

**MONCADA WATER DISTRICT
POBLACION 2, MONCADA, TARLAC**

**GENERAL ANNUAL
BUDGET 2023**



MONCADA WATER DISTRICT

POBLACION 2, MONCADA, TARLAC

TEL. NO.: (045) 606-5407/493-1950/09175267009

WEBSITE: WWW.MONCADAWD.GOV.PH

GENERAL ANNUAL BUDGET

20
23

water

Precious water, precious life





BASIC FEATURES

- THE EXISTING WATER RATES WILL BE MAINTAINED IN THE FIRST QUARTER OF CY 2023
 MINIMUM CHARGE: **Php 185.00**
 EFFECTIVE WATER RATE: **Php 21.70**

	MIN. CHARGE	COMMODITY CHARGE				
		11-20 CU.M.	21-30 CU.M.	31-40 CU.M.	41-50 CU.M.	51CU.M.-UP
DOMESTIC/RESIDENTIAL	185.00	20.00	21.95	24.20	26.90	30.00
COMMERCIAL/INDUSTRIAL	370.00	40.00	43.90	48.40	53.80	60.00
COMMERCIAL A	323.75	35.00	38.40	42.35	47.05	52.50
COMMERCIAL C	231.50	25.00	27.40	30.25	33.60	37.50

* AND WATER RATES INCREASE OF 25%, RESULTING TO A MINIMUM CHARGE OF PHP 231.25 AND AN EFFECTIVE RATE OF PHP 27.28 / CU. M. , WILL BE IMPLEMENTED IN APRIL 2023 DUE TO THE FOLLOWING REASONS:

1. INCREASE IN ELECTRIC POWER CHARGES
2. INCREASE IN DIESEL / GASOLINE / OIL PRICES
3. INCREASE IN COSTS OF WATER SERVICE MATERIALS
4. INCREASE IN SALARIES AND NUMBER OF EMPLOYEES

- THE MWD MANAGEMENT IS SETTING THE FOLLOWING PERFORMANCE TARGETS WHICH ARE WITHIN INDUSTRY AVERAGE FOR CATEGORY C WATER DISTRICT;

ON-TIME PAID COLLECTION:	52%
COLLECTION EFFICIENCY:	98%
COLLECTION RATIO:	100%

- MARKET GROWTH IS 220 NEW SERVICE CONNECTIONS FOR EXISTING SERVICE AREAS, INCLUDING EXPANSION AREAS IN BRGYS. STA. LUCIA WEST, STA. MARIA, CALAPAN, SAPANG, BURGOS, AND TOLEGA SUR.
- MONTHLY AVERAGE CONSUMPTION PER SERVICE CONNECTION IS 18 CUBIC METERS PER MONTH.
- NON-REVENUE WATER (NRW) TARGET FOR THE YEAR IS 20%.
- THE WATER DISTRICT IS PROJECTING A TOTAL BILLED WATER OF 2,000,160 CUBIC METERS, INCLUDING THE PROCUREMENT OF 365,000 CUBIC METERS FROM BULK WATER PROVIDER. FROM THE 9,150 SERVICE CONNECTIONS AT THE START OF 2023 AND A TOTAL OF 9,370 SERVICE CONNECTIONS AT THE END OF 2023.
- WITH THE IMPLEMENTATION OF A 25% INCREASE OF WATER RATES IN APRIL 2023, THE PROJECTED TOTAL BILLED WATER SALES WILL BE PHP 53,873,310.82 , INCLUDING THE ADDITIONAL 4% PENALTY FEES FROM LATE PAYMENTS OF WATER BILL.
- THE PROJECTED TOTAL COLLECTIONS BASED ON 98% COLLECTION EFFICIENCY IS PHP 52,795,844.60
- THE WATER DISTRICT IS PROJECTING A TOTAL RECEIPTS OF PHP 54,621,844.60 TO BE GENERATED FROM WATER



GENERAL DATA

• SERVICE CONNECTIONS:

BEGINNING: JANUARY 2023 9,150
ENDING: DECEMBER 2023 9,370

• MARKET GROWTH:

