	167	168	1	2721	2259	(462)	94,227.35	77,184.05	-17,043.30	3,141.83	4,602.18	1,460.35	97,369.18	81,786.23	-15,582.95
Book 3	187	185	(2)	2526	2105	(421)	86,378.30	75,020.40	-11,357.90	2,289.85	1,860.54	-429.31	88,668.15	76,880.94	-11,787.21
<b>ZONE VII</b>															
Book 1	196	204	8	2902	2586	(316)	97,410.40	86,367.90	-11,042.50	2,555.36	2,732.75	177.39	99,965.76	89,100.65	-10,865.11
Book 2															
<b>ZONE VIII</b>															
Book 1	162	164	2	2136	1942	(194)	68,780.20	65,074.45	-3,705.75	3,175.95	3,729.02	553.07	71,956.15	68,803.47	-3,152.68
Book 2															
<b>ZONE IX</b>															
Book 1	156	156	0	2335	2738	403	75,902.55	99,496.40	23,593.85	2,433.20	3,117.47	684.27	78,335.75	102,613.87	24,278.12
Book 2	124	123	(1)	1915	1598	(317)	64,203.75	52,888.30	-11,315.45	2,494.86	2,858.08	363.22	66,698.61	55,746.38	-10,952.23
<b>TOTAL</b>	<b>3464</b>	<b>3497</b>	<b>33</b>	<b>57697</b>	<b>52205</b>	<b>-5492</b>	<b>2,068,006.80</b>	<b>1,910,281.70</b>	<b>-157,725.10</b>	<b>62,137.94</b>	<b>64,501.44</b>	<b>2,363.50</b>	<b>2,130,144.74</b>	<b>1,974,783.14</b>	<b>-155,361.60</b>

**SERVICE CONNECTION GROWTH**

For the Month of March 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	216	219	3	2949	2915	(34)	100,195.35	99,491.85	-703.50	4,909.09	3,947.34	-961.75	105,104.44	103,439.19	-1,665.25
Book 2	196	199	3	3936	3713	(223)	162,572.90	154,601.60	-7,971.30	3,072.88	2,839.26	-233.62	165,645.78	157,440.86	-8,204.92
Book 3	155	156	1	2670	2638	(32)	98,270.60	95,228.45	-3,042.15	2,290.75	2,104.66	-186.09	100,561.35	97,333.11	-3,228.24
<b>ZONE II</b>															
Book 1	196	195	(1)	3999	3875	(124)	181,172.20	176,851.75	-4,320.45	4,735.02	4,263.92	-471.10	185,907.22	181,115.67	-4,791.55
Book 2	113	115	2	2683	2512	(171)	114,506.10	108,016.50	-6,489.60	2,675.69	1,125.31	-1,550.38	117,181.79	109,141.81	-8,039.98
<b>ZONE III</b>															
Book 1	174	175	1	2864	3118	254	99,096.25	114,177.65	15,081.40	3,311.05	3,341.19	30.14	102,407.30	117,518.84	15,111.54
Book 2	165	164	(1)	3246	3166	(80)	140,785.10	133,592.50	-7,192.60	3,721.40	2,678.03	-1,043.37	144,506.50	136,270.53	-8,235.97
Book 3	212	214	2	2958	2628	(330)	102,418.20	86,881.95	-15,536.25	3,368.45	3,112.20	-256.25	105,786.65	89,994.15	-15,792.50
<b>ZONE IV</b>															
Book 1	192	193	1	2596	2600	4	83,118.20	83,901.05	782.85	4,186.06	3,432.51	-753.55	87,304.26	87,333.56	29.30
Book 2	188	187	(1)	2730	2682	(48)	90,597.70	88,381.00	-2,216.70	3,784.73	3,482.11	-302.62	94,382.43	91,863.11	-2,519.32
Book 3	189	189	0	2378	2446	68	80,715.40	85,163.05	4,447.65	3,318.97	2,725.54	-593.43	84,034.37	87,888.59	3,854.22
<b>ZONE V</b>															
Book 1	163	163	0	1979	1984	5	67,596.90	66,574.50	-1,022.40	2,144.61	1,670.52	-474.09	69,741.51	68,245.02	-1,496.49
Book 2	188	187	(1)	2274	2214	(60)	73,925.55	71,728.55	-2,197.00	2,791.83	3,022.23	230.40	76,717.38	74,750.78	-1,966.60
<b>ZONE VI</b>															
Book 1	150	150	0	1715	1717	2	59,279.75	59,206.95	-72.80	1,290.87	1,256.70	-34.17	60,570.62	60,463.65	-106.97
Book 2	168	168	0	2259	2024	(235)	77,184.05	68,200.85	-8,983.20	4,602.18	3,115.26	-1,486.92	81,786.23	71,316.11	-10,470.12
Book 3	185	182	(3)	2105	1991	(114)	75,020.40	73,109.25	-1,911.15	1,860.54	1,750.35	-110.19	76,880.94	74,859.60	-2,021.34
<b>ZONE VII</b>															
Book 1	204	205	1	2586	2651	65	86,367.90	89,408.35	3,040.45	2,732.75	2,334.86	-397.89	89,100.65	91,743.21	2,642.56
Book 2															
<b>ZONE VIII</b>															
Book 1	164	164	0	1942	1986	44	65,074.45	63,489.10	-1,585.35	3,729.02	3,811.83	82.81	68,803.47	67,300.93	-1,502.54
Book 2															
<b>ZONE IX</b>															
Book 1	156	157	1	2738	2276	(462)	99,496.40	75,226.10	-24,270.30	3,117.47	2,921.30	-196.17	102,613.87	78,147.40	-24,466.47
Book 2	123	122	(1)	1598	1759	161	52,888.30	58,245.00	5,356.70	2,858.08	3,273.48	415.40	55,746.38	61,518.48	5,772.10
<b>TOTAL</b>	<b>3497</b>	<b>3504</b>	<b>7</b>	<b>52205</b>	<b>50895</b>	<b>-1310</b>	<b>1,910,281.70</b>	<b>1,851,476.00</b>	<b>-58,805.70</b>	<b>64,501.44</b>	<b>56,208.60</b>	<b>-8,292.84</b>	<b>1,974,783.14</b>	<b>1,907,684.60</b>	<b>-67,098.54</b>

**SERVICE CONNECTION GROWTH**

For the Month of April 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	219	220	1	2915	2796	(119)	99,491.85	94,540.30	-4,951.55	3,947.34	0.00	-3,947.34	103,439.19	94,540.30	-8,898.89
Book 2	199	198	(1)	3713	4148	435	154,601.60	178,025.80	23,424.20	2,839.26	0.00	-2,839.26	157,440.86	178,025.80	20,584.94
Book 3	156	155	(1)	2638	2675	37	95,228.45	93,923.65	-1,304.80	2,104.66	0.00	-2,104.66	97,333.11	93,923.65	-3,409.46
<b>ZONE II</b>															
Book 1	195	196	1	3875	3881	6	176,851.75	171,290.45	-5,561.30	4,263.92	0.00	-4,263.92	181,115.67	171,290.45	-9,825.22
Book 2	115	115	0	2512	2282	(230)	108,016.50	95,192.30	-12,824.20	1,125.31	0.00	-1,125.31	109,141.81	95,192.30	-13,949.51
<b>ZONE III</b>															
Book 1	175	175	0	3118	2899	(219)	114,177.65	98,033.60	-16,144.05	3,341.19	0.00	-3,341.19	117,518.84	98,033.60	-19,485.24
Book 2	164	165	1	3166	3642	476	133,592.50	148,958.35	15,365.85	2,678.03	0.00	-2,678.03	136,270.53	148,958.35	12,687.82
Book 3	214	214	0	2628	2678	50	86,881.95	85,337.50	-1,544.45	3,112.20	0.00	-3,112.20	89,994.15	85,337.50	-4,656.65
<b>ZONE IV</b>															
Book 1	193	193	0	2600	2810	210	83,901.05	88,423.60	4,522.55	3,432.51	0.00	-3,432.51	87,333.56	88,423.60	1,090.04
Book 2	187	188	1	2682	2897	215	88,381.00	94,420.65	6,039.65	3,482.11	0.00	-3,482.11	91,863.11	94,420.65	2,557.54
Book 3	189	188	(1)	2446	2667	221	85,163.05	90,784.20	5,621.15	2,725.54	0.00	-2,725.54	87,888.59	90,784.20	2,895.61
<b>ZONE V</b>															
Book 1	163	164	1	1984	2208	224	66,574.50	71,671.60	5,097.10	1,670.52	0.00	-1,670.52	68,245.02	71,671.60	3,426.58
Book 2	187	184	(3)	2214	2623	409	71,728.55	81,581.85	9,853.30	3,022.23	0.00	-3,022.23	74,750.78	81,581.85	6,831.07
<b>ZONE VI</b>															
Book 1	150	150	0	1717	1997	280	59,206.95	65,942.90	6,735.95	1,256.70	0.00	-1,256.70	60,463.65	65,942.90	5,479.25
Book 2	168	167	(1)	2024	2344	320	68,200.85	79,438.95	11,238.10	3,115.26	0.00	-3,115.26	71,316.11	79,438.95	8,122.84
Book 3	182	182	0	1991	2133	142	73,109.25	73,335.15	225.90	1,750.35	0.00	-1,750.35	74,859.60	73,335.15	-1,524.45
<b>ZONE VII</b>															
Book 1	205	206	1	2651	2811	160	89,408.35	95,059.15	5,650.80	2,334.86	0.00	-2,334.86	91,743.21	95,059.15	3,315.94
Book 2															
<b>ZONE VIII</b>															
Book 1	164	165	1	1986	2265	279	63,489.10	75,984.95	12,495.85	3,811.83	0.00	-3,811.83	67,300.93	75,984.95	8,684.02
Book 2															
<b>ZONE IX</b>															
Book 1	157	158	1	2276	2243	(33)	75,226.10	69,059.60	-6,166.50	2,921.30	0.00	-2,921.30	78,147.40	69,059.60	-9,087.80
Book 2	122	122	0	1759	2012	253	58,245.00	66,962.15	8,717.15	3,273.48	0.00	-3,273.48	61,518.48	66,962.15	5,443.67
<b>TOTAL</b>	<b>3504</b>	<b>3505</b>	<b>1</b>	<b>50895</b>	<b>54011</b>	<b>3116</b>	<b>1,851,476.00</b>	<b>1,917,966.70</b>	<b>66,490.70</b>	<b>56,208.60</b>	<b>0.00</b>	<b>-56,208.60</b>	<b>1,907,684.60</b>	<b>1,917,966.70</b>	<b>10,282.10</b>

