



# BULAN WATER DISTRICT

## CY 2021 ACCOMPLISHMENT REPORT

Address: De Vera St., Zone-4, Bulan, Sorsogon  
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Tel No: (056) 555-2605  
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Facebook: @BulanWater District

# ACCOUNTABILITY STATEMENT

In the spirit of transparency and truthfulness, I, the undersigned hereby certify that the data and information reflected and mentioned in the 2021 Accomplishment Report are true and correct to the best of my knowledge and understanding.

Signed this 28<sup>th</sup> February 2022 at the Bulan Water District, De Vera St., Zone-4, Bulan, Sorsogon

Signed and Certified by:

  
**ENGR. REY DENNIS L. GILBAS**  
General Manager C

## **PURPOSE OF THIS ACCOMPLISHMENT REPORT**

The Bulan Water District Accomplishment Report for CY 2021 is an offspring of Bulan Water District's efforts to institute quality management systems all throughout the organization for the Year 2021. Its purpose is to document the requisites to effectively manage and sustainably operate the water district. It covers the programs and projects of the Bulan Water District water district, the demands of ensuring water safety, the nature and requirements of operating and maintaining the water distribution system, and its administration, commercial, financial and social aspects.

Hopefully, the Accomplishment Report for CY 2021 will be an aid for motivation among employees and other water districts to develop programs and projects for the benefits of concessionaires.

## HIGHLIGHTS OF ACCOMPLISHMENTS

Water remains to be a top essential element during Covid-19 Pandemic. The Bulan Water District has continuously utilized the S.P.A.C.E Program or the **S**ocial **P**articipation **A**gainst **C**ovid19 thru **E**-Governance to ensure safety thru water service projects and employee-concessionaires programs that will provide safe and healthy environment to all stakeholders of Bulan Water District.

The Bulan Water District secured the Vaccination of all Employees from Board of Directors, Permanent Employees and Contract of Services to secure safety of employees. The BWD continued to deliver what is expected and spent 2021 on the Development of Projects for the Sufficiency of Water Supply in compliance to the Philippine National Standards for Drinking Water (PNSDW) while ensuring operational excellence. We might have encountered some issues and problems for daily operations, still we achieved the following Milestones:

- **Completion of ICG – Project Php 70,000,000.00 (Phase 1 – Design and Build for the Upgrading and Rehabilitation of BWD Water System & Phase 2 - Design and Build of 5000 cmd capacity Water Treatment Facility.**
- **Water Sources Development – New Spring Source – Lakha Spring of Brgy. Dolos, Bulan, Sorsogon**
- **Improvement and Increase in Service Connections (Population Served, Active, & Billed)**
- **Intensive Implementation of Programs and Projects to the Reduction of Non-Revenue Water (NRW)**
- **Expansion and Extension to three (4) new Baranggays namely: Brgy. Sta. Remedios, Brgy. Beguin, Brgy. Calomagon & Brgy. San Juan Bag-o**
- **Implementation of the 4Cs for the Operations (Connection, Consumption, Collection & Customer Satisfaction)**
- **Continuous Development and Maintenance at the Mini-Watershed of the Bulan Water District**
- **Proposals to the LGU-Bulan for the Development of Septage Management**
- **Revision of Business Plan**
- **Improvement/Update of the Disaster Risk Reduction Management Manual**
- **Improvement/Update to the Citizens' Charter for CY 2021**
- **Implementation of S.P.A.C.E Program thru the following:**
  - **Team Scheme – Workforce**
  - **E-Governance thru Zoom Meetings and Team Viewers**
  - **Development of Geographical Information System (GIS) and other LAN System for efficient database management**
  - **Sanitation & Maintenance of Facilities**
  - **IEC Materials and Fliers**

**VISION:**

TO BE EFFICIENT IN PROVIDING WATER AT  
REASONABLE  
COST AND GOOD SERVICE TO THE COMMUNITY.

**MISSION:**

WE COMMIT TO SUPPLY SAFE/AFFORDABLE AND POTABLE  
WATER TO THE COMMUNITY. TO CONDUCT OTHER  
FUNCTIONS AND OPERATIONS INCIDENTAL TO WATER  
RESOURCE DEVELOPMENT.

**GOAL:**

TO SERVE WITH DIGNITY AND HONOR.

**BULAN WATER DISTRICT  
ACCOMPLISHMENT REPORT  
FOR THE YEAR ENDING:  
JANUARY – DECEMBER 2021**

**I. WD PROFILE**

Name of Water District: **BULAN**  
CCC No: **022**  
Date Issued: **April 20, 1976**  
Category: **C**

**ADDRESS**

Municipality: **BULAN**  
Province: **SORSOGON**  
Region: **BICOL**  
Email: [bulanwaterdistrict@gmail.com](mailto:bulanwaterdistrict@gmail.com)  
Website: [bulanwater.gov.ph](http://bulanwater.gov.ph)  
Contact No: (056)-555-2605

**BOARD OF DIRECTORS**

Board Chairperson:	<b>Dr. MARIA PAZ G. BAJARO</b>	Women
Board V-Chairpeson:	<b>Mr. DANDY E. BRENCHES</b>	Civic
Board Secretary:	<b>Mr. CHRISTOPHER G. ARMENGOL</b>	Business
Board Member:	<b>Ms. MARY ANN G. HIZO</b>	Education
Board Member:	<b>Dr. RANDY D. EVANGELISTA</b>	Professional

General Manager: **ENGR. REY DENNIS L. GILBAS**

## II. SERVICE AREA COVERAGE

	2015	2016	2017	2018	2019	2020	2021
Projections at 1.3% annual growth rate	52,886	53,574	54,270	54,975	55,690	56,414	57,148
HH (5 pax per HH)	10,577	10,715	10,854	10,995	11,138	11,283	11,430

**Active Service Connection as of December 2021**

6,498

**Total HH as of 2021**

11,283

% of HH with water supply

57.59%

Municipality	BULAN	HH
1	Zone I Pob. (Bgy. 1- South Ilawod)	648
2	Zone II Pob. (Bgy. 2- West Ilawod)	6,129
3	Zone III Pob. (Bgy. 3- East Ilawod)	646
4	Zone IV Pob. (Bgy. 4- West Central)	1,444
5	Zone V Pob. (Bgy. 5- Lanipan)	1,706
6	Zone VI Pob. (Bgy. 6- Baybay)	1,025
7	Zone VII Pob. (Bgy. 7- Iraya)	4,133
8	Zone VIII Pob. (Bgy. 8- Loyo)	2,227
9	Calpi	918
10	Benigno S. Aquino (Imelda)	3,386
11	Inararan	1,940
12	Libertad	780
13	Lajong	3,166
14	Obrero	2,691
15	J.P. Laurel (Pon-od)	3,494
16	M. Roxas	1,027
17	San Francisco	2,910
18	San Vicente	4,898
19	Somagongsong	1,294
20	Managanaga	3,086
21	E. Quirino	593
22	San Juan Bag-o	1,559
23	Santa Remedios	1,447
24	Beguín	1,739
	Total population	52,886

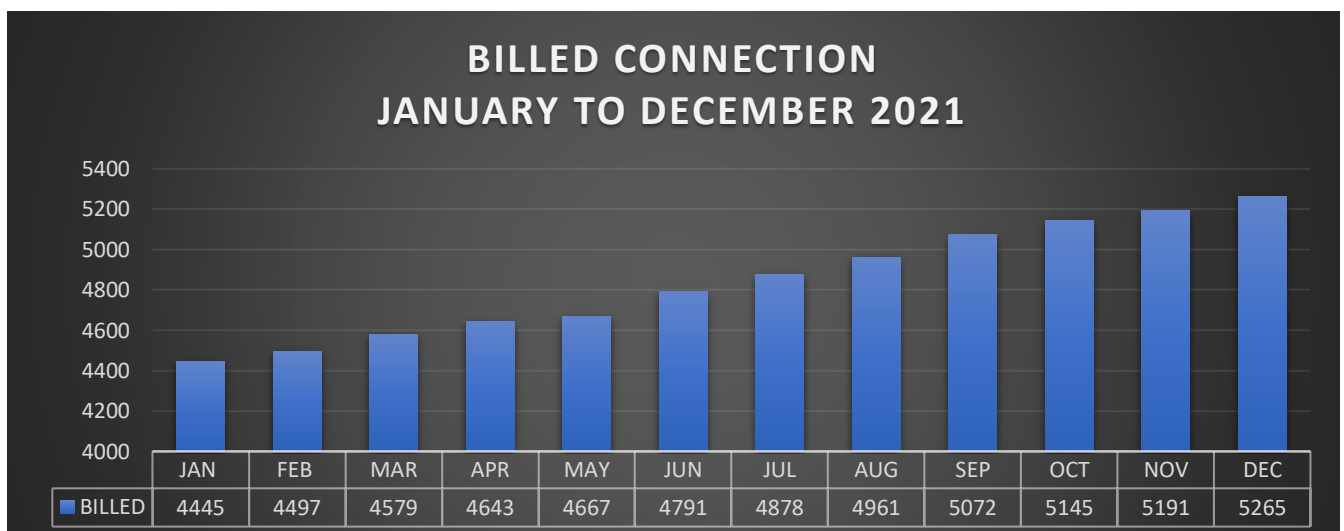
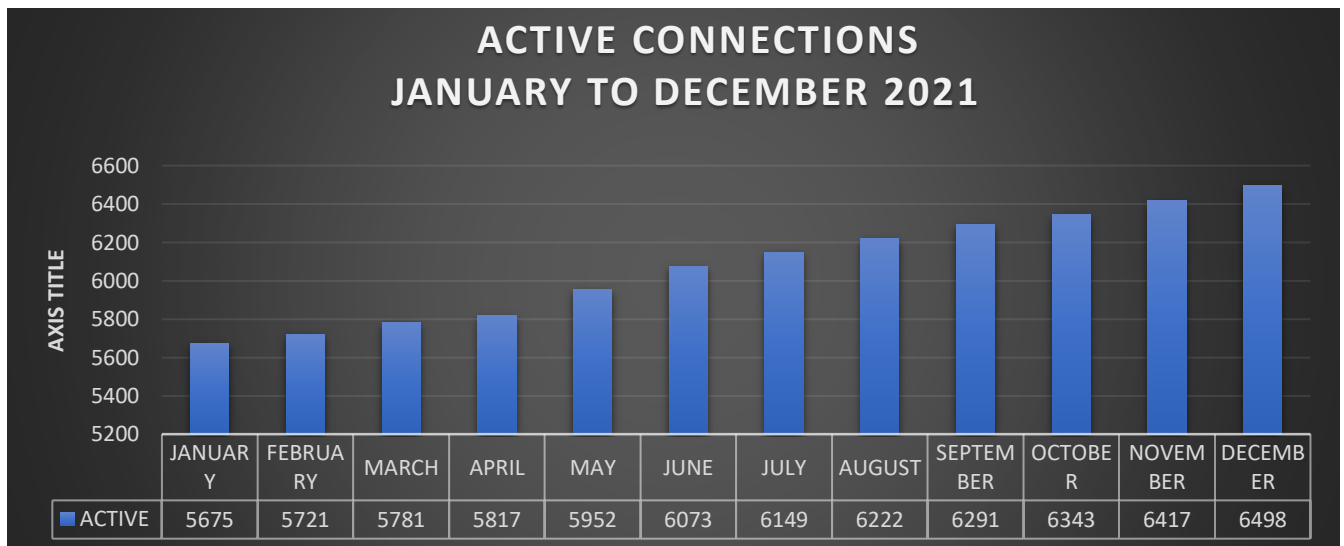
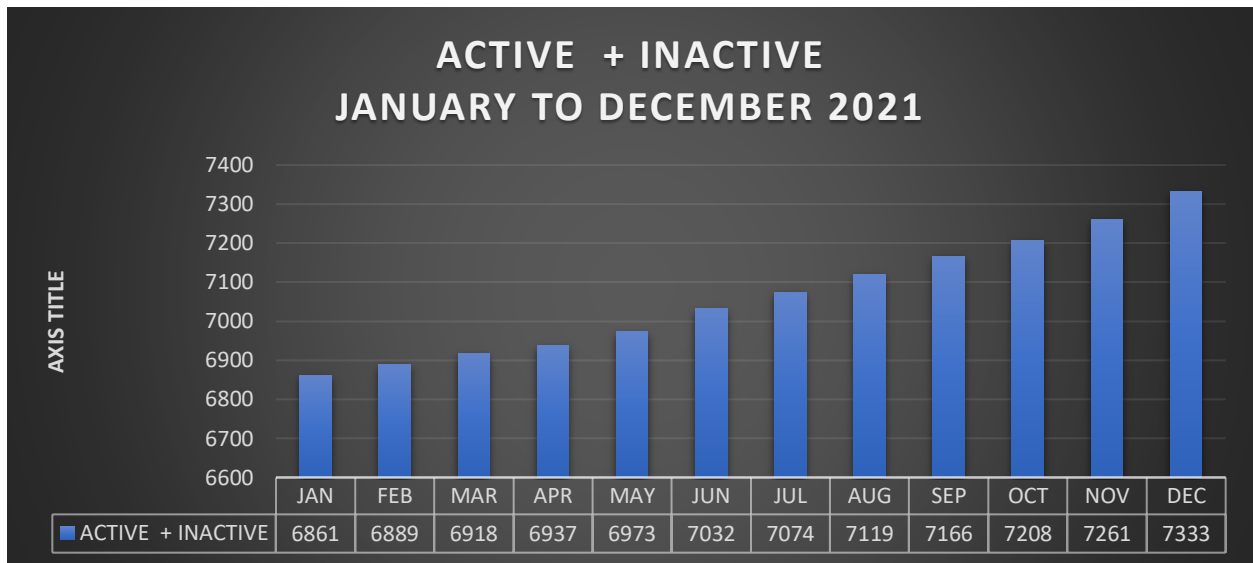
### III. SERVICE CONNECTION DATA ACTIVE & INACTIVE CONNECTION