220 NEW SERVICE CONNECTIONS

• AVERAGE MONTHLY CONSUMPTION PER SERVICE CONNECTION:

EIGHTEEN (18) CUBIC METERS (CU.M.) PER MONTH

• BILLED WATER:

DISTRICT: 1,635,160 CUBIC METERS
BULK WATER: 365,000 CUBIC METERS

• NON – REVENUE WATER:

TWENTY (20) PERCENT

• WATER RATES:

JANUARY 2023 TO MARCH 2023

MINIMUM RATE: Php 185.00 at 10 cubic meters
EFFECTIVE RATE: Php 21.70 per cubic meter

APRIL 2023 TO DECEMBER 2023

MINIMUM RATE: Php 231.25 @ 10 cu.m
EFFECTIVE RATE: Php 27.28 per cubic meter

• EFFICIENCY:

ON-TIME PAID: 52%
COLLECTION EFFICIENCY: 98%
COLLECTION RATIO: 100%

• DEBT SERVICES:

LWUA LOANS: PHP 2,102,090.00

• FRANCHISE TAX:

2% OF GROSS RECEIPTS

• PENALTY CHARGES:

4% OF WATER SALES

• OTHER REVENUES

REGISTRATION / INSTALLATION FEE: PHP 2,000.00
WATER METER MAINTENANCE FEE: 1,500.00
SALES OF MATERIALS: 5,000.00

**CAPITAL EXPENDITURES 1****I. MACHINERY & EQUIPMENTS – ICG FUNDS**

A. PURCHASE, UPGRADE AND INSTALLATION OF SYSTEM CONTROL AND DATA ACQUISITION FOR PUMP OPERATIONS (SCADA) BURGOS PUMP STATION.	1 Lot	450,000.00
B. PURCHASE AND INSTALLATION OF VARIABLE FREQUENCY DRIVES (VFD) AND AUTOMATIC CONTROL SWITCH (ATS) 1. RIZAL PUMP STATION 2. LAPSING PUMP STATION	2 Lots	650,000.00
C. PURCHASE/REPAIR/REPLACEMENT AND INSTALLATION OF CCTV AND CAMERAS FOR PUMPING STATIONS	1 Lot	100,000.00
D. UPGRADING OF PERSONAL COMPUTER FOR TECHNICAL, ACCOUNTING AND COMMERCIAL	3 Lots	200,000.00

II. INFRASTRUCTURE (WATER QUALITY ASSURANCE) – ICG FUNDS

A. PURCHASE AND INSTALLATION OF SAND SEPARATOR FOR RIZAL PS	1 Lot	1,000,000.00
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III. TRANSMISSION AND DISTRIBUTION MAIN LINES - ICG FUNDS

A. PURCHASE OF MATERIALS AND LABOR COSTS FOR SERVICE AREA EXPANSIONS		2,000,000.00
B. PURCHASE OF MATERIALS AND LABOR COSTS FOR REPLACEMENT OF OLD MAIN LINES AND TRANSFER OF CUSTOMER SERVICE LINES		

IV. MACHINERIES AND EQUIPMENTS (PPE) – ICG FUNDS

A. INSTALLATION OF SECONDARY POWER LINE EXTENSION @ BURGOS-2 P.S		300,000.00
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SUB TOTAL 1		4,700,000.00
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CAPITAL EXPENDITURES 2

V. CONSTRUCTION OF CIVIL WORKS FOR BURGOS WATER SUPPLY SYSTEM - ICG FUNDS / DBP LOANS		6,092,000.00
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A. PIPELINES, FITTINGS & APPURTENANCES		
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B. ELECTRO – MECHANICAL EQUIPMENTS		
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C. WATER STORAGE TANK		
D. POWER SUPPLY		100,000.00
E. PERIMETER FENCE / SITE DEVELOPMENT		100,000.00
F. PUMP HOUSE/INSTALLATION OF CCTV CAMERAS ✓		100,000.00
CAPITAL EXPENDITURES 3		
VI. CONSTRUCTION/ RENOVATION OF MWD ADMINISTRATIVE BUILDING AND OFFICES PHASE 1 – ICG FUNDS / DBP LOANS	1 Lot	10,000,000.00
CAPITAL EXPENDITURES 4		
VII. MACHINERIES AND EQUIPMENTS (POWER PRODUCTION) – ICG / DBP LOANS		
A. PURCHASE AND INSTALLATION OF SOLAR POWER SYSTEM FOR PUMPING OPERATION	1 Lot	4,000,000.00
	SUB TOTAL 2	20,392,000.00
	GRAND TOTAL	25,092,000.00



