



**MONCADA WATER DISTRICT**  
POBLACION 2, MONCADA, TARLAC  
TEL. NO.: (045) 606-5407/493-1950/09175267009  
WEBSITE: WWW.MONCADAWD.GOV.PH

# GENERAL ANNUAL BUDGET 2024



SOURCE OF  
POTABLE  
WATER





## BASIC FEATURES

- THE EXISTING WATER RATES WILL BE MAINTAINED IN THE FIRST QUARTER OF CY 2024

MINIMUM CHARGE: **Php 185.00**  
 EFFECTIVE WATER RATE: **Php 22.07**

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

\* AND WATER RATES INCREASE OF 15% (as per pending approval of water rate increase. BR. 21. S. of 2023), RESULTING TO A MINIMUM CHARGE OF PHP 212.75 AND AN EFFECTIVE RATE OF PHP 25.42 / CU. M. , WILL BE IMPLEMENTED IN APRIL 2024 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
5. SYSTEM AND INFRASTRUCTURE IMPROVEMENTS
  - a. capital expenditure 1
    - I. machinery and equipment
    - II. water quality assurance
    - III. expansion project
    - IV. transportation equipment
  - b. capital expenditure 2
    - I. water quality assurance
    - II. alternative/renewable energy (solar power system)
  - c. capital expenditure 3
    - I. calapan water supply system
  - d. capital expenditure 4
    - I. sta. monica water supply system
  - e. capital expenditure 5
    - I. construction/renovation of admin building

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

ON-TIME PAID COLLECTION: 52%  
 COLLECTION EFFICIENCY: 98%  
 COLLECTION RATIO: 72%

- MARKET GROWTH IS 330 NEW SERVICE CONNECTIONS FOR EXISTING SERVICE AREAS, INCLUDING EXPANSION AREAS IN BRGY. STA. LUCIA WEST, SAN PEDRO, CALAPAN, SAPANG, AND TOLEGA SUR.



- MONTHLY AVERAGE CONSUMPTION PER SERVICE CONNECTION IS PROJECTED TO REACH 18 CUBIC METERS PER MONTH DUE TO THE FULL OPERATION OF THE NEW PUMPING STATION LOCATED IN BRGY. BURGOS.
- NON-REVENUE WATER (NRW) TARGET FOR THE YEAR IS 20%.
- THE WATER DISTRICT IS PROJECTING A TOTAL BILLED WATER OF 2,106,000 CUBIC METERS, INCLUDING THE PROCUREMENT OF 365,000 CUBIC METERS FROM BULK WATER (MASCOTA PROVIDER). WATER DISTRICT ALSO HAVE THE PROPOSED 365,000 CUBIC METER FROM BULK WATER (STA. MONICA PROVIDER) TO BE PROCURED ANY TIME OF THIS YEAR. FROM 9,585 SERVICE CONNECTIONS AT THE START OF 2024 AND A TOTAL OF 9,915 SERVICE CONNECTIONS AT THE END OF 2024.
- WITH THE IMPLEMENTATION OF A 15% INCREASE OF WATER RATES EFFECTIVE ON APRIL 2024, THE PROJECTED TOTAL BILLED WATER SALES WILL BE PHP 53,866,973.16, INCLUDING THE ADDITIONAL 4% PENALTY FEES FROM LATE PAYMENTS OF WATER BILL.
- THE PROJECTED TOTAL COLLECTIONS BASED ON 98% COLLECTION EFFICIENCY IS PHP 52,789,633.70
- THE WATER DISTRICT IS PROJECTING TOTAL RECEIPTS OF PHP 56,419,633.70 TO BE GENERATED FROM WATER SALES COLLECTION, REGISTRATION / INSTALLATION FEES AND SALES FROM SERVICE CONNECTION MATERIALS.
- THE PROJECTED TOTAL DISBURSEMENT OF PHP 63,787,112.88 ARE AS FOLLOWS.