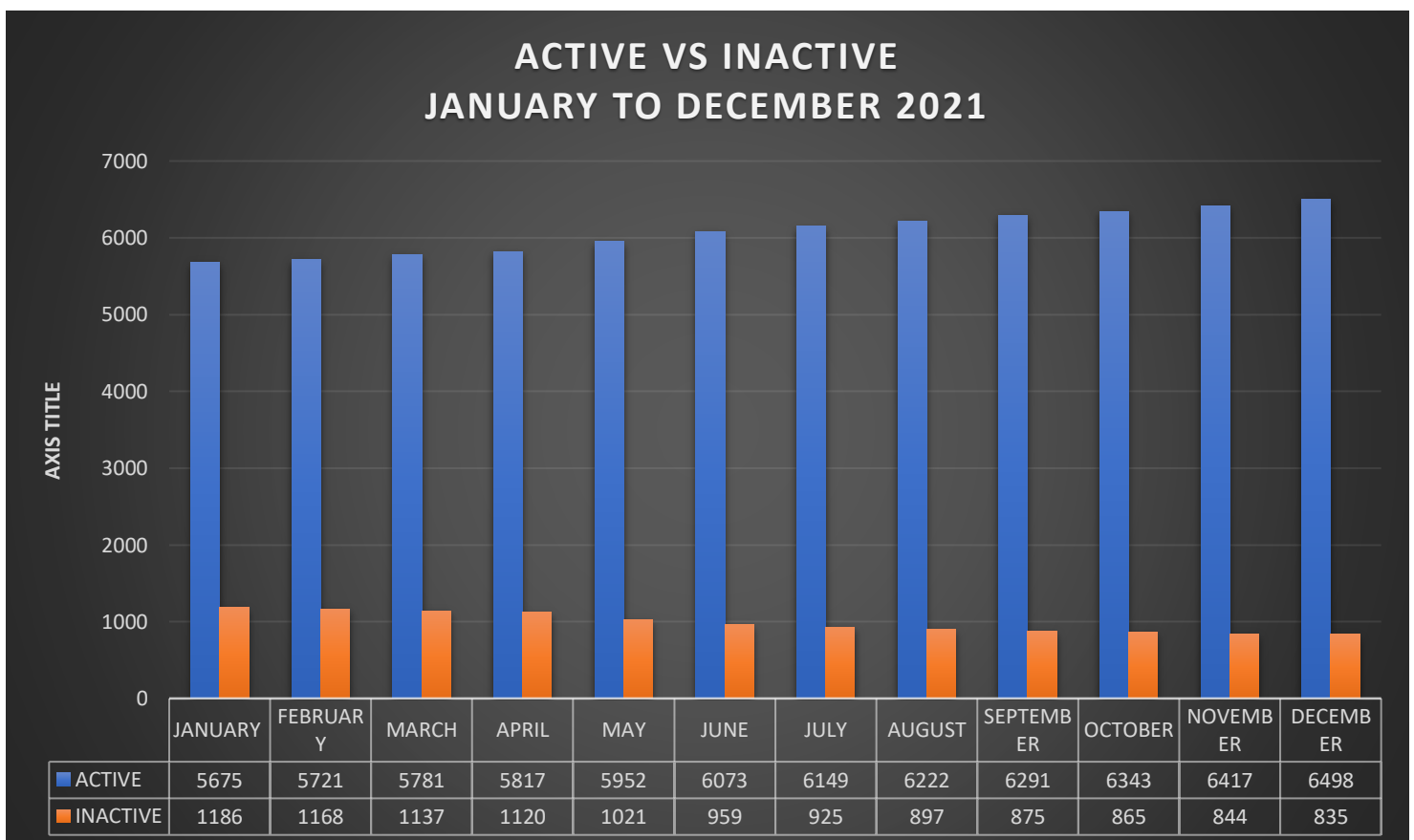
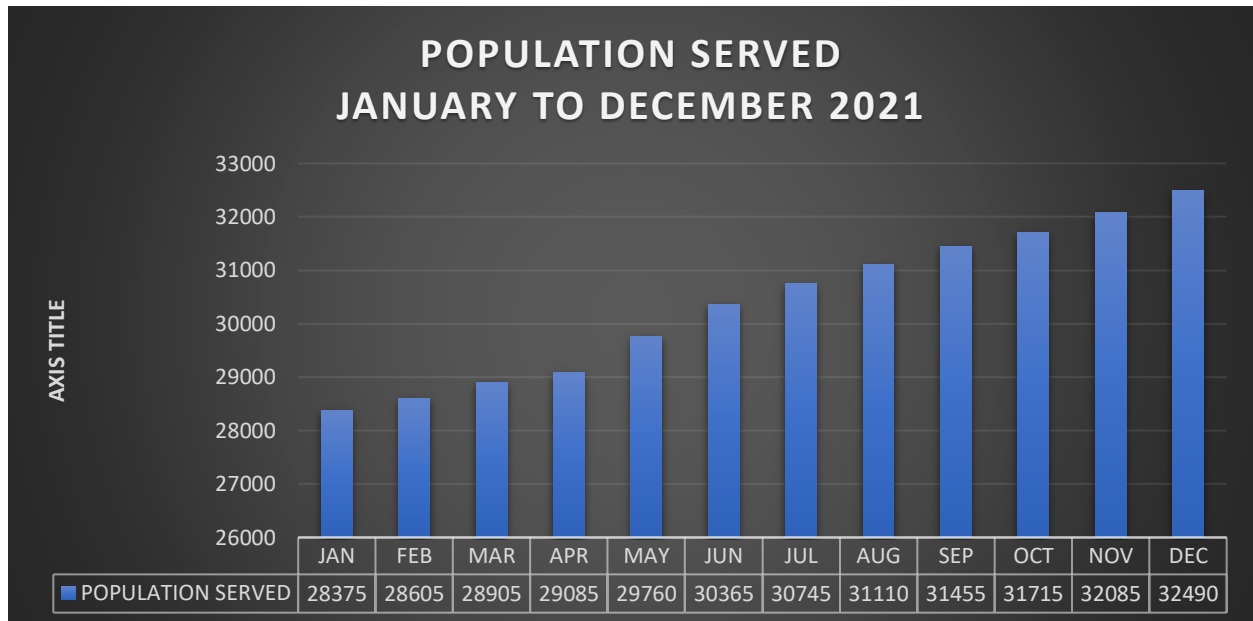
Total Service (Active + Inactive)	7,333
Total Active	6,498
Total Metered	5,265
Total Billed	5,265
Ave. Persons/Connection	5.0
Population Served (2.2 x 2.5)	32,490

MONTH	ACTIVE	BILLED	METERED PRODUCTION (CUBIC METER)	TOTAL WB COLLECTION (PHP)
JANUARY	5675	4445	85558	2,143,091.84
FEBRUARY	5721	4497	76358	1,735,786.35
MARCH	5781	4579	85514	1,968,185.83
APRIL	5817	4643	97474	1,965,924.75
MAY	5952	4667	73658	2,370,565.83
JUNE	6073	4791	107827	2,491,082.68
JULY	6149	4878	105405	2,626,856.45
AUGUST	6222	4961	103579	2,336,401.63
SEPTEMBER	6291	5072	107491	2,559,222.30
OCTOBER	6343	5145	101107	2,218,221.48
NOVEMBER	6417	5191	108388	2,754,721.01
DECEMBER	6498	5265	104560	2,271,332.81