**SERVICE CONNECTION GROWTH**

For the Month of May 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	220	223	3	2796	2863	67	94,540.30	97,881.75	3,341.45	0.00	0.00	0.00	94,540.30	97,881.75	3,341.45
Book 2	198	198	0	4148	4563	415	178,025.80	196,828.95	18,803.15	0.00	0.00	0.00	178,025.80	196,828.95	18,803.15
Book 3	155	155	0	2675	2809	134	93,923.65	100,593.15	6,669.50	0.00	0.00	0.00	93,923.65	100,593.15	6,669.50
<b>ZONE II</b>															
Book 1	196	195	(1)	3881	3918	37	171,290.45	187,993.80	16,703.35	0.00	0.00	0.00	171,290.45	187,993.80	16,703.35
Book 2	115	115	0	2282	2080	(202)	95,192.30	87,871.00	-7,321.30	0.00	0.00	0.00	95,192.30	87,871.00	-7,321.30
<b>ZONE III</b>															
Book 1	175	176	1	2899	2914	15	98,033.60	96,919.70	-1,113.90	0.00	0.00	0.00	98,033.60	96,919.70	-1,113.90
Book 2	165	167	2	3642	2899	(743)	148,958.35	96,615.25	-52,343.10	0.00	0.00	0.00	148,958.35	96,615.25	-52,343.10
Book 3	214	214	0	2678	2784	106	85,337.50	88,902.30	3,564.80	0.00	0.00	0.00	85,337.50	88,902.30	3,564.80
<b>ZONE IV</b>															
Book 1	193	193	0	2810	3177	367	88,423.60	101,666.95	13,243.35	0.00	0.00	0.00	88,423.60	101,666.95	13,243.35
Book 2	188	189	1	2897	3031	134	94,420.65	97,925.20	3,504.55	0.00	0.00	0.00	94,420.65	97,925.20	3,504.55
Book 3	188	188	0	2667	2595	(72)	90,784.20	87,136.40	-3,647.80	0.00	0.00	0.00	90,784.20	87,136.40	-3,647.80
<b>ZONE V</b>															
Book 1	164	164	0	2208	2079	(129)	71,671.60	68,532.90	-3,138.70	0.00	0.00	0.00	71,671.60	68,532.90	-3,138.70
Book 2	184	183	(1)	2623	2461	(162)	81,581.85	77,256.30	-4,325.55	0.00	0.00	0.00	81,581.85	77,256.30	-4,325.55
<b>ZONE VI</b>															
Book 1	150	150	0	1997	2319	322	65,942.90	81,937.70	15,994.80	0.00	0.00	0.00	65,942.90	81,937.70	15,994.80
Book 2	167	170	3	2344	2179	(165)	79,438.95	73,816.65	-5,622.30	0.00	0.00	0.00	79,438.95	73,816.65	-5,622.30
Book 3	182	183	1	2133	2400	267	73,335.15	81,339.40	8,004.25	0.00	0.00	0.00	73,335.15	81,339.40	8,004.25
<b>ZONE VII</b>															
Book 1	206	206	0	2811	2678	(133)	95,059.15	87,999.30	-7,059.85	0.00	0.00	0.00	95,059.15	87,999.30	-7,059.85
Book 2															
<b>ZONE VIII</b>															
Book 1	165	165	0	2265	2302	37	75,984.95	73,247.80	-2,737.15	0.00	0.00	0.00	75,984.95	73,247.80	-2,737.15
Book 2															
<b>ZONE IX</b>															
Book 1	158	158	0	2243	2607	364	69,059.60	84,885.20	15,825.60	0.00	0.00	0.00	69,059.60	84,885.20	15,825.60
Book 2	122	122	0	2012	1942	(70)	66,962.15	66,645.10	-317.05	0.00	0.00	0.00	66,962.15	66,645.10	-317.05
<b>TOTAL</b>	<b>3505</b>	<b>3514</b>	<b>9</b>	<b>54011</b>	<b>54600</b>	<b>589</b>	<b>1,917,966.70</b>	<b>1,935,994.80</b>	<b>18,028.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,917,966.70</b>	<b>1,935,994.80</b>	<b>18,028.10</b>

**SERVICE CONNECTION GROWTH**

For the Month of June 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	223	224	1	2863	2888	25	97,881.75	96,987.40	-894.35	0.00	4,255.87	4,255.87	97,881.75	101,243.27	3,361.52
Book 2	198	198	0	4563	4358	(205)	196,828.95	187,023.40	-9,805.55	0.00	2,843.29	2,843.29	196,828.95	189,866.69	-6,962.26
Book 3	155	155	0	2809	3027	218	100,593.15	109,359.25	8,766.10	0.00	2,659.58	2,659.58	100,593.15	112,018.83	11,425.68
<b>ZONE II</b>															
Book 1	195	196	1	3918	4329	411	187,993.80	210,783.90	22,790.10	0.00	5,689.59	5,689.59	187,993.80	216,473.49	28,479.69
Book 2	115	174	59	2080	3147	1067	87,871.00	126,514.20	38,643.20	0.00	3,633.38	3,633.38	87,871.00	130,147.58	42,276.58
<b>ZONE III</b>															
Book 1	176	183	7	2914	3169	255	96,919.70	105,125.85	8,206.15	0.00	3,825.67	3,825.67	96,919.70	108,951.52	12,031.82
Book 2	167	138	(29)	2899	2179	(720)	96,615.25	71,024.75	-25,590.50	0.00	2,655.24	2,655.24	96,615.25	73,679.99	-22,935.26
Book 3	214	175	(39)	2784	2223	(561)	88,902.30	72,349.55	-16,552.75	0.00	3,203.67	3,203.67	88,902.30	75,553.22	-13,349.08
<b>ZONE IV</b>															
Book 1	193	193	0	3177	3301	124	101,666.95	105,765.45	4,098.50	0.00	4,553.90	4,553.90	101,666.95	110,319.35	8,652.40
Book 2	189	191	2	3031	3132	101	97,925.20	102,041.80	4,116.60	0.00	4,022.78	4,022.78	97,925.20	106,064.58	8,139.38
Book 3	188	188	0	2595	2721	126	87,136.40	91,406.40	4,270.00	0.00	3,372.89	3,372.89	87,136.40	94,779.29	7,642.89
<b>ZONE V</b>															
Book 1	164	164	0	2079	2271	192	68,532.90	73,550.75	5,017.85	0.00	1,821.54	1,821.54	68,532.90	75,372.29	6,839.39
Book 2	183	185	2	2461	2673	212	77,256.30	88,299.50	11,043.20	0.00	3,316.53	3,316.53	77,256.30	91,616.03	14,359.73
<b>ZONE VI</b>															
Book 1	150	150	0	2319	2289	(30)	81,937.70	81,864.40	-73.30	0.00	3,264.57	3,264.57	81,937.70	85,128.97	3,191.27
Book 2	170	170	0	2179	2355	176	73,816.65	76,774.75	2,958.10	0.00	3,761.54	3,761.54	73,816.65	80,536.29	6,719.64
Book 3	183	182	(1)	2400	2350	(50)	81,339.40	78,840.70	-2,498.70	0.00	2,015.79	2,015.79	81,339.40	80,856.49	-482.91
<b>ZONE VII</b>															
Book 1	206	207	1	2678	2803	125	87,999.30	89,116.35	1,117.05	0.00	2,984.70	2,984.70	87,999.30	92,101.05	4,101.75
Book 2															
<b>ZONE VIII</b>															
Book 1	165	167	2	2302	2553	251	73,247.80	81,359.60	8,111.80	0.00	4,224.34	4,224.34	73,247.80	85,583.94	12,336.14
Book 2															
<b>ZONE IX</b>															
Book 1	158	159	1	2607	2455	(152)	84,885.20	75,563.50	-9,321.70	0.00	2,984.32	2,984.32	84,885.20	78,547.82	-6,337.38
Book 2	122	121	(1)	1942	2154	212	66,645.10	73,006.55	6,361.45	0.00	4,544.93	4,544.93	66,645.10	77,551.48	10,906.38
<b>TOTAL</b>	<b>3514</b>	<b>3520</b>	<b>6</b>	<b>54600</b>	<b>56377</b>	<b>1777</b>	<b>1,935,994.80</b>	<b>1,996,758.05</b>	<b>60,763.25</b>	<b>0.00</b>	<b>69,634.12</b>	<b>69,634.12</b>	<b>1,935,994.80</b>	<b>2,066,392.17</b>	<b>130,397.37</b>