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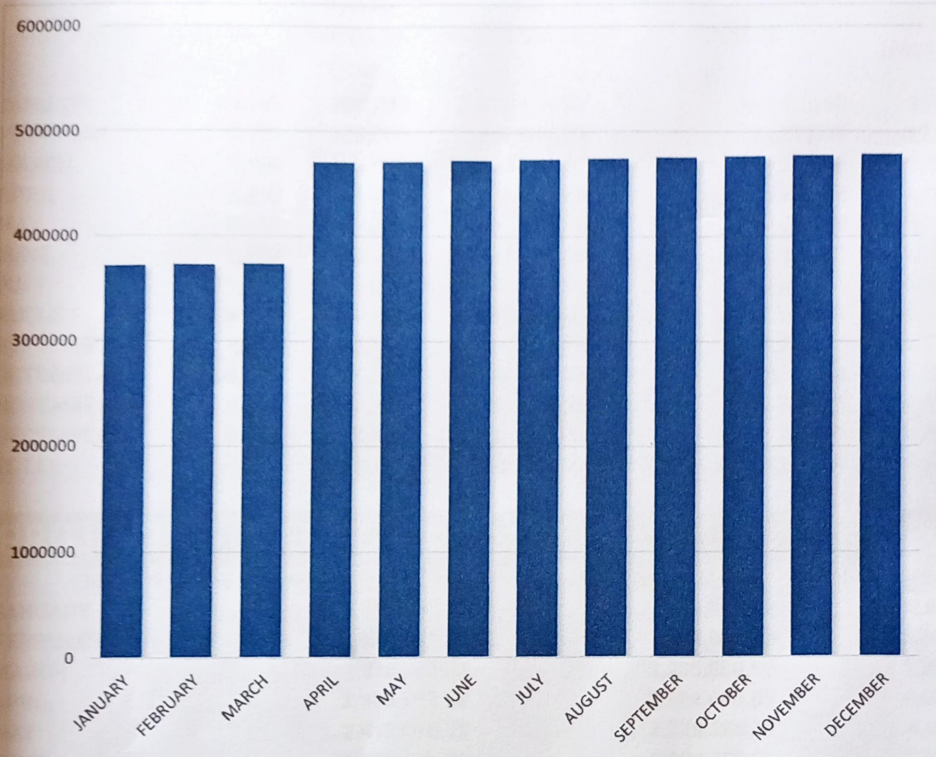