## GRAPHICAL PRESENTATION

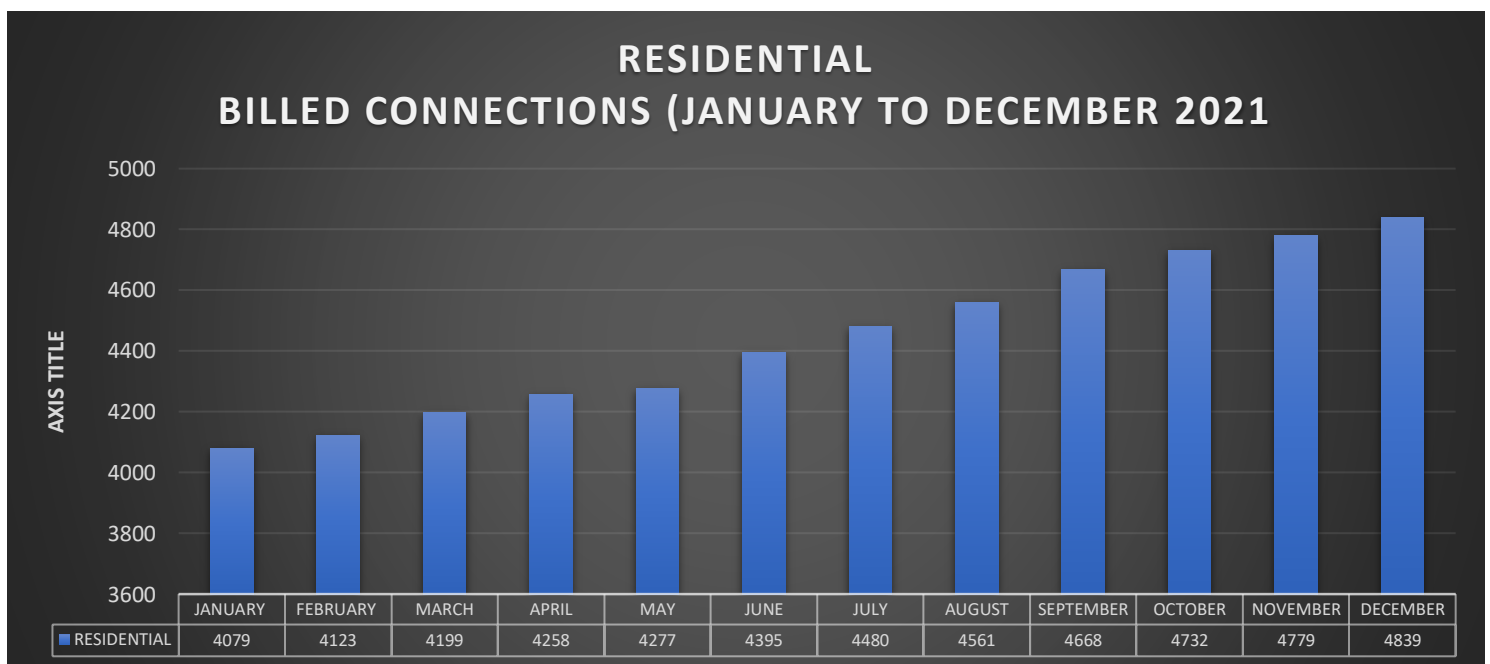


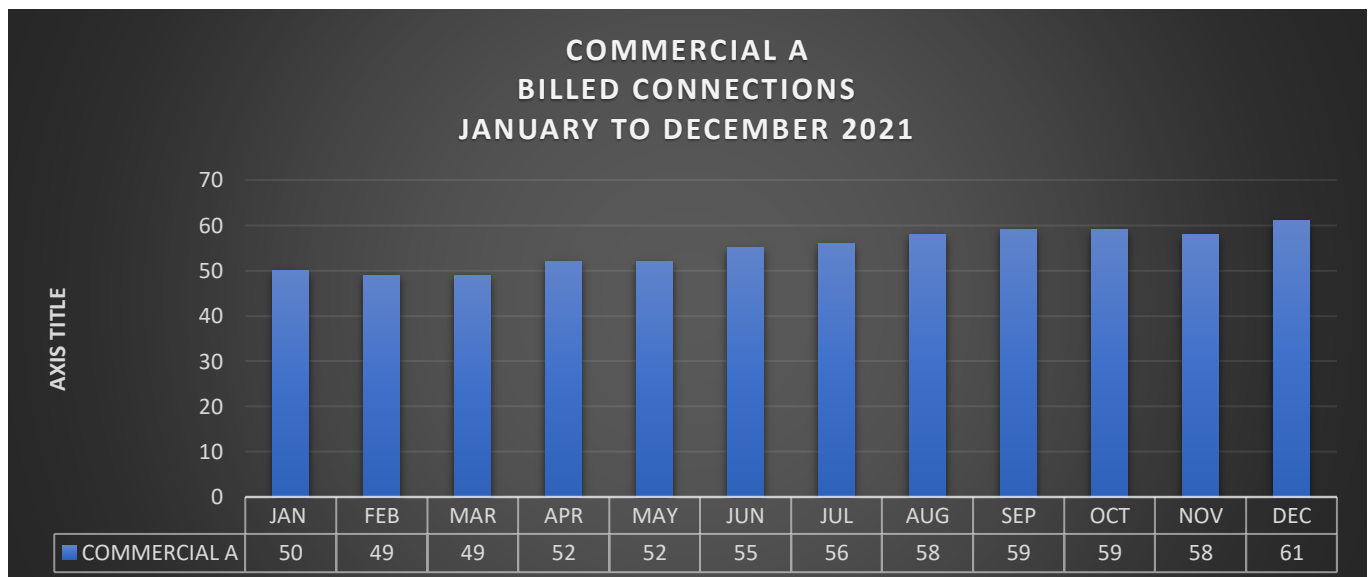
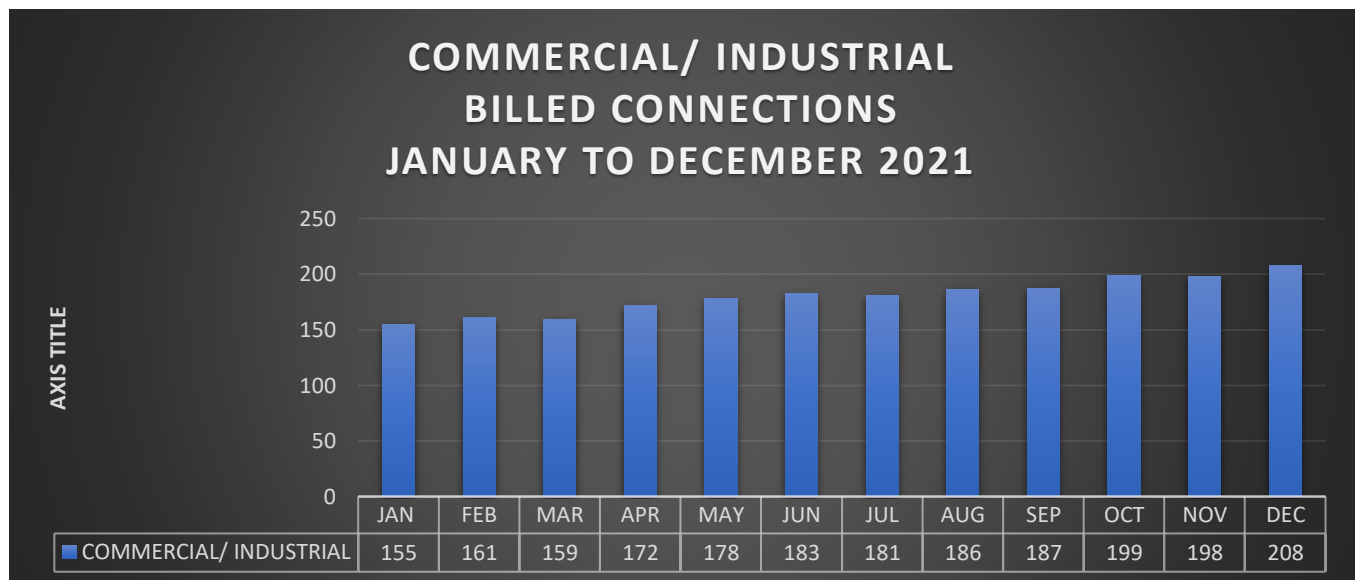
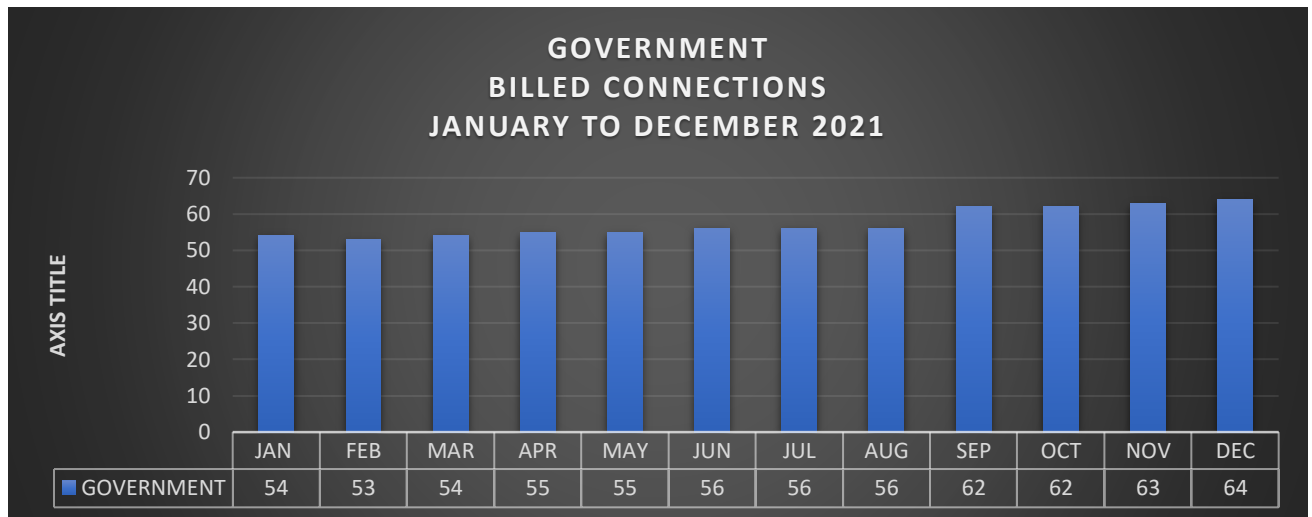


#### IV. NUMBER OF CONNECTIONS & CLASSIFICATIONS

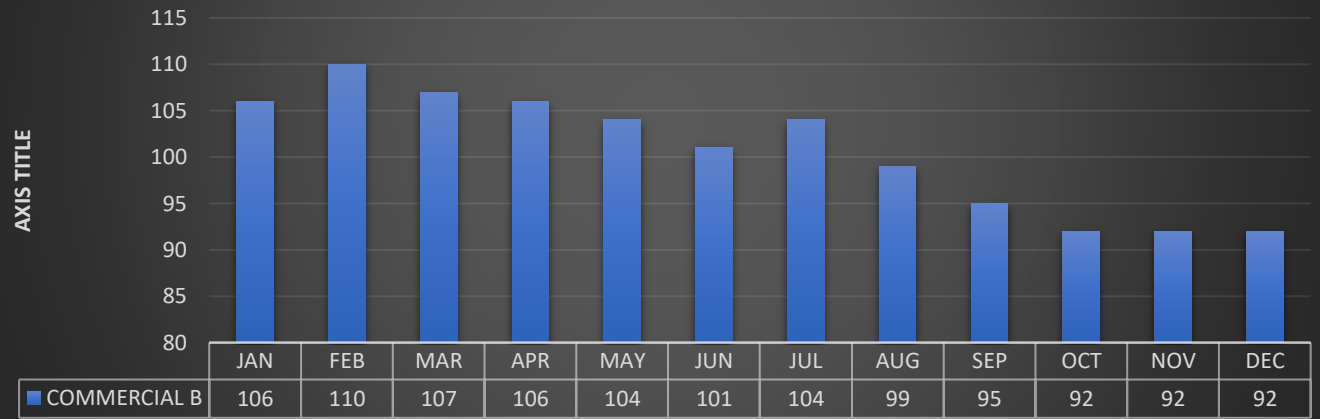
MONTHLY BILLED CONNECTIONS BY CLASSIFICATIONS (JANUARY TO DECEMBER 2021)						
MONTH	RESIDENTIAL	GOVERNMENT	COMMERCIAL/ INDUSTRIAL	COMMERCIAL A	COMMERCIAL B	COMMERCIAL C
JANUARY	4079	54	155	50	106	1
FEBRUARY	4123	53	161	49	110	1
MARCH	4199	54	159	49	107	1
APRIL	4258	55	172	52	106	1
MAY	4277	55	178	52	104	1
JUNE	4395	56	183	55	101	1
JULY	4480	56	181	56	104	1
AUGUST	4561	56	186	58	99	1
SEPTEMBER	4668	62	187	59	95	1
OCTOBER	4732	62	199	59	92	1
NOVEMBER	4779	63	198	58	92	1
DECEMBER	4839	64	208	61	92	1