**SERVICE CONNECTION GROWTH**

For the Month of July 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	224	223	(1)	2888	2901	13	96,987.40	96,593.35	-394.05	4,255.87	3,786.67	-469.20	101,243.27	100,380.02	-863.25
Book 2	198	198	0	4358	3998	(360)	187,023.40	171,209.80	-15,813.60	2,843.29	2,492.33	-350.96	189,866.69	173,702.13	-16,164.56
Book 3	155	154	(1)	3027	2994	(33)	109,359.25	109,867.55	508.30	2,659.58	3,500.29	840.71	112,018.83	113,367.84	1,349.01
<b>ZONE II</b>															
Book 1	196	198	2	4329	4258	(71)	210,783.90	198,114.15	-12,669.75	5,689.59	5,150.18	-539.41	216,473.49	203,264.33	-13,209.16
Book 2	174	176	2	3147	3326	179	126,514.20	131,063.85	4,549.65	3,633.38	3,037.65	-595.73	130,147.58	134,101.50	3,953.92
<b>ZONE III</b>															
Book 1	183	182	(1)	3169	3196	27	105,125.85	108,359.10	3,233.25	3,825.67	4,238.40	412.73	108,951.52	112,597.50	3,645.98
Book 2	138	138	0	2179	2356	177	71,024.75	83,763.95	12,739.20	2,655.24	2,169.08	-486.16	73,679.99	85,933.03	12,253.04
Book 3	175	177	2	2223	2338	115	72,349.55	75,631.75	3,282.20	3,203.67	3,139.80	-63.87	75,553.22	78,771.55	3,218.33
<b>ZONE IV</b>															
Book 1	193	192	(1)	3301	3168	(133)	105,765.45	100,654.80	-5,110.65	4,553.90	4,279.91	-273.99	110,319.35	104,934.71	-5,384.64
Book 2	191	191	0	3132	3186	54	102,041.80	103,018.25	976.45	4,022.78	5,236.25	1,213.47	106,064.58	108,254.50	2,189.92
Book 3	188	189	1	2721	2744	23	91,406.40	91,894.05	487.65	3,372.89	3,516.85	143.96	94,779.29	95,410.90	631.61
<b>ZONE V</b>															
Book 1	164	165	1	2271	2381	110	73,550.75	77,058.80	3,508.05	1,821.54	2,042.91	221.37	75,372.29	79,101.71	3,729.42
Book 2	185	188	3	2673	2734	61	88,299.50	85,252.00	-3,047.50	3,316.53	3,852.06	535.53	91,616.03	89,104.06	-2,511.97
<b>ZONE VI</b>															
Book 1	150	150	0	2289	2351	62	81,864.40	78,521.70	-3,342.70	3,264.57	1,934.06	-1,330.51	85,128.97	80,455.76	-4,673.21
Book 2	170	170	0	2355	2454	99	76,774.75	80,918.70	4,143.95	3,761.54	4,259.04	497.50	80,536.29	85,177.74	4,641.45
Book 3	182	186	4	2350	2945	595	78,840.70	106,244.75	27,404.05	2,015.79	2,112.75	96.96	80,856.49	108,357.50	27,501.01
<b>ZONE VII</b>															
Book 1	207	210	3	2803	2578	(225)	89,116.35	84,457.30	-4,659.05	2,984.70	3,485.40	500.70	92,101.05	87,942.70	-4,158.35
Book 2															
<b>ZONE VIII</b>															
Book 1	167	169	2	2553	2395	(158)	81,359.60	75,814.50	-5,545.10	4,224.34	3,836.77	-387.57	85,583.94	79,651.27	-5,932.67
Book 2															
<b>ZONE IX</b>															
Book 1	159	159	0	2455	2303	(152)	75,563.50	72,545.20	-3,018.30	2,984.32	3,049.96	65.64	78,547.82	75,595.16	-2,952.66
Book 2	121	120	(1)	2154	1800	(354)	73,006.55	54,711.25	-18,295.30	4,544.93	3,645.55	-899.38	77,551.48	58,356.80	-19,194.68
<b>TOTAL</b>	<b>3520</b>	<b>3535</b>	<b>15</b>	<b>56377</b>	<b>56406</b>	<b>29</b>	<b>1,996,758.05</b>	<b>1,985,694.80</b>	<b>-11,063.25</b>	<b>69,634.12</b>	<b>68,765.91</b>	<b>-868.21</b>	<b>2,066,392.17</b>	<b>2,054,460.71</b>	<b>-11,931.46</b>



**SERVICE CONNECTION GROWTH**

For the Month of August 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	223	216	(7)	2901	3182	281	96,593.35	106,156.25	9,562.90	3,786.67	5,387.27	1,600.60	100,380.02	111,543.52	11,163.50
Book 2	198	198	0	3998	4130	132	171,209.80	172,154.90	945.10	2,492.33	3,268.31	775.98	173,702.13	175,423.21	1,721.08
Book 3	154	154	0	2994	2755	(239)	109,867.55	95,784.40	-14,083.15	3,500.29	2,535.63	-964.66	113,367.84	98,320.03	-15,047.81
<b>ZONE II</b>															
Book 1	198	200	2	4258	3909	(349)	198,114.15	154,449.80	-43,664.35	5,150.18	6,052.34	902.16	203,264.33	160,502.14	-42,762.19
Book 2	176	175	(1)	3326	3764	438	131,063.85	154,280.90	23,217.05	3,037.65	5,012.75	1,975.10	134,101.50	159,293.65	25,192.15
<b>ZONE III</b>															
Book 1	182	182	0	3196	3420	224	108,359.10	117,409.75	9,050.65	4,238.40	5,131.18	892.78	112,597.50	122,540.93	9,943.43
Book 2	138	136	(2)	2356	2553	197	83,763.95	92,499.90	8,735.95	2,169.08	3,091.03	921.95	85,933.03	95,590.93	9,657.90
Book 3	177	179	2	2338	2688	350	75,631.75	88,728.90	13,097.15	3,139.80	4,427.90	1,288.10	78,771.55	93,156.80	14,385.25
<b>ZONE IV</b>															
Book 1	192	191	(1)	3168	3324	156	100,654.80	105,632.65	4,977.85	4,279.91	4,771.92	492.01	104,934.71	110,404.57	5,469.86
Book 2	191	190	(1)	3186	3157	(29)	103,018.25	101,115.00	-1,903.25	5,236.25	4,687.06	-549.19	108,254.50	105,802.06	-2,452.44
Book 3	189	188	(1)	2744	2981	237	91,894.05	100,244.05	8,350.00	3,516.85	3,923.61	406.76	95,410.90	104,167.66	8,756.76
<b>ZONE V</b>															
Book 1	165	166	1	2381	2308	(73)	77,058.80	76,728.00	-330.80	2,042.91	1,856.19	-186.72	79,101.71	78,584.19	-517.52
Book 2	188	188	0	2734	2729	(5)	85,252.00	84,806.00	-446.00	3,852.06	3,472.59	-379.47	89,104.06	88,278.59	-825.47
<b>ZONE VI</b>															
Book 1	150	152	2	2351	2205	(146)	78,521.70	72,512.70	-6,009.00	1,934.06	1,659.62	-274.44	80,455.76	74,172.32	-6,283.44
Book 2	170	173	3	2454	2899	445	80,918.70	100,730.45	19,811.75	4,259.04	4,355.28	96.24	85,177.74	105,085.73	19,907.99
Book 3	186	185	(1)	2945	3547	602	106,244.75	131,959.90	25,715.15	2,112.75	5,752.53	3,639.78	108,357.50	137,712.43	29,354.93
<b>ZONE VII</b>															
Book 1	210	210	0	2578	2529	(49)	84,457.30	82,458.55	-1,998.75	3,485.40	2,710.57	-774.83	87,942.70	85,169.12	-2,773.58
Book 2															
<b>ZONE VIII</b>															
Book 1	169	170	1	2395	2640	245	75,814.50	81,924.55	6,110.05	3,836.77	4,421.46	584.69	79,651.27	86,346.01	6,694.74
Book 2															
<b>ZONE IX</b>															
Book 1	159	161	2	2303	2216	(87)	72,545.20	68,411.65	-4,133.55	3,049.96	2,751.17	-298.79	75,595.16	71,162.82	-4,432.34
Book 2	120	119	(1)	1800	1664	(136)	54,711.25	50,598.80	-4,112.45	3,645.55	3,190.40	-455.15	58,356.80	53,789.20	-4,567.60
<b>TOTAL</b>	<b>3535</b>	<b>3533</b>	<b>-2</b>	<b>56406</b>	<b>58600</b>	<b>2194</b>	<b>1,985,694.80</b>	<b>2,038,587.10</b>	<b>52,892.30</b>	<b>68,765.91</b>	<b>78,458.81</b>	<b>9,692.90</b>	<b>2,054,460.71</b>	<b>2,117,045.91</b>	<b>62,585.20</b>

**SERVICE CONNECTION GROWTH**

For the Month of September 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	216	220	4	3182	3139	(43)	106,156.25	102,710.20	-3,446.05	5,387.27	4,154.54	-1,232.73	111,543.52	106,864.74	-4,678.78
Book 2	198	198	0	4130	4382	252	172,154.90	179,682.40	7,527.50	3,268.31	3,498.17	229.86	175,423.21	183,180.57	7,757.36
Book 3	154	154	0	2755	2994	239	95,784.40	105,463.80	9,679.40	2,535.63	2,953.60	417.97	98,320.03	108,417.40	10,097.37
<b>ZONE II</b>															
Book 1	200	199	(1)	3909	3434	(475)	154,449.80	129,228.10	-25,221.70	6,052.34	4,578.48	-1,473.86	160,502.14	133,806.58	-26,695.56
Book 2	175	177	2	3764	3391	(373)	154,280.90	136,324.60	-17,956.30	5,012.75	2,612.45	-2,400.30	159,293.65	138,937.05	-20,356.60
<b>ZONE III</b>															
Book 1	182	184	2	3420	3413	(7)	117,409.75	122,110.90	4,701.15	5,131.18	5,545.04	413.86	122,540.93	127,655.94	5,115.01
Book 2	136	136	0	2553	2315	(238)	92,499.90	84,582.35	-7,917.55	3,091.03	2,039.96	-1,051.07	95,590.93	86,622.31	-8,968.62
Book 3	179	180	1	2688	2398	(290)	88,728.90	79,121.60	-9,607.30	4,427.90	3,890.38	-537.52	93,156.80	83,011.98	-10,144.82
<b>ZONE IV</b>															
Book 1	191	191	0	3324	3063	(261)	105,632.65	96,163.65	-9,469.00	4,771.92	3,673.36	-1,098.56	110,404.57	99,837.01	-10,567.56
Book 2	190	192	2	3157	3086	(71)	101,115.00	99,371.95	-1,743.05	4,687.06	3,702.25	-984.81	105,802.06	103,074.20	-2,727.86
Book 3	188	189	1	2981	2741	(240)	100,244.05	92,163.00	-8,081.05	3,923.61	3,462.37	-461.24	104,167.66	95,625.37	-8,542.29
<b>ZONE V</b>															
Book 1	166	166	0	2308	2387	79	76,728.00	77,979.30	1,251.30	1,856.19	2,565.60	709.41	78,584.19	80,544.90	1,960.71
Book 2	188	188	0	2729	2640	(89)	84,806.00	82,003.65	-2,802.35	3,472.59	3,550.74	78.15	88,278.59	85,554.39	-2,724.20
<b>ZONE VI</b>															
Book 1	152	152	0	2205	2270	65	72,512.70	74,256.05	1,743.35	1,659.62	2,286.73	627.11	74,172.32	76,542.78	2,370.46
Book 2	173	173	0	2899	2692	(207)	100,730.45	92,711.00	-8,019.45	4,355.28	3,901.91	-453.37	105,085.73	96,612.91	-8,472.82
Book 3	185	182	(3)	3547	2467	(1080)	131,959.90	83,321.45	-48,638.45	5,752.53	2,363.69	-3,388.84	137,712.43	85,685.14	-52,027.29
<b>ZONE VII</b>															
Book 1	210	209	(1)	2529	2606	77	82,458.55	85,274.65	2,816.10	2,710.57	2,936.13	225.56	85,169.12	88,210.78	3,041.66
Book 2															
<b>ZONE VIII</b>															
Book 1	170	178	8	2640	2819	179	81,924.55	92,602.00	10,677.45	4,421.46	5,070.70	649.24	86,346.01	97,672.70	11,326.69
Book 2															
<b>ZONE IX</b>															
Book 1	161	162	1	2216	2552	336	68,411.65	84,288.85	15,877.20	2,751.17	3,331.33	580.16	71,162.82	87,620.18	16,457.36
Book 2	119	119	0	1664	1866	202	50,598.80	57,751.25	7,152.45	3,190.40	3,357.71	167.31	53,789.20	61,108.96	7,319.76
<b>TOTAL</b>	<b>3533</b>	<b>3549</b>	<b>16</b>	<b>58600</b>	<b>56655</b>	<b>-1945</b>	<b>2,038,587.10</b>	<b>1,957,110.75</b>	<b>-81,476.35</b>	<b>78,458.81</b>	<b>69,475.14</b>	<b>-8,983.67</b>	<b>2,117,045.91</b>	<b>2,026,585.89</b>	<b>-90,460.02</b>