SERVICE OF POTABLE WATER

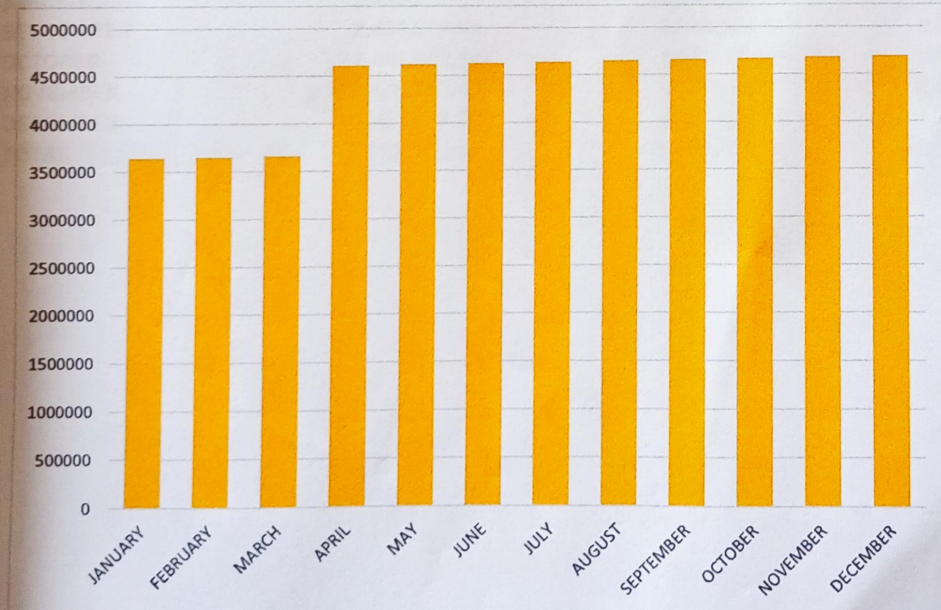


2023 PROJECTED BILLINGS AND COLLECTIONS

PROJECTED BILLINGS



PROJECTED COLLECTIONS





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24/7
SERVICE OF
POTABLE
WATER



PROJECTED BILLINGS

MONTHS	NO. OF SERVICE CONNECTIONS	WATER SALES IN CU.M.	WATER SALES	PENALTY	TOTAL BILLING WATER SALES
JANUARY	9,150	164,700	3,573,990.00	142,959.60	3,716,949.60
FEBRUARY	9,170	165,060	3,581,802.00	143,272.08	3,725,074.08
MARCH	9,190	165,420	3,589,614.00	143,584.56	3,733,198.56
APRIL	9,210	165,780	4,522,478.40	180,899.14	4,703,377.54
MAY	9,230	166,140	4,532,299.20	181,291.97	4,713,591.17
JUNE	9,250	166,500	4,542,120.00	181,684.80	4,723,804.80
JULY	9,270	166,860	4,551,940.80	182,077.63	4,734,018.43
AUGUST	9,290	167,220	4,561,761.60	182,470.46	4,744,232.06
SEPTEMBER	9,310	167,580	4,571,582.40	182,863.30	4,754,445.70
OCTOBER	9,330	167,940	4,581,403.20	183,256.13	4,764,659.33
NOVEMBER	9,350	168,300	4,591,224.00	183,648.96	4,774,872.96
DECEMBER	9,370	168,660	4,601,044.80	184,041.79	4,785,086.59
TOTAL	220	2,000,160	52,080,818.40	2,083,232.74	53,873,310.82

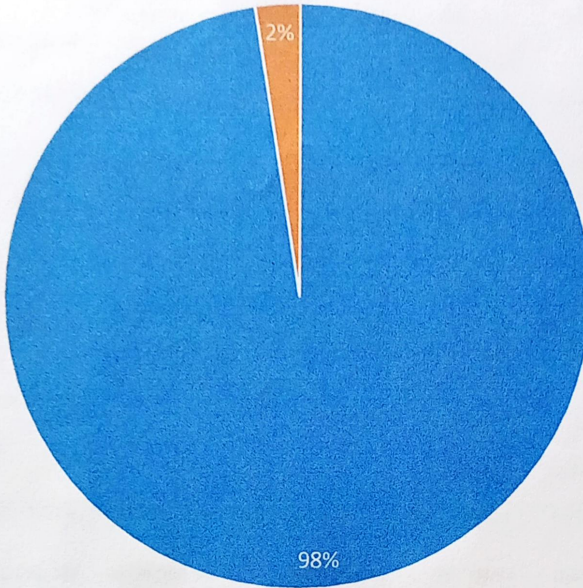
PROJECTED COLLECTIONS

MONTH	CURRENT (52%)	ARREARS (48%)	COLLECTIONS (98%)
JANUARY	1,904,508.10	1,758,007.48	3,642,610.61
FEBRUARY	1,908,648.34	1,761,829.23	3,650,572.60
MARCH	1,912,788.57	1,765,650.99	3,658,534.59
APRIL	2,409,853.36	2,224,480.02	4,609,309.99
MAY	2,415,058.22	2,229,284.51	4,619,319.34
JUNE	2,420,263.09	2,234,089.01	4,629,328.70
JULY	2,425,467.96	2,238,893.50	4,639,338.06
AUGUST	2,430,672.83	2,243,697.99	4,649,347.42
SEPTEMBER	2,435,877.69	2,248,502.49	4,659,356.78
OCTOBER	2,441,082.56	2,253,306.98	4,669,366.14
NOVEMBER	2,446,287.43	2,258,111.47	4,679,375.50
DECEMBER	2,451,492.29	2,262,915.96	4,689,384.86
TOTAL	27,602,000.44	25,478,769.63	52,795,844.60