#### GRAPHICAL PRESENTATION

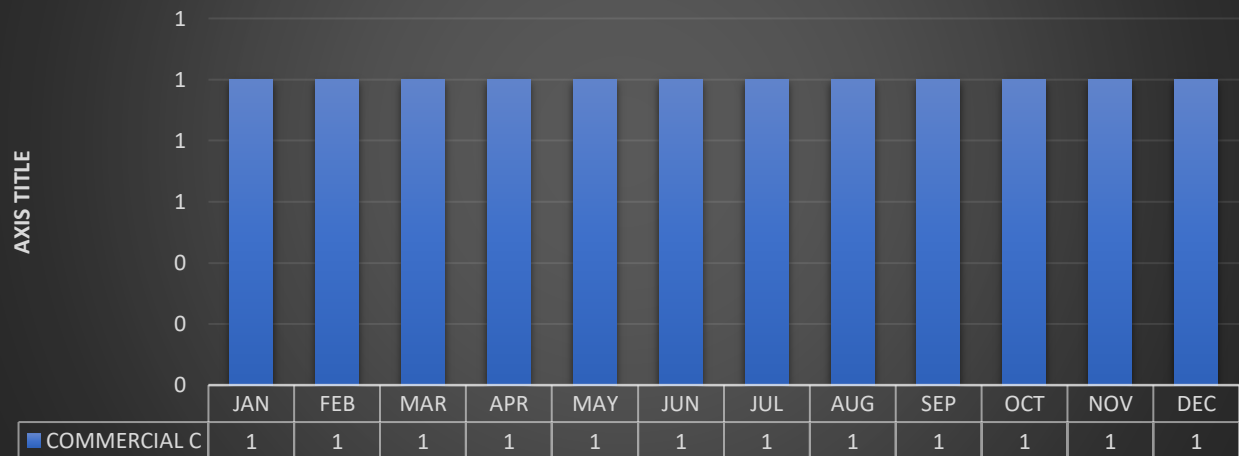




## COMMERCIAL B BILLED CONNECTION JANUARY TO DECEMBER 2021



## COMMERCIAL C BILLED CONNECTION JANUARY TO DECEMBER 2021



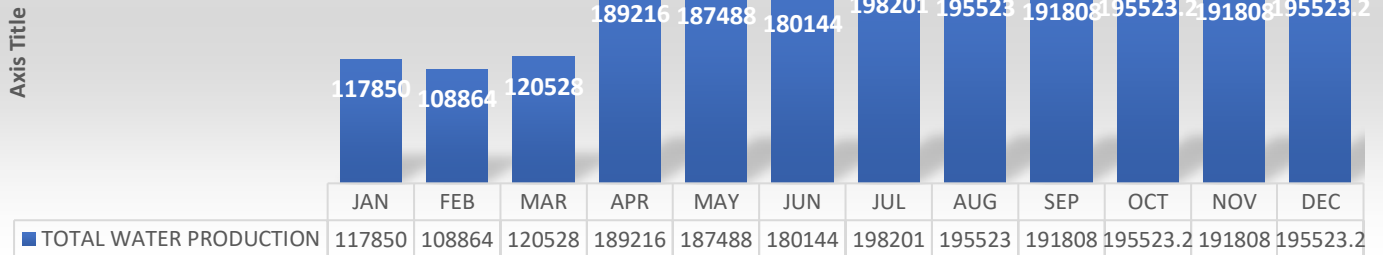
## V. PRODUCTION & METERED DATA

WATER PRODUCTION (CUBIC METER) JANUARY TO DECEMBER 2021				
MONTH	GRAVITY (SPRINGS)	PUMPED (DEEP WELLS)	SURFACE WATER (WATER TREATMENT FACILITY)	TOTAL
JANUARY	93,744.00	24,106.00		117,850.00
FEBRUARY	89,510.00	19,354.00	-	108,864.00
MARCH	99,101.00	21,427.00	-	120,528.00
APRIL	93,312.00	-	95,904.00	189,216.00
MAY	91,066.00	-	96,422.00	187,488.00
JUNE	82,944.00	-	97,200.00	180,144.00
JULY	109,814.00	-	88,387.00	198,201.00
AUGUST	109,814.00	-	85,709.00	195,523.00
SEPTEMBER	106,272.00	-	85,536.00	191,808.00
OCTOBER	109,814.40	-	85,708.80	195,523.20
NOVEMBER	108,864.00	-	82,944.00	191,808.00
DECEMBER	109,814.40	-	85,708.80	195,523.20

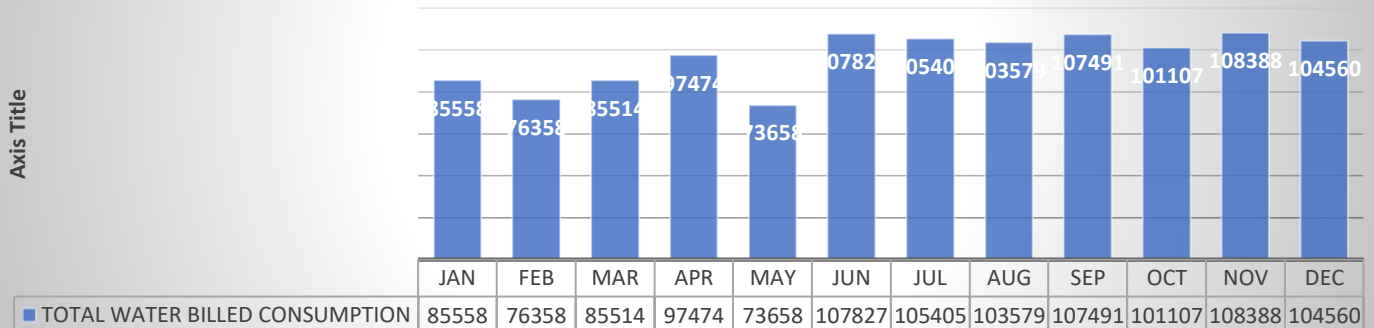
BILLED CONSUMPTION (CUBIC METERS)				
MONTH	RESIDENTIAL	GOVERNMENT	COMMERCIAL (IND/COM-A/COM-B/COM-C)	TOTAL
JANUARY	70,709.00	3,546.00	11,303.00	85,558.00
FEBRUARY	62,907.00	3,175.00	10,276.00	76,358.00
MARCH	71,842.00	2,868.00	10,804.00	85,514.00
APRIL	80,826.00	3,024.00	13,624.00	97,474.00
MAY	60,796.00	2,661.00	10,201.00	73,658.00
JUNE	89,511.00	4,076.00	14,240.00	107,827.00
JULY	87,883.00	4,212.00	13,310.00	105,405.00
AUGUST	86,645.00	3,884.00	13,050.00	103,579.00
SEPTEMBER	90,125.00	4,391.00	12,975.00	107,491.00
OCTOBER	83,882.00	4,272.00	12,953.00	101,107.00
NOVEMBER	89,965.00	4,349.00	14,074.00	108,388.00
DECEMBER	86,334.00	4,254.00	13,972.00	104,560.00