**SERVICE CONNECTION GROWTH**

For the Month of October 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	220	224	4	3139	3215	76	102,710.20	108,718.30	6,008.10	4,154.54	4,103.59	-50.95	106,864.74	112,821.89	5,957.15
Book 2	198	199	1	4382	3917	(465)	179,682.40	160,748.70	-18,933.70	3,498.17	2,924.91	-573.26	183,180.57	163,673.61	-19,506.96
Book 3	154	155	1	2994	2845	(149)	105,463.80	101,137.00	-4,326.80	2,953.60	2,521.22	-432.38	108,417.40	103,658.22	-4,759.18
<b>ZONE II</b>															
Book 1	199	198	(1)	3434	3274	(160)	129,228.10	120,294.65	-8,933.45	4,578.48	3,990.84	-587.64	133,806.58	124,285.49	-9,521.09
Book 2	177	175	(2)	3391	3421	30	136,324.60	137,111.65	787.05	2,612.45	3,341.99	729.54	138,937.05	140,453.64	1,516.59
<b>ZONE III</b>															
Book 1	184	182	(2)	3413	3082	(331)	122,110.90	104,123.05	-17,987.85	5,545.04	4,231.82	-1,313.22	127,655.94	108,354.87	-19,301.07
Book 2	136	139	3	2315	2638	323	84,582.35	100,904.40	16,322.05	2,039.96	2,547.47	507.51	86,622.31	103,451.87	16,829.56
Book 3	180	179	(1)	2398	2391	(7)	79,121.60	76,849.90	-2,271.70	3,890.38	3,983.96	93.58	83,011.98	80,833.86	-2,178.12
<b>ZONE IV</b>															
Book 1	191	193	2	3063	3220	157	96,163.65	102,647.75	6,484.10	3,673.36	4,331.04	657.68	99,837.01	106,978.79	7,141.78
Book 2	192	191	(1)	3086	3198	112	99,371.95	102,961.50	3,589.55	3,702.25	4,387.35	685.10	103,074.20	107,348.85	4,274.65
Book 3	189	188	(1)	2741	2887	146	92,163.00	95,984.50	3,821.50	3,462.37	3,667.59	205.22	95,625.37	99,652.09	4,026.72
<b>ZONE V</b>															
Book 1	166	165	(1)	2387	2397	10	77,979.30	76,722.45	-1,256.85	2,565.60	2,582.70	17.10	80,544.90	79,305.15	-1,239.75
Book 2	188	188	0	2640	2739	99	82,003.65	84,886.65	2,883.00	3,550.74	3,482.21	-68.53	85,554.39	88,368.86	2,814.47
<b>ZONE VI</b>															
Book 1	152	153	1	2270	2372	102	74,256.05	76,385.40	2,129.35	2,286.73	1,751.68	-535.05	76,542.78	78,137.08	1,594.30
Book 2	173	173	0	2692	2662	(30)	92,711.00	87,163.90	-5,547.10	3,901.91	3,839.44	-62.47	96,612.91	91,003.34	-5,609.57
Book 3	182	182	0	2467	2715	248	83,321.45	87,566.70	4,245.25	2,363.69	2,581.18	217.49	85,685.14	90,147.88	4,462.74
<b>ZONE VII</b>															
Book 1	209	209	0	2606	2658	52	85,274.65	88,375.95	3,101.30	2,936.13	3,127.52	191.39	88,210.78	91,503.47	3,292.69
Book 2															
<b>ZONE VIII</b>															
Book 1	178	179	1	2819	2933	114	92,602.00	93,260.80	658.80	5,070.70	4,851.10	-219.60	97,672.70	98,111.90	439.20
Book 2															
<b>ZONE IX</b>															
Book 1	162	162	0	2552	2618	66	84,288.85	81,101.10	-3,187.75	3,331.33	3,773.90	442.57	87,620.18	84,875.00	-2,745.18
Book 2	119	115	(4)	1866	1988	122	57,751.25	63,058.45	5,307.20	3,357.71	3,602.02	244.31	61,108.96	66,660.47	5,551.51
<b>TOTAL</b>	<b>3549</b>	<b>3549</b>	<b>0</b>	<b>56655</b>	<b>57170</b>	<b>515</b>	<b>1,957,110.75</b>	<b>1,950,002.80</b>	<b>-7,107.95</b>	<b>69,475.14</b>	<b>69,623.53</b>	<b>148.39</b>	<b>2,026,585.89</b>	<b>2,019,626.33</b>	<b>-6,959.56</b>

**SERVICE CONNECTION GROWTH**

For the Month of November 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	224	224	0	3215	3356	141	108,718.30	115,333.10	6,614.80	4,103.59	4,300.11	196.52	112,821.89	119,633.21	6,811.32
Book 2	199	198	(1)	3917	4144	227	160,748.70	171,779.60	11,030.90	2,924.91	3,073.20	148.29	163,673.61	174,852.80	11,179.19
Book 3	155	154	(1)	2845	2989	144	101,137.00	104,604.75	3,467.75	2,521.22	2,617.73	96.51	103,658.22	107,222.48	3,564.26
<b>ZONE II</b>															
Book 1	198	201	3	3274	3645	371	120,294.65	132,765.10	12,470.45	3,990.84	4,476.18	485.34	124,285.49	137,241.28	12,955.79
Book 2	175	175	0	3421	3624	203	137,111.65	143,137.45	6,025.80	3,341.99	2,187.01	-1,154.98	140,453.64	145,324.46	4,870.82
<b>ZONE III</b>															
Book 1	182	183	1	3082	3390	308	104,123.05	118,843.75	14,720.70	4,231.82	4,061.02	-170.80	108,354.87	122,904.77	14,549.90
Book 2	139	141	2	2638	2918	280	100,904.40	112,821.75	11,917.35	2,547.47	4,115.23	1,567.76	103,451.87	116,936.98	13,485.11
Book 3	179	181	2	2391	2660	269	76,849.90	85,572.25	8,722.35	3,983.96	3,931.91	-52.05	80,833.86	89,504.16	8,670.30
<b>ZONE IV</b>															
Book 1	193	193	0	3220	3309	89	102,647.75	106,725.00	4,077.25	4,331.04	3,831.37	-499.67	106,978.79	110,556.37	3,577.58
Book 2	191	196	5	3198	3165	(33)	102,961.50	102,695.75	-265.75	4,387.35	4,000.98	-386.37	107,348.85	106,696.73	-652.12
Book 3	188	190	2	2887	2971	84	95,984.50	100,144.00	4,159.50	3,667.59	3,917.31	249.72	99,652.09	104,061.31	4,409.22
<b>ZONE V</b>															
Book 1	165	166	1	2397	2411	14	76,722.45	77,162.80	440.35	2,582.70	1,842.47	-740.23	79,305.15	79,005.27	-299.88
Book 2	188	188	0	2739	2810	71	84,886.65	88,512.40	3,625.75	3,482.21	4,246.49	764.28	88,368.86	92,758.89	4,390.03
<b>ZONE VI</b>															
Book 1	153	153	0	2372	2060	(312)	76,385.40	66,368.20	-10,017.20	1,751.68	1,811.88	60.20	78,137.08	68,180.08	-9,957.00
Book 2	173	174	1	2662	2939	277	87,163.90	100,902.40	13,738.50	3,839.44	4,125.95	286.51	91,003.34	105,028.35	14,025.01
Book 3	182	182	0	2715	2479	(236)	87,566.70	79,626.90	-7,939.80	2,581.18	2,338.36	-242.82	90,147.88	81,965.26	-8,182.62
<b>ZONE VII</b>															
Book 1	209	211	2	2658	3945	1287	88,375.95	143,841.15	55,465.20	3,127.52	7,719.50	4,591.98	91,503.47	151,560.65	60,057.18
Book 2															
<b>ZONE VIII</b>															
Book 1	179	180	1	2933	2856	(77)	93,260.80	92,160.35	-1,100.45	4,851.10	4,203.28	-647.82	98,111.90	96,363.63	-1,748.27
Book 2															
<b>ZONE IX</b>															
Book 1	162	162	0	2618	2522	(96)	81,101.10	77,439.50	-3,661.60	3,773.90	3,642.34	-131.56	84,875.00	81,081.84	-3,793.16
Book 2	115	115	0	1988	1911	(77)	63,058.45	59,625.80	-3,432.65	3,602.02	3,375.45	-226.57	66,660.47	63,001.25	-3,659.22
<b>TOTAL</b>	<b>3549</b>	<b>3567</b>	<b>18</b>	<b>57170</b>	<b>60104</b>	<b>2934</b>	<b>1,950,002.80</b>	<b>2,080,062.00</b>	<b>130,059.20</b>	<b>69,623.53</b>	<b>73,817.77</b>	<b>4,194.24</b>	<b>2,019,626.33</b>	<b>2,153,879.77</b>	<b>134,253.44</b>