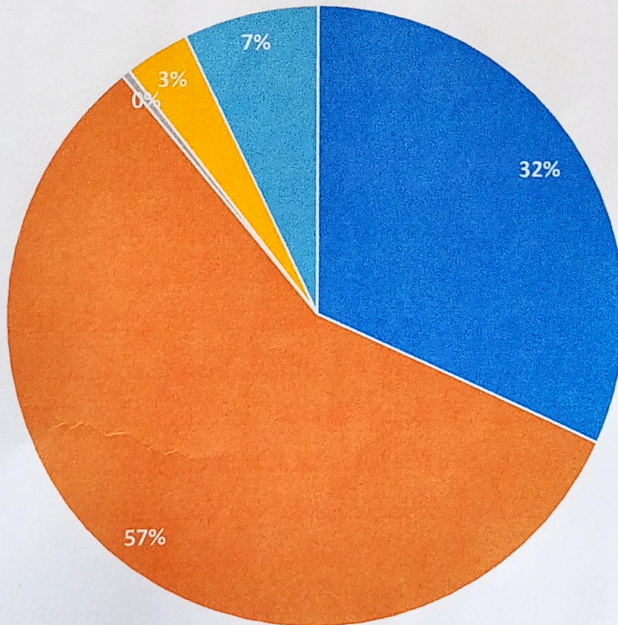
2023 CASH FLOW CHART

RECEIPTS



■ WATER SALES ■ REGISTRATION FEE, SALES OF MATERIALS

DISBURSEMENT



■ PERSONAL SERVICES ■ MOOE ■ INTEREST EXPENSES ■ LOANS PAYABLE ■ CAPEX



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SERVICE OF
POTABLE
WATER



CASH FLOW PROJECTION

RECEIPTS:	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	TOTAL
WATER SALES	10,951,717.80	13,857,958.03	13,948,042.27	14,038,126.50	52,795,844.60
REGISTRATION FEE, SALES OF MATERIALS	456,500.00	456,500.00	456,500.00	456,500.00	1,826,000.00
TOTAL	11,408,217.80	14,314,458.03	14,404,542.27	14,494,626.50	54,621,844.60

DISBURSEMENT:	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	TOTAL
PERSONAL SERVICES	3,533,932.90	4,155,415.90	3,905,138.40	5,951,313.73	17,545,800.93
MOOE	7,955,513.34	8,092,763.34	7,582,763.34	7,932,763.34	31,563,803.36
INTEREST EXPENSES	60,343.50	60,343.50	60,343.50	60,343.50	241,374.00
LOANS PAYABLE	465,179.00	465,179.00	465,179.00	465,179.00	1,860,716.00
CAPEX 1	1,100,000.00	1,500,000.00	1,500,000.00	600,000.00	4,700,000.00
CAPEX 2 - BURGOS WSS	6,392,000.00	-	-	-	6,392,000.00
CAPEX 3 - Construction Office Bldg.		6,000,000.00	4,000,000.00		10,000,000.00
CAPEX 4 - Solar Power Systems			2,000,000.00	2,000,000.00	4,000,000.00
TOTAL	19,506,968.74	20,273,701.74	13,513,424.24	17,009,599.57	76,303,694.29

NET CASH INFLOW / OUTFLOW	(8,098,750.94)	(5,959,243.71)	891,118.03	(2,514,973.07)	(21,681,849.69)
CASH BALANCE: BEGINNING	24,000,000.00	15,901,249.06	9,942,005.35	10,833,123.38	24,000,000.00
CASH BALANCE: ENDING	15,901,249.06	9,942,005.35	10,833,123.38	8,318,150.31	2,318,150.31