## GRAPHICAL PRESENTATION

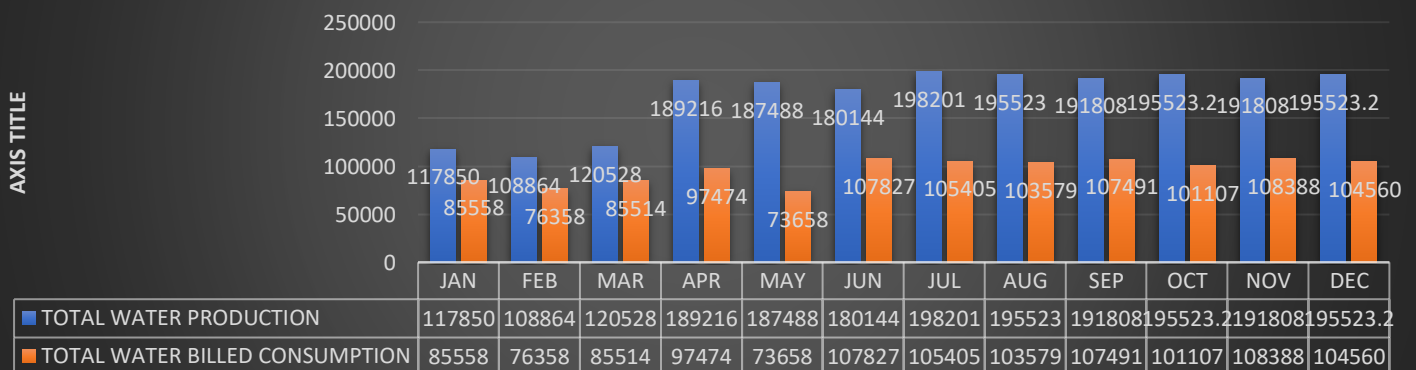
### TOTAL WATER PRODUCTION BY CUBIC METER - JANUARY TO DECEMBER 2021



### TOTAL WATER BILLED CONSUMPTION BY CUBIC METER - JANUARY TO DECEMBER 2021



### WATER PRODUCTION VS BILLED CONSUMPTION JANUARY TO DECEMBER 2021



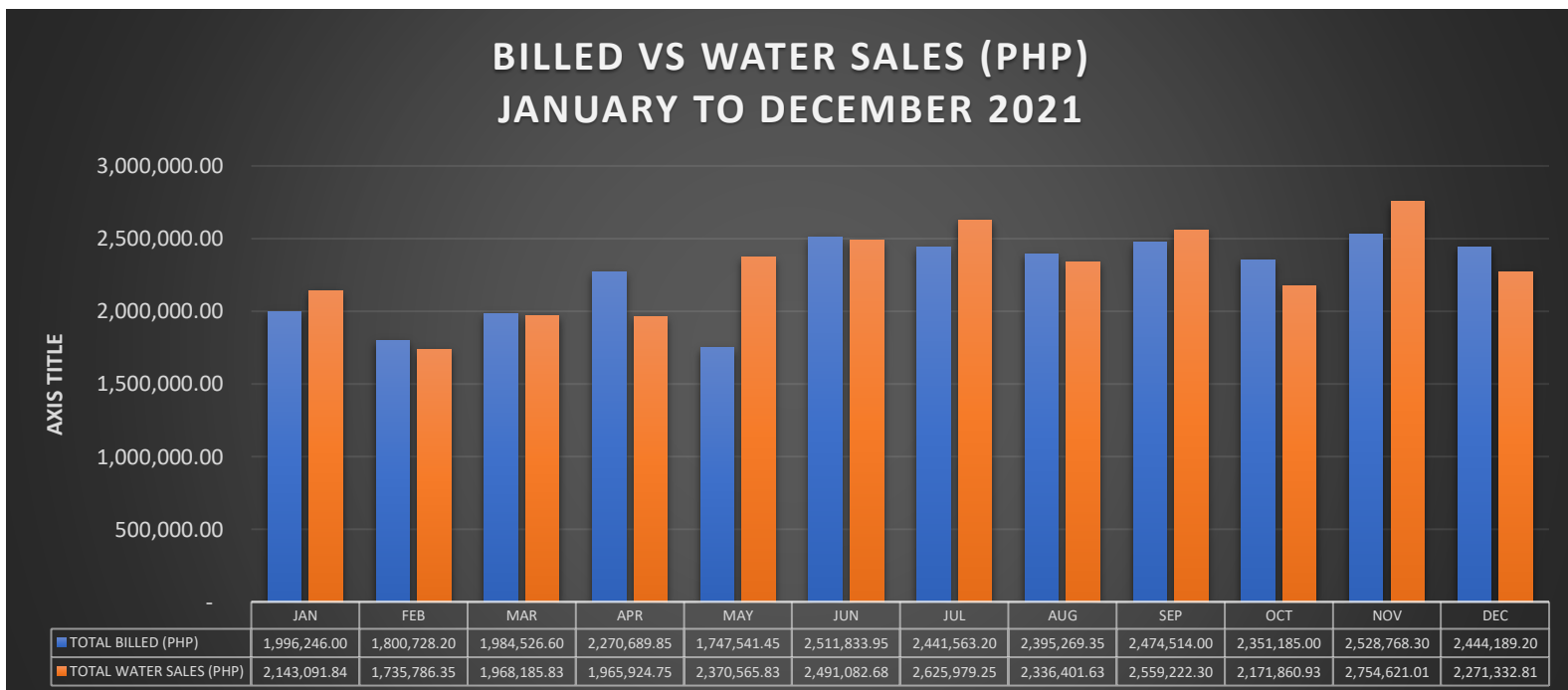
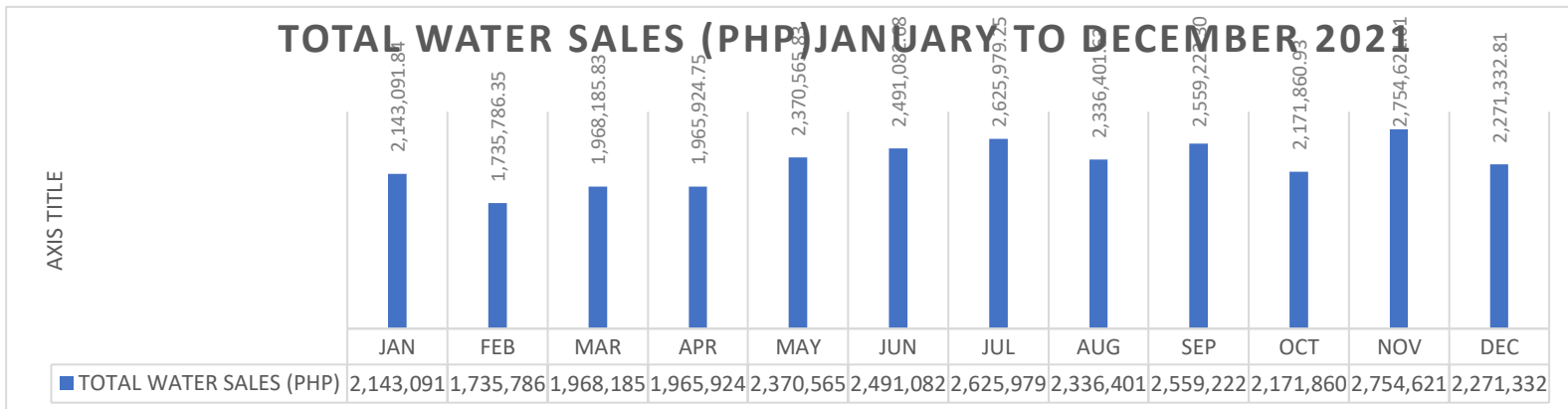
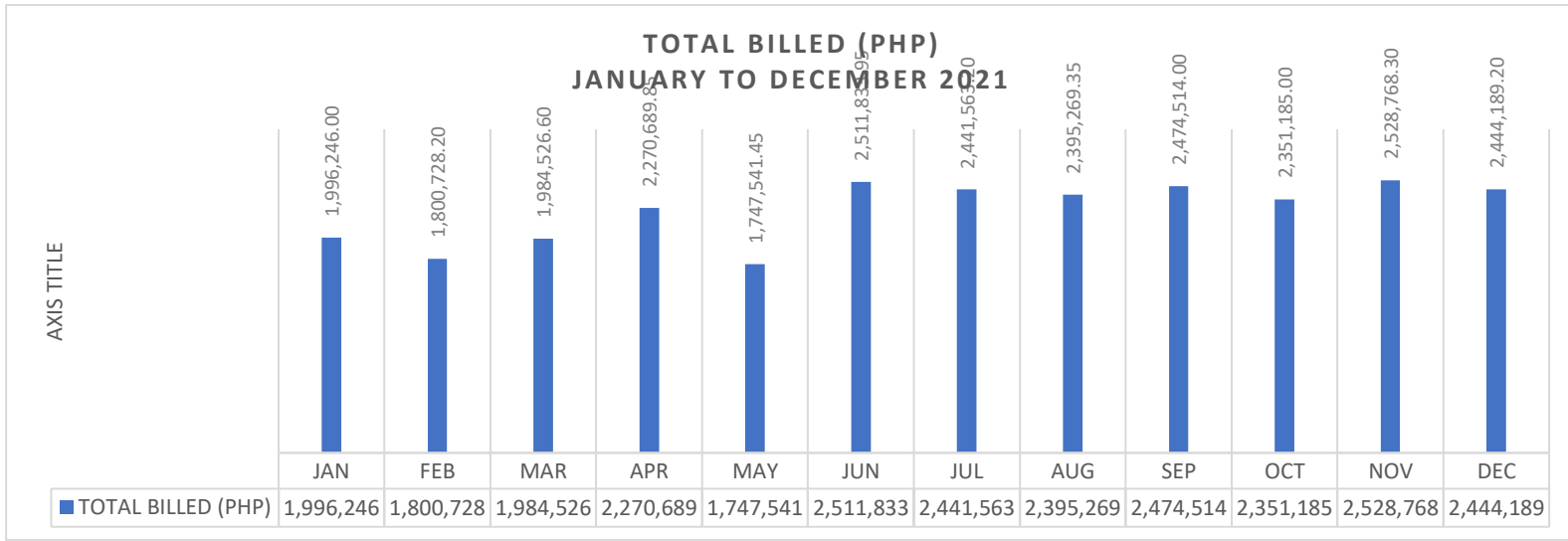
## VI. COLLECTION DATA

BILLED ACCOUNTS BY CLASSIFICATION (PHP) JANUARY TO DECEMBER 2021				
MONTH	RESIDENTIAL	GOVERNMENT	COMMERCIAL (IND/COM-A/COM-B/ COM-C)	TOTAL
JANUARY	1,451,580.75	82,401.75	462,263.50	1,996,246.00
FEBRUARY	1,306,858.25	73,532.75	420,337.20	1,800,728.20
MARCH	1,479,906.25	66,362.25	438,258.10	1,984,526.60
APRIL	1,643,674.25	69,653.75	557,361.85	2,270,689.85
MAY	1,272,148.75	61,968.00	413,424.70	1,747,541.45
JUNE	1,822,468.00	95,054.75	594,311.20	2,511,833.95
JULY	1,786,371.00	98,240.25	556,951.95	2,441,563.20
AUGUST	1,759,102.75	90,637.75	545,528.85	2,395,269.35
SEPTEMBER	1,832,722.00	102,408.50	539,383.50	2,474,514.00
OCTOBER	1,709,640.25	98,766.75	542,778.00	2,351,185.00
NOVEMBER	1,834,650.50	101,005.00	593,112.80	2,528,768.30
DECEMBER	1,763,003.50	98,467.50	582,718.20	2,444,189.20

ACTUAL WATER SALES (PHP) JANUARY TO DECEMBER 2021				
MONTH	CURRENT ACCOUNT	CURRENT ARREARS	PREVIOUS ARREARS	TOTAL
JANUARY	1,338,919.19	268,839.69	535,332.96	2,143,091.84
FEBRUARY	1,034,338.62	622,359.57	79,088.16	1,735,786.35
MARCH	1,211,368.64	728,780.23	28,036.96	1,968,185.83
APRIL	1,248,758.72	706,046.80	11,119.23	1,965,924.75
MAY	1,107,281.44	1,222,704.59	40,579.80	2,370,565.83
JUNE	1,492,076.21	978,055.82	20,950.65	2,491,082.68
JULY	1,487,163.99	1,124,345.00	14,470.26	2,625,979.25
AUGUST	1,457,771.94	866,835.56	11,794.13	2,336,401.63
SEPTEMBER	1,461,068.44	1,086,229.71	11,924.15	2,559,222.30
OCTOBER	1,253,640.15	912,711.78	5,509.00	2,171,860.93
NOVEMBER	1,558,607.63	1,179,880.09	16,133.29	2,754,621.01
DECEMBER	1,366,264.68	890,681.05	14,387.08	2,271,332.81

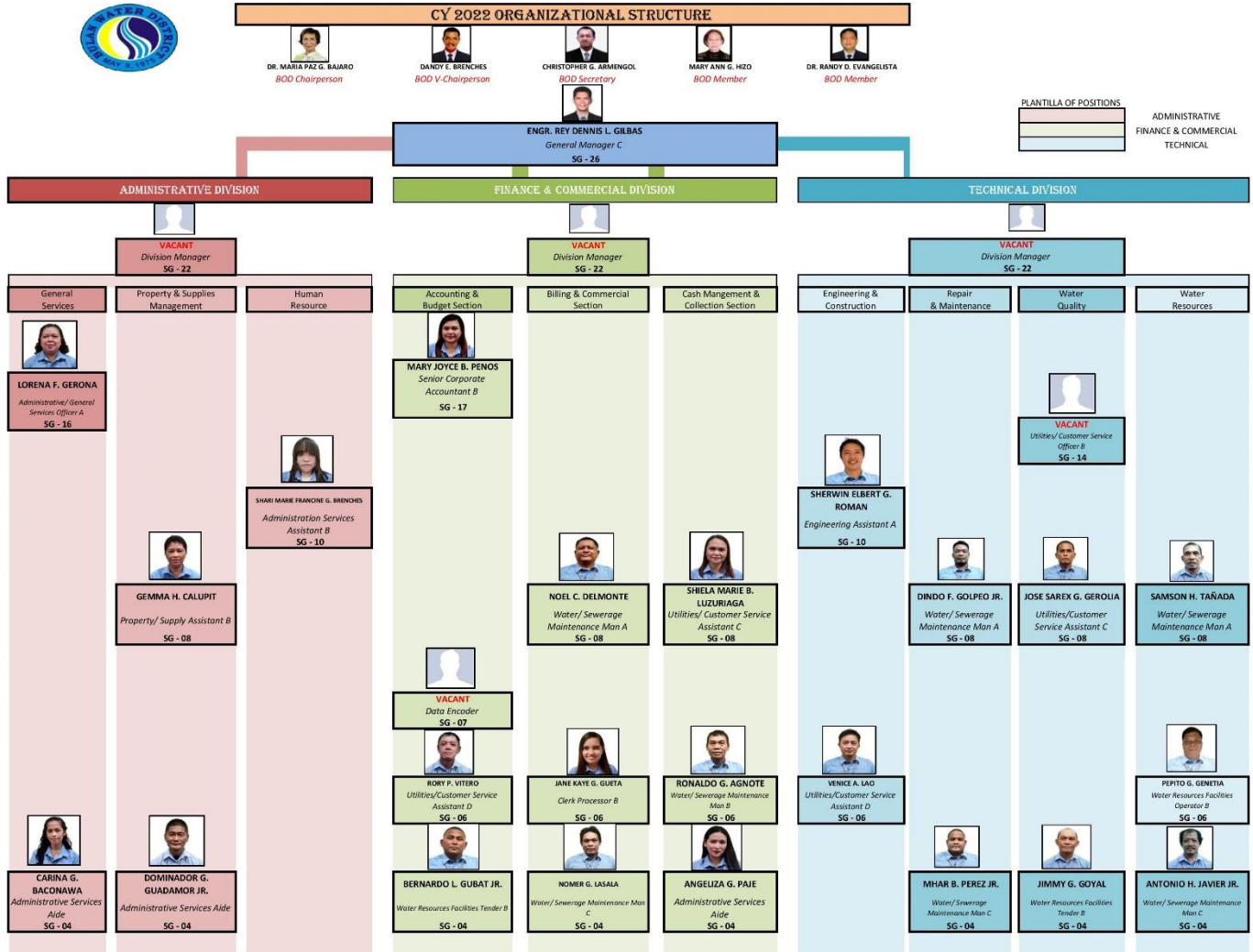


## GRAPHICAL PRESENTATION



# ORGANIZATIONAL STRUCTURE

## CY 2021



2021

## HIGHLIGHTS OF ACCOMPLISHMENT REPORT

### A. Completion of ICG – Project Php 70,000,000.00 (Phase 1 – Design and Build for the Upgrading and Rehabilitation of BWD Water System & Phase 2 - Design and Build of 5000 cmd capacity Water Treatment Facility.