**SERVICE CONNECTION GROWTH**

For the Month of December 2020

AREA COVERAGE	NUMBER OF SERVICE CONNECTION			CUBIC METER BILLED			AMOUNT			PENALTY			TOTAL BILLING		
	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance	Previous Month	This Month	Variance
<b>ZONE I</b>															
Book 1	224	222	(2)	3356	3721	365	115,333.10	130,802.30	15,469.20	4,300.11	4,589.95	289.84	119,633.21	135,392.25	15,759.04
Book 2	198	200	2	4144	3761	(383)	171,779.60	155,916.25	-15,863.35	3,073.20	2,572.38	-500.82	174,852.80	158,488.63	-16,364.17
Book 3	154	154	0	2989	2721	(268)	104,604.75	95,528.55	-9,076.20	2,617.73	2,361.78	-255.95	107,222.48	97,890.33	-9,332.15
<b>ZONE II</b>															
Book 1	201	204	3	3645	3549	(96)	132,765.10	132,856.75	91.65	4,476.18	4,106.78	-369.40	137,241.28	136,963.53	-277.75
Book 2	175	176	1	3624	3260	(364)	143,137.45	129,890.80	-13,246.65	2,187.01	2,378.44	191.43	145,324.46	132,269.24	-13,055.22
<b>ZONE III</b>															
Book 1	183	183	0	3390	3111	(279)	118,843.75	107,839.75	-11,004.00	4,061.02	3,247.65	-813.37	122,904.77	111,087.40	-11,817.37
Book 2	141	143	2	2918	2323	(595)	112,821.75	87,747.85	-25,073.90	4,115.23	1,767.11	-2,348.12	116,936.98	89,514.96	-27,422.02
Book 3	181	182	1	2660	2565	(95)	85,572.25	83,854.30	-1,717.95	3,931.91	3,268.88	-663.03	89,504.16	87,123.18	-2,380.98
<b>ZONE IV</b>															
Book 1	193	193	0	3309	2972	(337)	106,725.00	94,269.90	-12,455.10	3,831.37	3,291.54	-539.83	110,556.37	97,561.44	-12,994.93
Book 2	196	197	1	3165	3013	(152)	102,695.75	97,631.80	-5,063.95	4,000.98	3,129.52	-871.46	106,696.73	100,761.32	-5,935.41
Book 3	190	192	2	2971	2724	(247)	100,144.00	91,778.90	-8,365.10	3,917.31	3,103.49	-813.82	104,061.31	94,882.39	-9,178.92
<b>ZONE V</b>															
Book 1	166	165	(1)	2411	2422	11	77,162.80	80,748.85	3,586.05	1,842.47	1,988.86	146.39	79,005.27	82,737.71	3,732.44
Book 2	188	189	1	2810	2575	(235)	88,512.40	79,236.05	-9,276.35	4,246.49	3,299.88	-946.61	92,758.89	82,535.93	-10,222.96
<b>ZONE VI</b>															
Book 1	153	153	0	2060	2245	185	66,368.20	71,964.05	5,595.85	1,811.88	1,471.81	-340.07	68,180.08	73,435.86	5,255.78
Book 2	174	176	2	2939	3258	319	100,902.40	119,176.20	18,273.80	4,125.95	5,673.58	1,547.63	105,028.35	124,849.78	19,821.43
Book 3	182	181	(1)	2479	2610	131	79,626.90	86,575.20	6,948.30	2,338.36	3,174.53	836.17	81,965.26	89,749.73	7,784.47
<b>ZONE VII</b>															
Book 1	211	211	0	3945	2743	(1202)	143,841.15	93,279.10	-50,562.05	7,719.50	2,685.94	-5,033.56	151,560.65	95,965.04	-55,595.61
Book 2															
<b>ZONE VIII</b>															
Book 1	180	180	0	2856	2695	(161)	92,160.35	89,496.75	-2,663.60	4,203.28	4,960.43	757.15	96,363.63	94,457.18	-1,906.45
Book 2															
<b>ZONE IX</b>															
Book 1	162	164	2	2522	2351	(171)	77,439.50	72,571.40	-4,868.10	3,642.34	3,651.60	9.26	81,081.84	76,223.00	-4,858.84
Book 2	115	116	1	1911	1714	(197)	59,625.80	54,393.80	-5,232.00	3,375.45	3,305.67	-69.78	63,001.25	57,699.47	-5,301.78
<b>TOTAL</b>	<b>3567</b>	<b>3581</b>	<b>14</b>	<b>60104</b>	<b>56333</b>	<b>-3771</b>	<b>2,080,062.00</b>	<b>1,955,558.55</b>	<b>-124,503.45</b>	<b>73,817.77</b>	<b>64,029.82</b>	<b>-9,787.95</b>	<b>2,153,879.77</b>	<b>2,019,588.37</b>	<b>-134,291.40</b>

Republic of the Philippines  
LIANGA WATER DISTRICT  
Annex - A. Market Mall, Lianga, Surigao del Sur

LIST OF MAJOR EQUIPMENT AND FACILITIES AS OF : December 2020  
(with an initial cost of Php. 10,000.00 and above )

ITEM	Installation		Model / Brand	No. of Repairs done during the year	Cost of Repair	Remarks
	Date	Original Cost				
<u>OFFICE IT EQUIPMENT</u>						
1) 1 SET, COMPUTER - 15" MONITOR	1/4/2017	24,990.00	LED AOC			SERVICEABLE
2) 1 UNIT, DIGITAL COPIER	11/25/2009	51,000.00	KYOCERA - KM - 2810			SERVICEABLE
3) 3 UNITS, COMPUTER - 18.5" MONITOR	11/16/2012	98,700.00	ACER - LED			SERVICEABLE
4) 2 UNITS, LAPTOP	1/10/2013	51,000.00	LENOVO			SERVICEABLE
5) 1 SET, SCREEN PROJECTOR	1/10/2013	23,000.00	LCD - ACER			SERVICEABLE
6) 1 SET, SECURITY SURVEILANCE KIT	9/3/2013	21,388.00	N/A			SERVICEABLE
7) 1 UNIT, COMPUTER - 21.5" MONITOR	7/9/2014	34,800.00	SAMSUNG			SERVICEABLE
8) 1 UNIT, DIGITAL COPIER	1/29/2015	39,324.00	KYOCERA - ECOSYS	1	35,745.00	SERVICEABLE
9) 2 UNITS, COMPUTER - 18.5" MONITOR	3/7/2015	49,990.00	ACER - LED			SERVICEABLE
10) 1 UNIT, COMPUTER - 18.5" MONITOR	12/23/2015	23,360.00	ACER - LED			SERVICEABLE
11) 1 SET, COMPUTER - 15" MONITOR	6/30/2016	39,800.00	AOC - LED			SERVICEABLE
12) 1 UNIT, DIGITAL SLR CAMERA	8/18/2016	44,500.00	CANON EOS 700D			SERVICEABLE
13) 1 UNIT, COMPUTER - 18.5" MONITOR	1/10/2018	48,990.00	N-VISSION EX200			SERVICEABLE
14) 1 UNIT, LAPTOP - 15.6" LCD	4/6/2018	29,468.00	ACER			SERVICEABLE
15) 2 UNITS, COMPUTER - 19" MONITOR	9/11/2019	44,520.00	VIEWSONIC - LED			SERVICEABLE
16) 1 UNIT, LAPTOP - 15.6" LED	2/24/2020	29,750.00	ACER			SERVICEABLE
XXXXXNOTHING FOLLOWSXXXXXXX						

Republic of the Philippines  
 LIANGA WATER DISTRICT  
 Annex - A. Market Mall, Lianga, Surigao del Sur

LIST OF MAJOR EQUIPMENT AND FACILITIES AS OF : December 2020  
 (with an initial cost of Php. 10,000.00 and above )

ITEM	Installation		Model / Brand	No. of Repairs done during the year	Cost of Repair	Remarks
	Date	Original Cost				
<u>OFFICE EQUIPMENT</u>						
1) 1 UNIT, AIR-CONDITIONER - 3 TONS.	4/28/2014	69,021.00	FLOOR TYPE / KOPPEL			SERVICEABLE
2) 2 UNIT, AIR-CONDITIONER - 2.5 HP	3/16/2016	56,732.00	KOLIN KAG 250DDME			SERVICEABLE
3) 1 UNIT, AIR-CONDITIONER - 1HP.	1/17/2017	16,293.00	PANASONIC			SERVICEABLE
4) 1 UNIT, TELEVISION - 40"	12/29/2017	23,318.00	SHARP LED			SERVICEABLE
5) 1 UNIT, AIRCONDITIONER - 1.5 HP	7/12/2019	36,035.00	SAMSUNG - SPLIT TYPE			SERVICEABLE
XXXXNOTHING FOLLOWSXXXXXX						
<u>OFFICE FURNITURES &amp; FIXTURES</u>						
1) 9 UNITS, HANGING CABINET - WOOD	12/31/2013	60,410.00	N/A			SERVICEABLE
2) 4 UNITS, OFFICE CUBICLES	12/31/2014	78,906.00	N/A			SERVICEABLE
3) 2 UNITS, 5 SEATERS GANG CHAIR	3/11/2015	31,600.00	STAINLESS			SERVICEABLE
4) 2 UNITS, 3 SEATERS GANG CHAIR	3/11/2015	18,500.00	STAINLESS			SERVICEABLE
5) 1 UNIT, LOCKER - 15 OPENING	2/27/2017	17,500.00	STEEL - PLAIN GREY			SERVICEABLE
XXXXCONT. NEXT PAGEXXXXXX						





Republic of the Philippines  
LIANGA WATER DISTRICT  
Annex - A. Market Mall, Lianga, Surigao del Sur

LIST OF MAJOR EQUIPMENT AND FACILITIES AS OF : December 2020  
(with an initial cost of Php. 10,000.00 and above )

ITEM	Installation		Model / Brand	No. of Repairs done during the year	Cost of Repair	Remarks
	Date	Original Cost				
<u>TOOLS AND MACHINERIES</u>						
1) 1 UNIT, PORTABLE WELDING MACHINE 150 AMPERES	9/9/2005	85,000.00	MITSUBISHI - ENGINE DRIVE			SERVICEABLE
2) 1 UNIT, PORTABLE DEMOLITION - HAMMER	12/2/2009	44,800.00	HITACHI - PH 65			SERVICEABLE
3) 1 SET, PIPE THREADER - 1/2", - 3/4", - 1"	12/29/2009	35,040.00	RIDGID			SERVICEABLE
4) 1 SET, PIPE THREADER - 1 1/2", - 2"	12/29/2009	50,760.00	RIDGID			SERVICEABLE
5) 1 UNIT, PE / PVC Portable Welding Machine	1/31/2003	28,800.00	N/A			SERVICEABLE
6) 1 UNIT, GRASS CUTTER W/ ADAPTOR	1/20/2017	25,448.00	KA AZ TD 40			SERVICEABLE
7) 1 UNIT, THREADING MACHINE	12/17/2018	148,000.00	M300 - COMPACT			SERVICEABLE
8) 1 UNIT, WATER PUMP - 5.5 HP	10/14/2020	18,000.00	HONDA			SERVICEABLE
XXXXXNOTHING FOLLOWSXXXXX						
<u>COMMUNICATION EQUIPMENT</u>						
1) 6 SETS STANDARD INTERCOM PHONE	11/4/2020	49,869.00	COMMAX			SERVICEABLE
XXXXXNOTHING FOLLOWSXXXXX						