The ICG Project amounting to Php 70,000,000.00 has been completed in the Year 2021 for Phase 1 – Upgrading and Rehabilitation of BWD Water System & Phase 2 – Construction of 5000 CMD Capacity Water Treatment Facility of Brgy. Lajong. The Bulan Water District has utilized the New Water Source by April 2021 and has excessively provided improvement in the water supply for the Concessionaires of Bulan.



**BULAN WATER DISTRICT**  
DE VERA ST., ZONE-4, BULAN, SORSOGON

**Tel No. : (056) 555-2605**  
**Hotline : 0921-217-6855**

**Email:**  
bulanwaterdistrict@gmail.com

**Facebook:**  
@BulanWater District

The banner includes a circular logo on the top left with the text 'BULAN WATER DISTRICT' and '1975'. The main image shows a two-story building under construction. Below this, there are several smaller images: a blue water filtration unit, workers in blue uniforms, a worker in a trench, a worker on a ladder, and a group of people working on a large blue pipe.



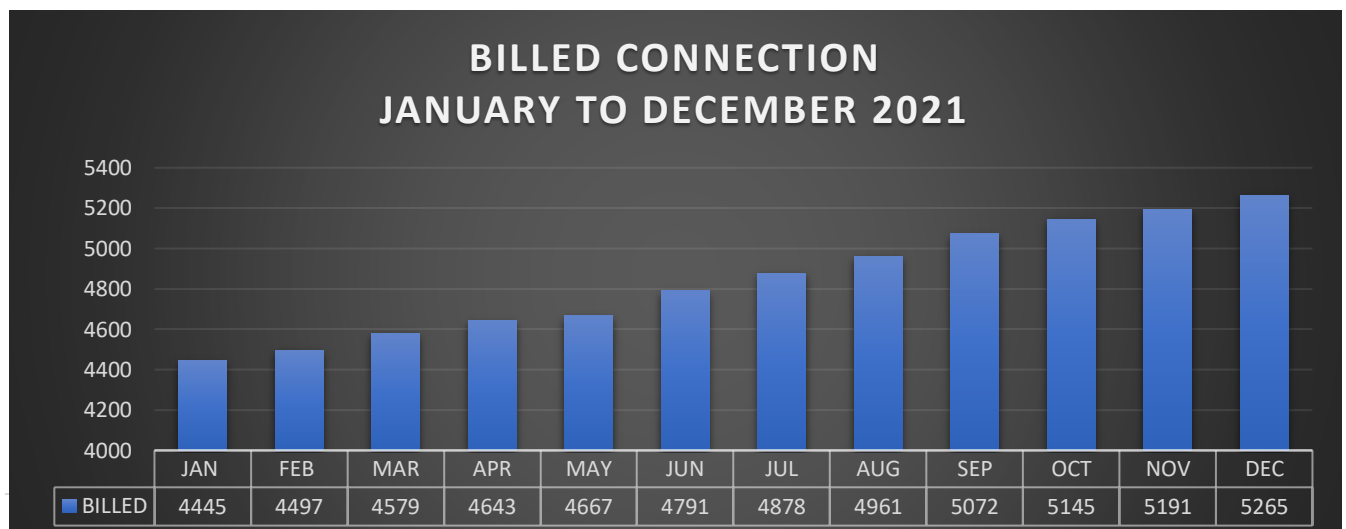
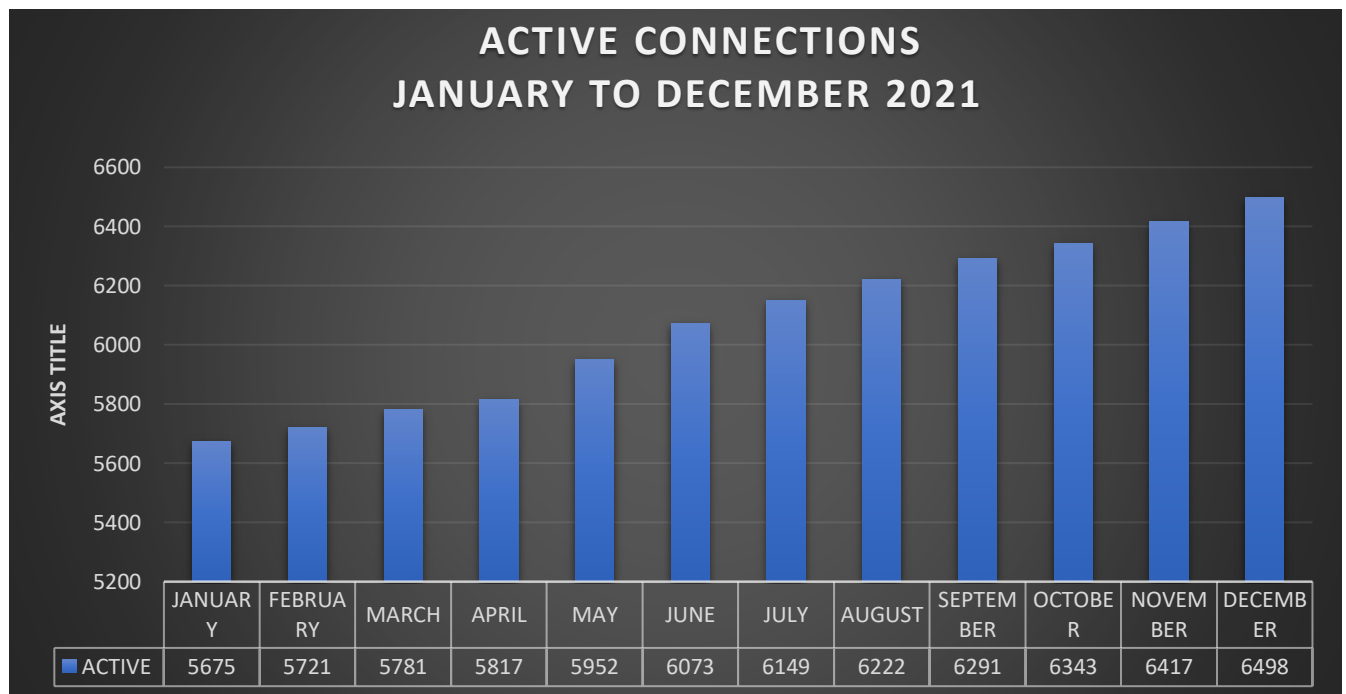
**B. Water Sources Development – New Spring Source – Lakha Spring of Brgy. Dolos, Bulan, Sorsogon**

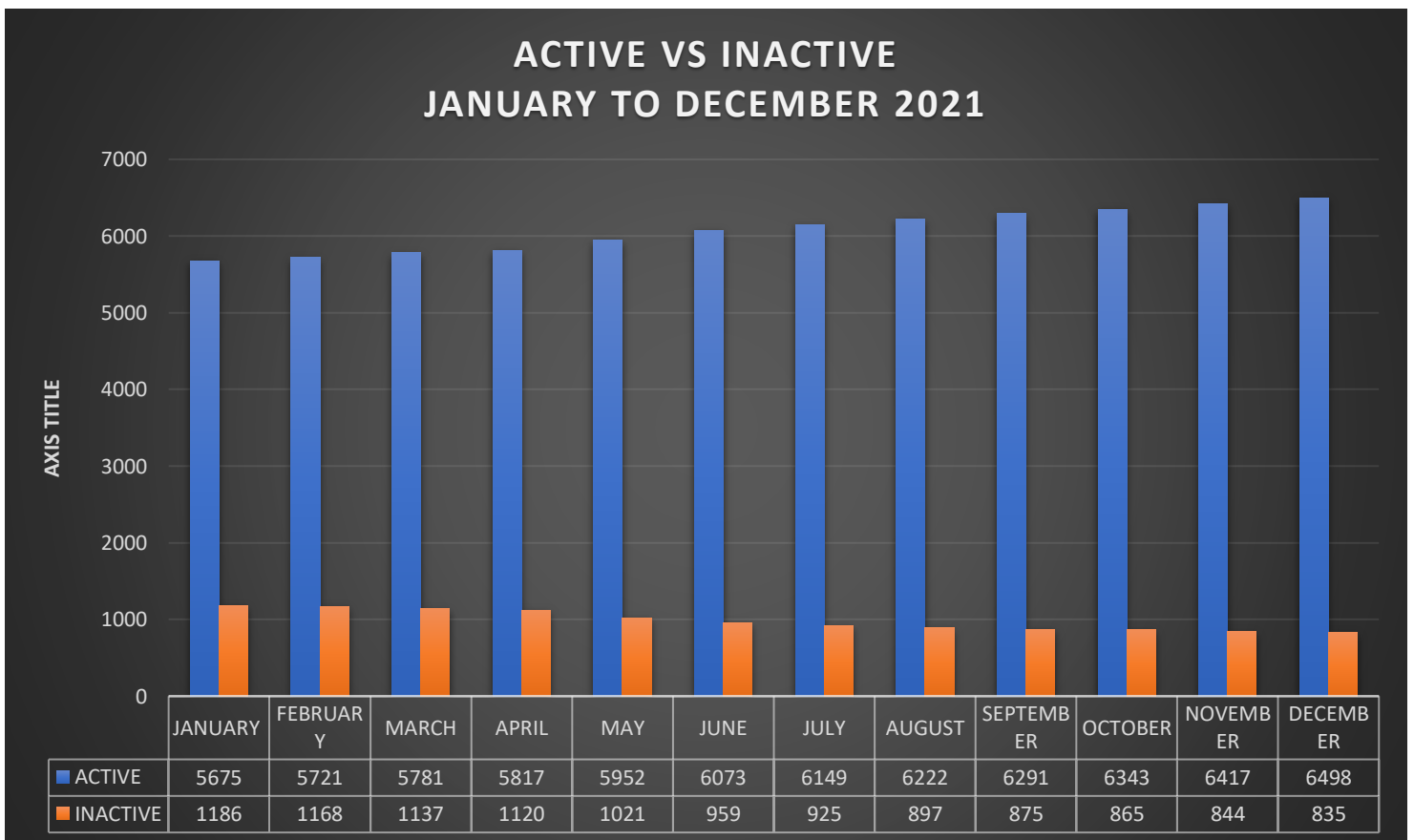
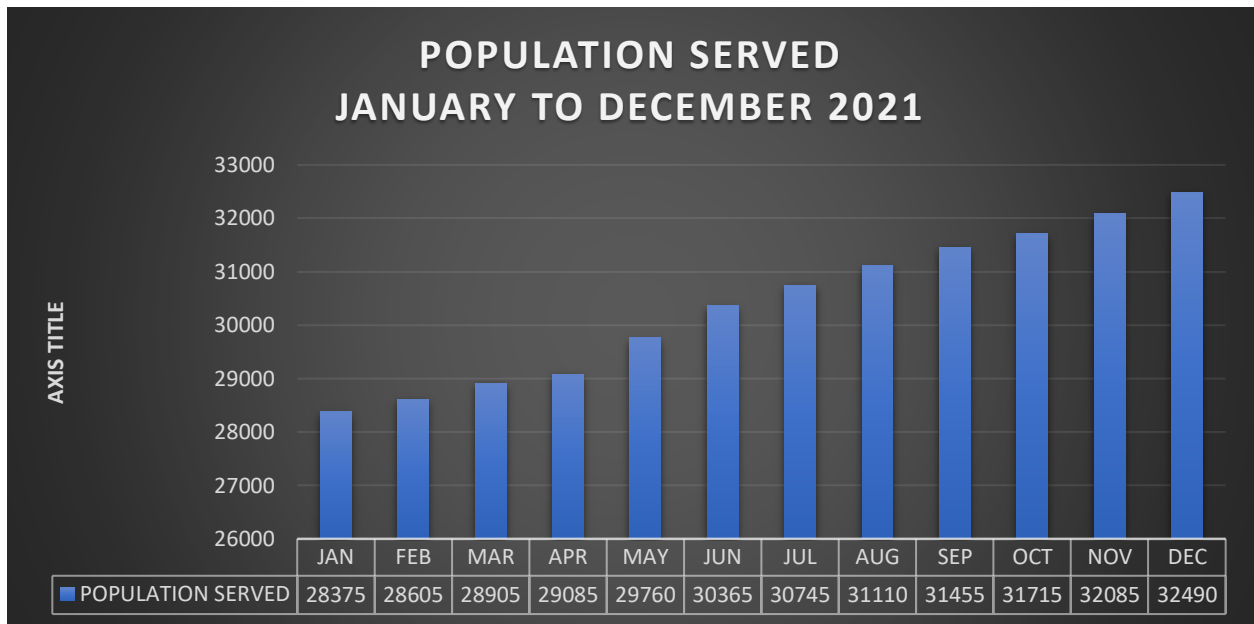
To ensure sufficiency of Water Supply, the Bulan Water District has conducted the Water Source Development of a New Spring Source name Lakha Spring at the Brgy. Dolos, Bulan, Sorsogon. The Spring has undergone Physical/Chemical Test and has complied to the Philippine National Standards for Drinking Water (PNSDW). The Additional Water Source will now generate abundant water supply and sufficiency specially every Summer or during drought.