Republic of the Philippines  
LIANGA WATER DISTRICT  
Annex - A. Market Mall, Lianga, Surigao del Sur

**LIST OF MAJOR EQUIPMENT AND FACILITIES AS OF : December 2020**  
(with an initial cost of Php. 10,000.00 and above )

ITEM	Installation		Model / Brand	No. of Repairs done during the year	Cost of Repair	Remarks
	Date	Original Cost				
<u>ARTESIAN WELLS</u>						
1) 1 SET, PORTABLE WATER TESTING - EQUIPMENT - INCUBATOR	5/31/2010	1,100,000.00	MOBICUBE 191			SERVICEABLE
2) PUMPING STATION - BARIBIAN	12/31/2013	222,650.21	N/A			SERVICEABLE
3) 1 UNIT, PRODUCTION / FLOW METER - 6"	11/12/2013	84,500.00	ZENNER			SERVICEABLE
4) 3 UNITS, PRODUCTION / FLOW METER ( 4" , - 3" , & 2" IN SIZE )	10/7/2014	70,600.00	ACE			SERVICEABLE
5) 2 UNITS, CALIBRATING BUCKET	1/12/2015	20,000.00	N/A			SERVICEABLE
6) 1 UNIT, BOOSTER PUMP - 5HP	10/20/2015	88,000.00	CENTRIFUGAL			SERVICEABLE
7) 1 UNIT RESERVOIR - DIATAGON	5/31/1986	556,291.73				SERVICEABLE
8) 1 UNIT RESERVOIR - BARIBIAN	12/31/2006	1,473,403.62				SERVICEABLE
9) 1 UNIT PUMPING STRUCTURE - BAN-AS	4/30/2012	175,653.90				SERVICEABLE
10) 1 UNIT INTAKE STRUCTURE - DIATAGON	5/31/1986	46,446.66				SERVICEABLE
11) 1 UNIT INTAKE STRUCTURE - BAN-AS	12/31/2006	1,905,554.47				SERVICEABLE
12) TRANSMISSION & DISTRIBUTION -Diatagon	7/30/1986	4,792,318.54				SERVICEABLE
13) TRANSMISSION & DISTRIBUTION - ( LIANGA TO LIATIMCO )	12/31/2010	15,702,055.47				SERVICEABLE
14) TRANSMISSION & DISTRIBUTION- Ban-as	12/31/2006	5,217,774.41				SERVICEABLE
XXXXNEXT PAGEXXXXXX						





FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF JANUARY 2020

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 17,550

No. of service connections 3,510

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine


a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:

  
 \_\_\_\_\_  
 WILFREDO G. SANCHEZ  
 General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF FEBRUARY 20 20

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 17,635

No. of service connections 3,527

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 2  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 33.3%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

- b . Percent (%) to total number of samples analyzed 16.7%  
 c . Met Standards?  Yes  No  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

- a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5. DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

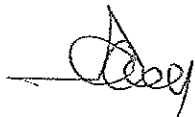
- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

\_\_\_\_\_ LIANGA \_\_\_\_\_ WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF MARCH 20 20

1. Population actually served by utility:

(No. of service connections x ave. no. of persons per service connection (5 persons per household) \_\_\_\_\_ 17,635

No. of service connections \_\_\_\_\_ 3,527

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli \_\_\_\_\_ 6 samples  
 2.b For Heterotrophic Plate Count \_\_\_\_\_ 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. \_\_\_\_\_ 6  
 b. Percent (%) to the minimum required. \_\_\_\_\_ 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. \_\_\_\_\_ 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). \_\_\_\_\_ 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. \_\_\_\_\_ 0  
 b. Percent (%) to the number of samples analyzed. \_\_\_\_\_ 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. \_\_\_\_\_ 0  
 b. Percent (%) to total number of samples examined. \_\_\_\_\_ 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1



b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF APRIL 20 20

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 17,515

No. of service connections 3,523

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

- b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No

("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

- a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No

("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No

("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No

("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:

  
 WILFREDO G. SANCHEZ  
 General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF MAY 2020

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household)) 17,675

No. of service connections 3,535

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform.  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1  
 EST: Absent or < 1 MPN/100 ml

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:

  
 WILFREDO G. SANCHEZ  
 General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF JUNE 2020

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household)) 17,780

No. of service connections 3,556

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

- b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

- a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:

  
 \_\_\_\_\_  
 WILFREDO G. SANCHEZ  
 General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

\_\_\_\_\_ LIANGA \_\_\_\_\_ WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF JULY 20 20

1. Population actually served by utility:

(No. of service connections x ave. no. of persons per service connection (5 persons per household) \_\_\_\_\_ 17,850

No. of service connections \_\_\_\_\_ 3,570

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli \_\_\_\_\_ 6 samples  
 2.b For Heterotrophic Plate Count \_\_\_\_\_ 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. \_\_\_\_\_ 6  
 b. Percent (%) to the minimum required. \_\_\_\_\_ 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. \_\_\_\_\_ 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). \_\_\_\_\_ 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. \_\_\_\_\_ 0  
 b. Percent (%) to the number of samples analyzed. \_\_\_\_\_ 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. \_\_\_\_\_  
 b. Percent (%) to total number of samples examined. \_\_\_\_\_ 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1



- b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No \_\_\_\_\_  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

- a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No \_\_\_\_\_  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No \_\_\_\_\_  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No \_\_\_\_\_  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No \_\_\_\_\_  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



\_\_\_\_\_  
 WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

\_\_\_\_\_ LIANGA \_\_\_\_\_ WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF AUGUST 20 20

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household)) 17,970

No. of service connections 3,594

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager

**FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS**

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF SEPTEMBER 20 20

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 17,960

No. of service connections 3,592

2. Required minimum number of samples based on the table below:  
 2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement  
 a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

\_\_\_\_\_ LIANGA \_\_\_\_\_ WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF OCTOBER 20 20

1. Population actually served by utility:

(No. of service connections x ave. no. of persons per service connection (5 persons per household) 18,000

No. of service connections 3,600

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement

a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine


a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

\_\_\_\_\_ LIANGA \_\_\_\_\_ WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF NOVEMBER 20 20

1 . Population actually served by utility:

(No. of service connections x ave. no. of persons per service connection (5 persons per household) 18,170

No. of service connections 3,634

2 . Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3 . Sample Requirement

a . No. of samples examined. 6  
 b . Percent (%) to the minimum required. 100.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4 . Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a . Number of samples showing presence of coliform group. 0  
 b . Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a . Number of samples showing presence of coliform colonies. 0  
 b . Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c . Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a . Number of samples showing presence of coliform. 0  
 b . Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c . Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a . Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1



- b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

- a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

- a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager



# FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF NOVEMBER 2020

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 18,170

No. of service connections 3,634

2. Required minimum number of samples based on the table below:  
 2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples  
 2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

*Note: Collection of samples should be spread out within a month*

3. Sample Requirement  
 a. No. of samples examined. 6  
 b. Percent (%) to the minimum required. 100.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0  
 b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0  
 b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0  
 b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)  
 c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

SUBMITTED BY:



WILFREDO G. SANCHEZ

General Manager

FORM I - STANDARD FORMAT FOR MICROBIOLOGICAL TEST RESULTS

(Instruction: Fill up the yellow-colored cells)

LIANGA WATER DISTRICT  
 Province: Surigao del Sur  
 SUMMARY REPORT ON MICROBIOLOGICAL TEST  
 MONTH OF DECEMBER 2020

1. Population actually served by utility:  
 (No. of service connections x ave. no. of persons per service connection (5 persons per household) 18,325

No. of service connections 3,665

2. Required minimum number of samples based on the table below:

2.a For Total Coliform & Thermotolerant Coliform/E.Coli 6 samples

2.b For Heterotrophic Plate Count 6 samples

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps
<i>Note: Collection of samples should be spread out within a month</i>			

3. Sample Requirement

a. No. of samples examined. 6

b. Percent (%) to the minimum required. 100.0%

c. Met Standards?  Yes  No  
 ("Yes" if b is 100% or more. "No" if b is less than 100%.)

4. Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group. 0

b. Percent (%) to samples examined (4.1.a/3.a x 100). 0.0%

c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies. 0

b. Percent (%) to the number of samples analyzed. 0.0%  
 (4.2.a/3.a x 100)

c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform. 0

b. Percent (%) to total number of samples examined. 0.0%  
 (4.3.a/3.a x 100)

c. Met Standards?  Yes  No  
 ("Yes" if b is 5% or less. "No" if b is more than 5%.)

B. Thermotolerant Coliform/ E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms.  
 MTFT: MPN/100 ml value of < 1.1

b . Percent (%) to total number of samples analyzed 0.0%  
 c . Met Standards?  Yes  No  
 ("Yes" if a is zero. "No" if a is not equal to zero.)

C. Heterotrophic Plate Count (HPC)

a . Number of HPC tests conducted. 6  
 Percent (%) to the minimum required. 100.0%  
 Met Standards (no. of samples)?  Yes  No  
 b . No. of samples showing HPC value < 500 CFU/ml. 6  
 c . Percent (%) to number of tests conducted (b/a x 100). 100.0%  
 d . Met Standards?  Yes  No  
 ("Yes" if c is 100%. "No" if c is not 100%.)

5 DISINFECTION RESIDUAL

5.A Using Free Residual Chlorine

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine <0.3 or >1.5 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

5.B Using Chlorine Dioxide

a . No. of days without a test conducted 0  
 b . No. of samples with residual chlorine dioxide <0.2 or >0.4 mg/L 0  
 c . Met Standards?  Yes  No  
 ("Yes" if a and b are both zero. "No" if either a or b, or both a and b are not zero.)

NOTE: FOR MICROBIOLOGICAL RESULTS:  
 If number of samples is 20 or less, please attach laboratory test results with this summary form.  
 If number of samples is more than 20, only the summary form is required even without accompanying laboratory test results.

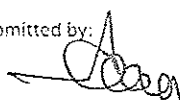
SUBMITTED BY:

  
 \_\_\_\_\_  
 WILFREDO G. SANCHEZ  
 General Manager

LIANGA WATER DISTRICT  
**SUMMARY REPORT ON PHYSICAL AND CHEMICAL ANALYSIS**  
 FOR THE MONTH JUNE YEAR 2020

Date/Time (MM/DD/YYYY) Collected: <u>6/09/2020 - 5:00 AM</u> Analyzed: <u>June 9 to August 20, 2020</u>		SAMPLING LOCATION * (type asterisk * inside the box of the sampling location)								
		<input checked="" type="checkbox"/> Consumer's Tap a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			<input type="checkbox"/> Water Treatment Plant Outlet a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			<input checked="" type="checkbox"/> Source of Supply a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
		b. Location/Name of Street			b. Name of WTP/location			b. Name of Source		
		c. Capacity:			c. Capacity:			c. Capacity: <u>100-120 LPS</u>		
I. Mandatory Parameters		Constituents Level (mg/L) or Characteristics (Test Results)								
PNSDW Max. Allowable Level		Consumer's Tap			WTP Outlet			Water Source		
1. Arsenic (mg/L)	0.01	Mandatory	0.003	Passed	Mandatory		Mandatory	0.009	Passed	
2. Cadmium (mg/L)	0.003	Mandatory	0.003	Passed						
3. Lead (mg/L)	0.010	Mandatory	0.005	Passed						
4. Nitrate (mg/L)	50				Mandatory		Mandatory	1.5	Passed	
5. Color Apparent (CU)	10	Mandatory			Mandatory		Mandatory	1	Passed	
6. Turbidity (NTU)	5	Mandatory	0.3	Passed						
7. pH	6.5 - 8.5	Mandatory			Mandatory		Mandatory	7.8	Passed	
8. Total Dissolved Solids (mg/L)	600				Mandatory		Mandatory	205	Passed	
9. Disinfection Residual (Either of the 2 methods)										
Residual Chlorine (mg/L)	0.3 - 1.5	Mandatory			Mandatory		Mandatory			
Chlorine Dioxide (mg/L)	0.2 - 0.4	Mandatory			Mandatory		Mandatory			
II. Additional Parameters (Determined by LDWQMC)										
III. Action Taken (Please type "Yes" or "No" in appropriate box)										
a) Are all mandatory parameters tested? (If No, indicate parameters not analyzed)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		
b) Are tested primary and secondary parameters in compliance with the PNSDW Standards? (If No, indicate non-complying parameters)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		
Over-all evaluation:		PASSED PNSDW (Yes/No) <input type="checkbox"/> Yes <input type="checkbox"/> No								
Remarks:										
(Please furnish LWUA copies of laboratory Test Results)										

\* Refer to the attached table for frequency of sampling, minimum number of samples and sampling location for mandatory parameters.

Submitted by:   
ALFREDO G. SANCHEZ  
 General Manager      Date \_\_\_\_\_

INSTRUCTION: Fill up the light yellow-colored cells.


LIANGA WATER DISTRICT

SUMMARY REPORT ON PHYSICAL AND CHEMICAL ANALYSIS

FOR THE MONTH JUNE YEAR 2020

Date/Time (MM/DD/YYYY) Collected: <u>6/09/2020 - 5:15 am</u> Analyzed: <u>June 9 to August 20,2020</u>		SAMPLING LOCATION * (type asterisk * inside the box of the sampling location)								
		<input checked="" type="checkbox"/> Consumer's Tap a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			<input type="checkbox"/> Water Treatment Plant Outlet a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			<input checked="" type="checkbox"/> Source of Supply a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
		b. Location/Name of Street			b. Name of WTP/location			b. Name of Source		
		c. Capacity:			c. Capacity:			c. Capacity: <u>25-30 LPS</u>		
I. Mandatory Parameters	PNSDW Max. Allowable Level	Constituents Level (mg/L) or Characteristics (Test Results)								
		Consumer's Tap			WTP Outlet			Water Source		
1. Arsenic (mg/L)	0.01				Mandatory			Mandatory	0.01	Passed
2. Cadmium (mg/L)	0.003	Mandatory	0.001	Passed						
3. Lead (mg/L)	0.010	Mandatory	0.005	Passed						
4. Nitrate (mg/L)	50				Mandatory			Mandatory	1.5	Passed
5. Color Apparent (CU)	10	Mandatory			Mandatory			Mandatory	4	Passed
6. Turbidity (NTU)	5	Mandatory	1.7	Passed						
7. pH	6.5 - 8.5	Mandatory			Mandatory			Mandatory	7.7	Passed
8. Total Dissolved Solids (mg/L)	600				Mandatory			Mandatory	139	Passed
9. Disinfection Residual (Either of the 2 methods)										
Residual Chlorine (mg/L)	0.3 - 1.5	Mandatory			Mandatory			Mandatory		
Chlorine Dioxide (mg/L)	0.2 - 0.4	Mandatory			Mandatory			Mandatory		
II. Additional Parameters (Determined by LDWQMC)										
III. Action Taken (Please type "Yes" or "No" in appropriate box)										
a) Are all mandatory parameters tested?  (If No, indicate parameters not analyzed)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		
b) Are tested primary and secondary parameters in compliance with the PNSDW Standards?  (If No, indicate non-complying parameters)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		
Over-all evaluation:										
PASSED PNSDW (Yes/No)		<input type="checkbox"/> Yes			<input type="checkbox"/> No					
Remarks:										
(Please furnish LWUA copies of laboratory Test Results)										

\* Refer to the attached table for frequency of sampling, minimum number of samples and sampling location for mandatory parameters.

Submitted by:   
**ALFREDO G. SANCHEZ**  
 General Manager Date \_\_\_\_\_

Form II. Standard Format for Physical and Chemical Test Results

INSTRUCTION: Fill up the light yellow-colored cells.

LIANGA

WATER DISTRICT

SUMMARY REPORT ON PHYSICAL AND CHEMICAL ANALYSIS

FOR THE MONTH DECEMBER YEAR 2020

Date/Time (MM/DD/YYYY) Collected: <u>12/01/2020 - 5:36 am</u> Analyzed: <u>Dec. 1 to March 25, 2021</u>		SAMPLING LOCATION * (type asterisk * inside the box of the sampling location)					
		<input checked="" type="checkbox"/> Consumer's Tap a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [ ][ ][ ]      [ ][ ][ ] b. Location/Name of Street _____		<input type="checkbox"/> Water Treatment Plant Outlet a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [ ][ ][ ]      [ ][ ][ ] b. Name of WTP/location _____ c. Capacity: _____		<input checked="" type="checkbox"/> Source of Supply a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [126][6][53.00]      [8][41][27.00] b. Name of Source SIMULAO SOURCE c. Capacity: <u>25-30 LPS</u>	
I. Mandatory Parameters	PNSDW Max. Allowable Level	Constituents Level (mg/L) or Characteristics (Test Results)					
		Consumer's Tap		WTP Outlet		Water Source	
1. Arsenic (mg/L)	0.01			Mandatory		Mandatory	0.005      Passed
2. Cadmium (mg/L)	0.005	Mandatory	0.001      Passed				
3. Lead (mg/L)	0.010	Mandatory	0.005      Passed				
4. Nitrate (mg/L)	50			Mandatory		Mandatory	0.2      Passed
5. Color Apparent (CU)	10	Mandatory		Mandatory		Mandatory	6      Passed
6. Turbidity (NTU)	5	Mandatory	0.64      Passed				
7. pH	6.5 - 8.5	Mandatory		Mandatory		Mandatory	7.69      Passed
8. Total Dissolved Solids (mg/L)	600			Mandatory		Mandatory	161      Passed
9. Disinfection Residual (Either of the 2 methods)							
Residual Chlorine (mg/L)	0.3 - 1.5	Mandatory		Mandatory		Mandatory	
Chlorine Dioxide (mg/L)	0.2 - 0.4	Mandatory		Mandatory		Mandatory	
III. Action Taken (Please type "Yes" or "No" in appropriate box)							
a) Are all mandatory parameters tested?  (If No, indicate parameters not analyzed)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	
b) Are tested primary and secondary parameters in compliance with the PNSDW Standards?  (If No, indicate non-complying parameters)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	
Over-all evaluation:							
PASSED PNSDW (Yes/No)		<input type="checkbox"/> Yes		<input type="checkbox"/> No			
Remarks: _____							
(Please furnish LWUA copies of laboratory Test Results)							

\* Refer to the attached table for frequency of sampling, minimum number of samples and sampling location for mandatory parameters.

Submitted by

  
**ALFREDO G. SANCHEZ**  
 General Manager

Date \_\_\_\_\_



LIANGA WATER DISTRICT  
**SUMMARY REPORT ON PHYSICAL AND CHEMICAL ANALYSIS**  
 FOR THE MONTH DECEMBER YEAR 2020

Date/Time (MM/DD/YYYY) Collected: <u>12/01/2020 - 5:45 AM</u> Analyzed: <u>Dec. 1 to March 25, 2021</u>		SAMPLING LOCATION * (type asterisk * inside the box of the sampling location)					
		<input checked="" type="checkbox"/> Consumer's Tap a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [ ][ ][ ]      [ ][ ][ ] b. Location/Name of Street _____		<input type="checkbox"/> Water Treatment Plant Outlet a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [ ][ ][ ]      [ ][ ][ ] b. Name of WTP/location _____ c. Capacity: _____		<input checked="" type="checkbox"/> Source of Supply a. Coordinates (DDD°MM' SS.SS") Longitude (E)      Latitude (N) Deg Min Sec      Deg Min Sec [128][4][9.00]      [8][40][27.00] b. Name of Source _____ CAMANGAHAN SOURCE c. Capacity: <u>100-120 LPS</u>	
I. Mandatory Parameters	PNSDW Max. Allowable Level	Constituents Level (mg/L) or Characteristics (Test Results)					
		Consumer's Tap		WTP Outlet		Water Source	
1. Arsenic (mg/L)	0.01	Mandatory	0.001	Passed	Mandatory	0.005	Passed
2. Cadmium (mg/L)	0.003	Mandatory	0.001	Passed	Mandatory	0.005	Passed
3. Lead (mg/L)	0.010	Mandatory	0.005	Passed	Mandatory	0.010	Passed
4. Nitrate (mg/L)	50	Mandatory	1.85	Passed	Mandatory	0.5	Passed
5. Color Apparent (CU)	10	Mandatory	1.85	Passed	Mandatory	16	Passed
6. Turbidity (NTU)	5	Mandatory	1.85	Passed	Mandatory	7.5	Passed
7. pH	6.5 - 8.5	Mandatory	1.85	Passed	Mandatory	7.5	Passed
8. Total Dissolved Solids (mg/L)	600	Mandatory	1.85	Passed	Mandatory	208	Passed
D. Disinfection Residual (Either of the 2 methods) Residual Chlorine (mg/L)      0.3 - 1.5 Chlorine Dioxide (mg/L)      0.2 - 0.4		Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
II. Additional Parameters (Determined by LDWQMC)							
III. Action Taken (Please type "Yes" or "No" in appropriate box)							
a) Are all mandatory parameters tested? (if No, indicate parameters not analyzed)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			
b) Are tested primary and secondary parameters in compliance with the PNSDW Standards? (if No, indicate non-complying parameters)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	<input type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Parameters _____ _____ _____			
Over-all evaluation: PASSED PNSDW (Yes/No) <input type="checkbox"/> Yes <input type="checkbox"/> No Remarks: _____ _____ _____							
(Please furnish LWUA copies of laboratory Test Results)							

\* Refer to the attached table for frequency of sampling, minimum number of samples and sampling location for mandatory parameters.