### C. Improvement and Increase in Service Connections (Population Served, Active, & Billed)

The Sufficiency of Water Supply has provided improvement of the Number of Service Connections based on Population Served (Active & Billed Connections). With the Addition of New Spring Source – Lakha Spring and the Construction of 5000 CMD Capacity Water Treatment Facility both tested in compliance to the Philippine National Standards for Drinking Water. BWD has gained a Billed Connection of 5265 by the end of December 2021.







#### **D. Intensive Implementation of Programs and Projects to the Reduction of Non-Revenue Water (NRW)**

The Bulan Water District has committed to the Reduction of Non-Revenue Water (NRW) in which programs and projects has been created to address this matter. The BWD has reiterated the utilization of Hydrants to the BFP thru Board Resolution No.024 S. of 2020 Code 03 – Policy Guidelines in the Grant of Request for Bulk Water Supply thru Transport Services & Resolution No. 025 S. of 2020 Code 03 – Policy Guidelines in the Utilization of Water Hydrants.

A Monitoring Officer has been situated at the Location of Road Widening Projects of DPWH and LGU Bulan to guide the Contractors to ensure safety of Main Distribution Lines during excavation. Damager on Water Distribution Lines are now billed to Contractors and have submitted Demand Letters on the Non-Revenue Water due to leakage and other disrupted equipment.

Benchmarking activity conducted by the Calabanga Water District thru the Test of Portable Flow Meter/Clamp Meter, to be utilized for testing at the Water Sources of Bulan Water District.

Recording Repairs and Maintenance Date and Duration for Water Data Analysis to improve programs for the Reduction of Non-Revenue Water (NRW).





**E. Expansion and Extension to three (4) new Baranggays namely: Brgy. Sta. Remedios, Brgy. Beguin, Brgy. Calomagon & Brgy. San Juan Bag-o**

With the sufficiency in water supply, the Bulan Water District have conducted the Expansion and Extension projects for (4) new Baranggays such as Brgy. Sta. Remedios, Brgy. Beguin, Brgy. San Juan Bag-o and Brgy. Calomagon. These are potential Baranggays for Potential Service Connections that will be added to the current Baranggay Served of the Bulan Water District. The Baranggay Council is also as supportive as ever to ensure that their constituents or the potential concessionaires of BWD will be given sufficient water supply.





**F. Continuous Development and Maintenance at the Mini-Watershed of the Bulan Water District at Brgy. Dolos, Bulan, Sorsogon.**

The Sangguniang Bayan of LGU Bulan has approved the Resolution No. 070 S. of 2019 or the Declaration of the Lot of BWD at Maribok Spring, Bulan, Sorsogon as a protected Mini Watershed Area as per BWD Resolution No. 09 and No.08 S. of 2019 Code 20. The Bulan Water District have been conducting maintenance and development of the Mini Watershed. Conducted Tree Planting Activities and Monitoring of the Watershed Management Section Head and Water Sources Caretaker to ensure the Maintenance of the Mini Watershed at Brgy. Dolos, Bulan, Sorsogon. Endemic and Fruit Bearing Trees has been planted around the BWD Mini Watershed through the years. Seedlings are also maintained the Brgy. Calpi, Bulan, Sorsogon for future utilization on Tree Planting.





## G. Proposals to the LGU-Bulan for the Development of Septage Management

The Bulan Water District has continuously conducted efforts in the Compliance of the Agency's Mandate, one of which is the Development of Septage Management. In 2021 the BWD Management have submitted a proposal on the Structural Design of the Septage Management Facility to the Office of the Mayor, and have requested the Sangguniang Bayan and the Office of the Mayor for a at least a 500 Sq.M Lot to be utilized for the Septage Management. The continuous commitment of the Bulan Water District to secure water safety has urge to seek the assistance of the LGU Bulan for us to work hand and hand to achieve this mandate.

Republic of the Philippines  
**BULAN WATER DISTRICT**  
De Vera St., Zone-4, Bulan, Sorsogon  
Tel No. (056) 555-2605; Email- wdbulan@yahoo.com  
**BOARD OF DIRECTORS**



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**EXCERPT FROM MINUTES OF MEETING OF THE MEMBERS OF THE BOARD OF DIRECTORS HELD AT THE BULAN WATER DISTRICT WATER TREATMENT FACILITY, BRGY. LAJONG ON DECEMBER 29, 2021**

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**Present:**

Dr. Maria Paz G. Bajaro	-	Chairperson
Mr. Dandy E. Brenches	-	Vice-Chairperson
Christopher G. Armengol	-	Member/Secretary
Mary Ann G. Hizo	-	Member
Dr. Randy D. Evangelista	-	Member
Rey Dennis L. Gilbas	-	General Manager
Shari G. Brenches	-	Recorder

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**RESOLUTION 025 SERIES OF 2021 CODE 03**

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**RESOLUTION REQUESTING THE LOCAL GOVERNMENT UNIT OF BULAN FOR A 500 SQ.M TO 1000 SQ.M LOT AT THE ECOPARK, BRGY. CALOMAGON FOR THE SEPTAGE TREATMENT FACILITY IN THE MANAGEMENT OF THE BULAN WATER DISTRICT IN ACCORDANCE TO THE DILG MC NO. 2019-62 – POLICY GUIDELINES ON SEWAGE TREATMENT AND SEWAGE MANAGEMENT SYSTEM, RA NO. 9275 CLEAN WATER ACT, RA 7160 LOCAL GOVERNMENT CODE & THE PD 198 – THE WATER DISTRICT LAW**

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**WHEREAS**, in compliance the DILG MC No. 2019-62 – Policy Guidelines on Sewage Treatment and Sewage Management System. Septage Management Program (SMP) aims to improve urban sanitation and the environment through the reduction of domestic wastewater pollution load that will eventually finds its way to bodies of water including water sources.

**WHEREAS**, Under Section 20 of RA No. 9275 or the Clean Water Act of 2004 provides that Local Government Units share the responsibility in the management and improvement of water quality within

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**Now, THEREFORE BE IT RESOLVED**, to REQUEST THE LOCAL GOVERNMENT UNIT OF BULAN FOR A 500 SQ.M TO 1000 SQ.M LOT AT THE ECOPARK, BRGY. CALOMAGON FOR THE SEPTAGE TREATMENT FACILITY IN THE MANAGEMENT OF THE BULAN WATER DISTRICT IN ACCORDANCE TO THE DILG MC NO. 2019-62 – POLICY GUIDELINES ON SEWAGE TREATMENT AND SEWAGE MANAGEMENT SYSTEM, RA NO. 9275 CLEAN WATER ACT, RA 7160 LOCAL GOVERNMENT CODE & THE PD 198 – THE WATER DISTRICT LAW

**RESOLVE FURTHER**, that copy of this resolution be furnished to the Office of the Mayor and the Sangguniang Bayan of Bulan.

**THEREFORE**, on unanimous accord, the Board in session BE IT ...  
**RESOLVED**, as it is hereby resolved, **APPROVING this resolution.**


Approved this 29<sup>th</sup> DAY OF DECEMBER 2021

Certified correct:

  
**SHARI MARIE FRANCINE G. BRENCHES**  
BOD Recorder


Attested:

  
**DR. MARIA PAZ G. BAJARO**  
Chairperson

  
**DANDY E. BRENCHES**  
Vice- Chairperson

  
**MARY ANN G. HIZO**  
BOD Member

  
**CHRISTOPHER G. ARMENGOL**  
Member/Secretary

  
**DR. RANDY D. EVAGELISTA**  
BOD Member

## H. Revision of Business Plan and Introduction of the Strategic Plan to Improve the 4Cs for the Operations (Connection, Consumption, Collection & Customer Satisfaction)

The LWUA conducted a Webinar on the Updated Business Plan Template, in which the Bulan Water District have participated to improve and revise the Business Plan with Based Year of CY 2020 for another 5 Year Business Plan (2021 to 2026). The Bulan Water District has submitted a 2021 Version of Business Plan as per June 2021 Data with the following:

### Jun-21 PROJECTED CASHFLOW

	Base Year		Planning Period ( 2022 - 2026 )				
	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025	Year 2026
<b>BASIC PROJECTIONS</b>							
Year-End Connections	4,380	5,189	5,751	6,188	6,599	6,977	7,311
Mid-Year Connections	4,689	4,787	5,471	5,971	6,395	6,790	7,146
Market Growth/Year	(144)	809	562	437	411	378	334
Served Population (Mid-Year)	25,914	26,508	30,576	33,528	36,036	38,376	40,482
Service Area Population	27,955	32,704	35,605	38,461	41,158	43,576	46,275
% Served of Municipal/City Population	24.4%	24.6%	28.1%	30.4%	32.3%	34.0%	35.4%
Average Consumption per Connection per Month	16.8	21.5	21.5	21.5	21.5	21.5	21.5
Total Annual Billed Water (in cu.m.)	921,051	1,235,412	1,414,200	1,538,495	1,649,037	1,750,072	1,842,348
% Non-Revenue Water	27.3%	35.0%	34%	33%	32%	31%	30%
Production (m <sup>3</sup> /yr)	1,284,516	1,927,031	2,172,487	2,328,154	2,458,736	2,571,563	2,668,480
Purchased Water (m <sup>3</sup> /yr)	-	-	-	-	-	-	-
Effective Water Rate/cu.m.(PHP/m <sup>3</sup> ), average for the year	23.99	23.99	23.99	23.99	23.99	23.99	23.99
% Rate Increase	0%	0%	0%	0%	0%	0%	0%
<b>REVENUES (PHP)</b>							
Annual Gross Water Sales	22,095,173	29,388,878	33,280,080	35,989,724	38,399,554	40,597,292	42,609,381
Add: Other Revenues from Specific Fees/Charges	1,261,300	1,513,560	1,500,000	1,565,000	1,600,000	1,650,000	1,700,000
Environmental Fees Income	-	-	-	-	-	-	-
Total Revenues (from Pricing Strategy)	23,356,473	30,902,439	34,780,080	37,554,724	39,999,554	42,247,292	44,309,381
Multiply by: Collection Efficiency Ratio (CE Ratio)	0.96	0.96	0.96	0.96	0.96	0.96	0.96
<b>CASH RECEIPTS (PHP)</b>							
Current Water Sales	21,211,366	28,213,323	31,948,876	34,550,135	36,863,572	38,973,401	40,905,006
Collection of Prior Years' Arrears	873,029	960,332	1,056,366	1,162,002	1,278,202	1,406,023	1,546,025
Environmental Fees	-	-	-	-	-	-	-
Other Receipts	1,261,300	1,513,560	1,500,000	1,565,000	1,600,000	1,650,000	1,700,000
Loan Proceeds	-	66,976,056	-	-	-	-	-
Grants/Subsidies	-	-	-	-	-	-	-
Total Cash Receipts	23,345,696	97,663,272	34,505,242	37,277,137	39,741,774	42,029,423	44,151,031
<b>CASH DISBURSEMENTS (PHP)</b>							
O & M Costs/Expenses-							
Salaries and Wages	7,015,537	8,342,800	8,850,232	9,381,246	9,681,446	10,678,635	11,041,708
Power and Fuel	1,373,200	3,028,890	4,165,930	4,553,722	4,857,225	5,130,916	5,324,289
Chemicals	923,087	1,544,603	1,741,348	1,866,122	1,970,790	2,061,226	2,138,909
Other O&M (Fixed)	5,916,663	5,975,830	6,465,848	6,918,457	7,375,075	8,164,208	8,458,120
Other O&M (Variable)	1,044,117	1,684,043	1,943,917	2,121,574	2,272,226	2,412,575	2,539,066
Purchased Water	-	-	-	-	-	-	-
Total O & M	16,272,604	20,576,166	23,167,275	24,841,121	26,156,762	28,447,560	29,502,093
Debt Service-							
Debt Service on Existing LWUA Loans	611,170	733,404	733,404	2,674,494	5,025,297	4,658,616	4,658,616
Debt Service on Existing Loans Outside LWUA	2,538,000	2,538,000	2,538,000	2,538,000	2,538,000	1,534,309	-
Debt Service on Loan Arrears from LWUA	-	836,242	418,121	-	-	-	-
Debt Service on Loan Arrears from Outside LWUA	-	-	-	-	-	-	-
Debt Service on Loan for on-going projects	-	1,188,591	2,100,000	1,225,000	-	-	-
Debt Service on Proposed Loans (New Loans for PIAPs)	-	-	-	-	-	-	-
Total Debt Service	3,149,170	5,296,237	5,789,525	6,437,494	7,563,297	6,192,925	4,658,616
Capital Expenditures-							
Own Funds/ICG	3,147,203	850,000	1,360,000	1,627,000	2,025,000	3,764,000	4,424,000
Investments thru Loans	21,519,335	66,976,056	-	-	-	-	-
Grants/Subsidies	-	-	-	-	-	-	-
Total Capital Expenditures	24,666,537	67,826,056	1,360,000	1,627,000	2,025,000	3,764,000	4,424,000
Other Payables	-	2,000,000	2,500,000	2,500,000	2,000,000	1,500,000	1,500,000
Reserves	470,499	881,666	998,402	1,079,692	1,151,987	1,217,919	1,278,281
Franchise Tax	434,572	587,778	665,602	719,794	767,991	811,946	852,188
<b>TOTAL DISBURSEMENTS (PHP)</b>	44,993,382	97,167,903	34,480,803	37,205,101	39,665,037	41,934,349	42,215,178
<b>NET CASH INFLOW/(DEFICIT)</b>	(21,647,686)	495,369	24,439	72,036	76,738	95,075	1,935,853
<b>BEGINNING CASH BALANCE</b>	<b>2,907,038</b>	<b>1,485,824</b>	<b>1,981,193</b>	<b>2,005,631</b>	<b>2,077,667</b>	<b>2,154,405</b>	<b>2,249,479</b>
<b>ENDING CASH BALANCE</b>	<b>1,485,824</b>	<b>1,981,193</b>	<b>2,005,631</b>	<b>2,077,667</b>	<b>2,154,405</b>	<b>2,249,479</b>	<b>4,185,332</b>
3-Months O & M	-	5,144,042	5,791,819	6,210,280	6,539,191	7,111,890	7,375,523
Ending Cash Balance + Reserves	-	2,862,859	3,004,034	3,157,359	3,306,391	3,467,398	5,463,613

Note: Subject for Changes upon Update by CY 2022



## I. Improvement/Update of the Disaster Risk Reduction Management Manual

The Bulan Water District grows and improve, and due to the experience, the agency has been Climate Resilient and has been improving the Disaster Risk Reduction Management Manual, the CY 2021 have included the Safety Protocols Against Covid19 Pandemic, for it has affected the Operations and the movement of the Workforce. It has been imperative that the Agency will always secure and safe for whatever Disaster, Phenomena and other Calamities that may be encountered by the Agency. We commit to the safe and quality delivery of Water Supply and have ensured that the Safety Officer will be monitoring the needs of personnel and improvement of facilities for safety. One of the programs to secure safety in the workplace, is the distribution of Safety Equipment during the conduct of their duties and responsibilities.



## Improvement/Update to the Citizens' Charter for CY 2021

Due to the Pandemic the Bulan Water District have created programs that will be convenient to the Concessionaires of the Agency. These are the following notable improvements in the Customers Services:

- o Massive Utilization of FB Messenger, Hotline & Email (Contact Number updated on the Database)
- o Online Filing of Senior Citizen Application for Discount
- o Online Filing of Application for New Connection
- o Online Payment for the Installation of New Connection

### COVID19 – RESPONSE FOR NON- FACE-TO-FACE TRANSACTION

#### EXTERNAL SERVICES (SOCIAL PARTICIPATION AGAINST COVID19 thru E-GOVERNANCE – S.P.A.CE) PROGRAM

##### 1. INSTALLATION OF NEW WATER SERVICE CONNECTION (ONLINE APPLICATION)

Office Classification	Bulan Water District (BWD)			
Type of Transaction	Complex			
Who may be avail?	L2C- Local Water District to Concessionaires Potential concessionaires residing within the Baranggay Served by the Bulan Water District			
CHECKLIST OF REQUIREMENTS		WHERE TO SECURE?		
<ul style="list-style-type: none"> <li>Internet Connection</li> <li>Email/Celphone Number/Facebook</li> <li>Application Form for New Water Service Connection</li> <li>Certificate of Appearance from Orientation on Water Service Connection</li> <li>Brgy. Clearance</li> <li>Photocopy of Cedula</li> <li>Business Permit (Optional for Commercial only)</li> </ul>		<ul style="list-style-type: none"> <li>PACD of BWD (Social Media Facilitator)</li> <li>BWD Seminar Facilitator</li> <li>Concessionaire's Baranggay</li> <li>LGU – BULAN DTI, LGU – BULAN</li> </ul>		
CLIENT STEPS	AGENCY ACTION	FEES TO PAID	PROCESSING TIME	PERSON TO RESPONSIBLE

##### 2. APPLICATION FOR SENIOR CITIZEN DISCOUNT (New & Renewal)

Office Classification	Bulan Water District (BWD)			
Type of Transaction	Simple			
Who may be avail?	Concessionaire to Local Water District Concessionaires that are Verified Senior Citizen with Existing Water Service Connection in the Bulan Water District			
CHECKLIST OF REQUIREMENTS		WHERE TO SECURE?		
<ul style="list-style-type: none"> <li>Internet</li> <li>Email/Celphone Number/ Facebook</li> <li>Scanned Copy Application Form</li> <li>Scanned Photocopy of Senior Citizen ID</li> <li>Account Name is under the Senior Citizen</li> </ul>		<ul style="list-style-type: none"> <li>BWD CSA or PACD</li> </ul>		
CLIENT STEPS	AGENCY ACTION	FEES TO PAID	PROCESSING TIME	PERSON TO RESPONSIBLE
<b>Step 1</b> Email the Commercial Division with Subject: Application for SC Discount_Full Name_Address  Thru: <a href="mailto:commercialdivisionbwd@gmail.com">commercialdivisionbwd@gmail.com</a>  Or Message the Facebook Account	Verification if there is an Existing Account in the Office   Email or Message via Messenger	None	5 Minutes per Concessionaire   5 Minutes per Concessionaires	<b>JANE KAYE G. GUETA</b> Clerk Processor B   <b>SHARI MARIE FRANCINE G. BRENCHES</b> HRMO



**K. Implementation of Social Participation Against Covid19 thru E-Governance or S.P.A.C.E Program thru the following:**

- Team Scheme – Workforce**
- E-Governance thru Zoom Meetings and Team Viewers**
- Development of Geographical Information System (GIS) and other LAN System for efficient database management**
- Sanitation & Maintenance of Facilities**
- IEC Materials and Fliers**

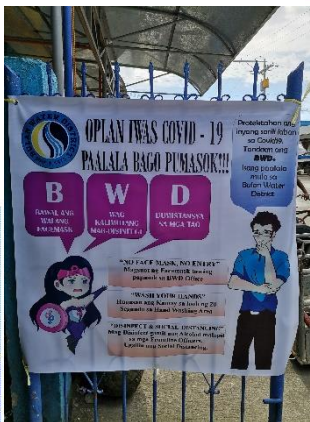
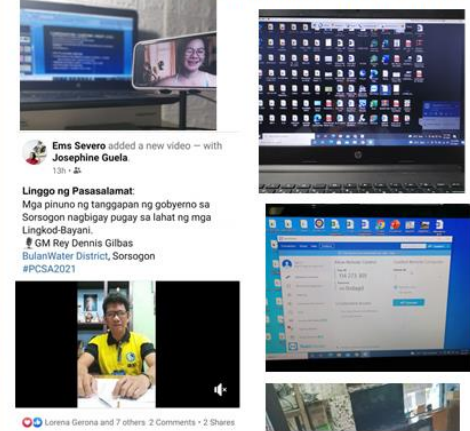
SANITATION & MAINTENANCE OF BULAN WATER DISTRICT FACILITIES TO ENSURE SAFETY OF WORKPLACE AND WORKFORCE



TEAM WORK SCHEME (1/2 OF EMPLOYEES STAYS AT THE ADMIN OFFICE—POBLACION AREA & 1/2 OF EMPLOYEES WORK AT THE LAJONG TREATMENT FACILITY ADMIN BLDG.



UTILIZATION OF E-GOVERNANCE PLATFORM, ZOOM MEETINGS, TEAM VIEWER, MONITORING FROM HOME AND OTHER SAFETY PROTOCOL PROGRAMS



UTILIZATION AND DEVELOPMENT OF THE GEOGRAPHICAL (GIS) INFORMATION SYSTEM TO HAVE A DIGITAL PRESENTATION OF WATER SOURCES, DISTRIBUTION LINE, SERVICE CONNECTION WITH COMPLETE DATABASE

**THANK YOU!**