Submitted by  
  
ALFREDO G. SANCHEZ  
 General Manager  
 \_\_\_\_\_  
 Date

## MONTHLY DATA SHEET

For the Month Ending DECEMBER 2020

Name of Water District :	<b>LIANGA</b>
Province :	SURIGAO DEL SUR
Region :	CARAGA
CCC No. :	104
Email Address :	liwad1979@yahoo.com.ph
Website, if any:	www.liangawd.gov.ph
Contact Nos. (mobile):	
(landline) :	086-616-0020
Geo-coordinates of the WD Office(° ' ") :	8°37'55"N 126°5'42"E
Under Joint Venture Agreement? (Yes/No):	No

### 1. MUNICIPAL DATA/SERVICE COVERAGE

	Municipality(ies) Served		Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys.	
Main Mun.	Lianga	4th	13	9	69.2%	NOTE: If more than 3 municipalities/cities being served, they could be combined in the rows.
Annexed:						
Annexed:						

### 2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	4,772			
2.2	Total Active	3,665			
2.3	Total metered	3,665			
2.4	Total billed	3,581			
2.5	Ave. Persons/Conn.	6.0			
2.6	Population Served (2.2 x 2.5)	21,990			
2.7	Changes in No. of Conn.		<u>This Month</u>	<u>Year-to-Date</u>	
	New		19	317	
	Reconnection		15	141	
	Disconnected		20	239	
	Market Growth		14	219	
2.8	No. of Customers in Arrears	1,294	( 35.3% )		
2.9	No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	3,406			3,406
	Government	2			2
	Commercial/Industrial	174	-		174
	Full Commercial				
	Commercial A	30			30
	Commercial B	24			24
	Commercial C	47			47
	Commercial D	73			73
	Bulk/Wholesale				
	Total	3,582	-		3,582

### 3. PRESENT WATER RATES:

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

#### 3.2 Water Rates

<u>CLASSIFICATION</u>	<u>MIN. CHARGES</u>	<u>COMMODITY CHARGES</u>					
		<u>11-20 CUM</u>	<u>21-30 CUM</u>	<u>31-40 CUM</u>	<u>41-50 CUM</u>	<u>51-60 CUM</u>	<u>61 &amp; Above</u>
Domestic/Government	P 265.00	P 30.65	P 35.25	P 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:



1. Cash on hand	P	37,268.79
2. Cash in bank		(54,863.03)
3. Special Deposits		
4. Investments		
5. Working fund		
6. Reserves		
6.1 WD-LWUA JSA		1,091,437.09
6.2 General Reserves		1,540,868.48
c. Materials & Supplies inventory	P	2,091,130.90
d. Accounts Receivable		2,298,706.24
1. Customers	P	2,298,706.24
2. Materials on loans		
3. Officers & Employees		
e. Customers' deposits		117,408.00
f. Loans payable		40,333,254.69
g. Payable to creditors eg. suppliers		256,311.27

5.6 FINANCIAL RATIOS		This Month		Year-to-Date
a. Operating Ratio (benchmark = less than .75)				
Operating Expenses		3,169,267.89	=	16,476,509.92
Operating Revenues		1,927,005.23	=	23,966,733.27
			1.64	0.69
b. Net Income Ratio (benchmark = more than 0.08)				
Net Income (Loss)		(337,203.21)	=	6,076,043.64
Operating Revenues		1,927,005.23	=	23,966,733.27
			(0.17)	0.25
c. Current Ratio				
Current Assets		5,710,733.80	=	
Current Liabilities		5,296,228.40	=	
			1.08	

## 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	-	

6.2 WATER PRODUCTION (m <sup>3</sup> )		This Month	Year-to-Date	Method of Measurement
a. Gravity		71,159.0	849,712.0	Production Meter
b. Pumped				
Total		71,159.0	849,712.0	

6.3 WATER PRODUCTION COST		This Month	Year-to-Date
a. Total power consumption for pumping (KW-Hr)		129.00	1,664.60
b. Total power cost for pumping (PHP)		1,262.12	10,237.37
c. Other energy cost (oil, etc.) (PHP)			
d. Total Pumping Hours (motor drive)		18.5 hrs.	140.00
e. Total Pumping Hours (engine drive)			
f. Total Chlorine consumed (Kg.)		202.00	1,555.00
g. Total Chlorine cost (PHP)		83,658.00	525,124.40
h. Total cost of other chemicals (PHP)			
Total Production Cost	P	84,920.12	P 535,361.77

6.4 ACCOUNTED FOR WATER (m <sup>3</sup> )			
a. Total Billed Metered Consumption (m <sup>3</sup> )		56,333.0	671,053.0
Residential		50,485.0	600,471.0
Government		305.0	6,891.0
Commercial/Industrial (Total)		5,543.0	63,691.0
Full Commercial			
Commercial A		876.0	15,678.0

Commercial B	1,305.0	15,758.0
Commercial C	1,422.0	15,704.0
Commercial D	1,940.0	16,551.0
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	56,333.0	671,053.0
d. Metered unbilled	862.0	9,849.0
e. Unmetered unbilled	2,859.0	33,702.0
f. Total Accounted	60,054.0	714,604.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m <sup>3</sup> )	15.7	
Residential (m <sup>3</sup> /conn/mo.)	14.8	
Government (m <sup>3</sup> /conn/mo)	152.5	
Commercial/Industrial (m <sup>3</sup> /conn/mo)	31.9	
Bulk/Wholesale (m <sup>3</sup> /conn/mo)		
b. Average liters per capita/day (lpcd)	82.3	
c. Accounted for water (%)	84.4%	84.1%
d. Revenue Producing Water (%)	79.2%	79.0%
e. Percent Non-revenue Water (%)	20.8%	21.0%
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	38
b. Regular	18
c. Casual	8
d. Job-order/COS	12
e. Number of active connections/employee	138
f. Average monthly salary/employee	30,503.83

8.2 BOARD OF DIRECTORS

	Name	Number of Meetings Attended					
		This Month			Year-to-Date		
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
1	EDITHA C. MOSQUERA	2		2	24		24
2	BELLA C. BALA-AN	2		2	24		24
3	ZENAIDA G. GUILLEN	2		2	24		24
4	FLORITA C. SANTUYA	2		2	24		24
5	YOLANDA F. MAGANA	2		2	24		24
6							
				<u>This Month</u>			<u>Year-to-Date</u>
a.	No. of Resolutions passed			11			52
b.	No. of Policies passed						
c.	Directors fees paid			P 14,976.00			149,760.00
d.	Meetings:						
	1. Held			2			24
	2. Regular			2			24
	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.				

9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

	LOAN AMOUNT (PHP)	Interest Rate % p.a.	Monthly Amortization (PHP)	Arrearages, if any (PHP)	Terminal Year of Amortization
a. Loans from LWUA					
1					
2					
3					
b. Loans from Other Fund Sources					
1					
2					
3					

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

Year when Last installed /reviewed

- a. CPS I Installation \_\_\_\_\_
- b. CPS II Installation \_\_\_\_\_
- c. Water Rates Review \_\_\_\_\_
- d. Water Safety Plan Review \_\_\_\_\_
- e. Business Plan Review \_\_\_\_\_
- f. Groundwater Data Bank Installation \_\_\_\_\_

Submitted by:



WILFREDO G. SANCHEZ

General Manager

Verified by:

Noted by:

\_\_\_\_\_  
Management Advisor

\_\_\_\_\_  
UDEV Division Manager

**LIST OF REPORTS PREPARED REGULARLY:**

1. Customer's Complaints
2. Billing and Collection
3. Delinquencies in Payment of Water Bills
4. Meter Histories
5. Blow-Off & Fire Hydrant Flushing
6. Service Connections
7. Physical Inventory
8. Bacteriological Tests
9. Systems Pressure
10. Leak Reports
11. Un-accounted for Water
12. Pump Efficiencies-Booster Pump
13. Water Production
14. Water Consumption
15. Valve and Pipeline Location
16. General Accounting
17. Stock Inventory
18. Stores Usage
19. Employees Record
20. Minutes of Board Meeting
21. Chlorine Residual

# LIANGA WATER DISTRICT

Lianga, Surigao del Sur

Annex III

## LIST OF WATER SOURCES:

- |  |   |
|--|---|
| 1. CAMANGAHAN WATER SOURCE (Spring)      | Camangahan, Ban-as, Lianga, Surigao del Sur |
| 2. SIMULAO WATER SOURCE (Creek/ Surface) | Simulao, Diatagon, Lianga, Surigao del Sur  |

## LIST OF RESERVOIR:

- |  |   |
|--|---|
| 1. Concrete Ground Reservoir 150 cu.m. capacity (Floating/ Fill & Draw Type) | Baribian, Poblacion, Lianga Surigao del Sur |
| 2. Concrete Ground Reservoir 200 cu.m. capacity (Fill & Draw Type)           | Diatagon Camp, Lianga, Surigao del Sur      |