1. Personal Services ( PS )	Php	19,773,519.98
2. Maintenance & Other Operating Expenses ( MOOE )		34,643,930.90
3. Loan Payments (LWUA )		
3.1 Interest		981,077.00
3.2 Principal		2,588,585.00
4. Capital Expenditures		
4.1 MWD ICG		5,800,000.00
4.2 MWD ICG – PAYABLE WITHIN THREE (3) YEARS		8,500,000.00
4.3 MWD ICG – BULK WATER AGREEMENT		6,159,375.00
4.4 MWD DBP Loans		12,000,000.00

- THE DISTRICT IS PROJECTING TO HAVE A CASH BALANCE BEGINNING OF PHP 18,150,049.21 FOR CY 2024.
- CAPITAL EXPENDITURES FOR SERVICES/FACILITIES IMPROVEMENT AND WATER QUALITY ASSURANCE IS Php 5,800,000.00.
- FUNDS FOR THE CAPITAL EXPENDITURES IN THE AMOUNT OF PHP 8,500,000.00 FOR THE PURCHASE AND INSTALLATION OF SOLAR POWER SYSTEM FOR PUMP OPERATION AND WATER TREATMENT THRU CHEMICALS FOR WATER QUALITY ASSURANCE SHALL BE SOURCED FROM MWD – ICG FOR CY 2024 THAT IS PAYABLE WITHIN THREE (3) YEARS.
- FUNDS FOR THE CAPITAL EXPENDITURES IN THE AMOUNT OF PHP 6,159,375.00 FOR THE BULK WATER AGREEMENT FOR STA. MONICA WATER SUPPLY SYSTEM THRU PRIVATE-PUBLIC PARTNERSHIP LOCATED IN BRGY. STA. MONICA SHALL BE SOURCED FROM MWD – ICG FOR CY 2024
- FUNDS FOR THE CAPITAL EXPENDITURES IN THE AMOUNT OF PHP 12,000,000.00 FOR THE CONSTRUCTION / REPAIR OF MWD ADMINISTRATIVE BUILDING – PHASE 1 SHALL BE SOURCED TO THE PROPOSED FINANCIAL LOANS FROM DEVELOPMENT BANK OF THE PHILIPPINES.
- THE WATER DISTRICT IS PROJECTING A TOTAL CASH OUTFLOW OF P 7,367,479.18 AFTER THE IMPLEMENTATION AND DISBURSEMENT OF CAPITAL EXPENDITURE 1, RESULTING TO CASH BALANCE ENDING (DECEMBER 2024) PHP 10,782,570.03.



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- ADDITIONAL HIRING OF EMPLOYEES (PERMANENT, CONTRACT OF SERVICE AND JOB ORDERS) IS NECESSARY TO FILL UP VACANT POSITIONS IN THE PLANTILLA OF PERSONNELS AND COMPLY WITH THE INDUSTRY AVERAGE FOR EMPLOYEE-CUSTOMER RATIO OF 1:120 AND TO FURTHER IMPROVE THE DELIVERY OF SERVICES TO CUSTOMERS.



## GENERAL DATA

- SERVICE CONNECTIONS:

**BEGINNING: JANUARY 2024 9,585**  
**ENDING: DECEMBER 2024 9,915**

- MARKET GROWTH:

**330 NEW SERVICE CONNECTIONS**

- AVERAGE MONTHLY CONSUMPTION PER SERVICE CONNECTION:

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

- BILLED WATER:

**DISTRICT: 1,741,000 CUBIC METERS**  
**BULK WATER: 365,000 CUBIC METERS**

- NON – REVENUE WATER:

**TWENTY (20) PERCENT**

- WATER RATES:

**JANUARY 2024 TO MARCH 2024**

**MINIMUM RATE: Php 185.00 at 10 cubic meters**  
**EFFECTIVE RATE: Php 22.07 per cubic meter**

**APRIL 2024 TO DECEMBER 2024**

**MINIMUM RATE: Php 212.75 @ 10 cu.m**  
**EFFECTIVE RATE: Php 25.42 per cubic meter**

- EFFICIENCY:

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

- DEBT SERVICES:

**LWUA LOANS: PHP 3,569,662.00**

- 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: 7,500.00**



## CAPITAL EXPENDITURES 1 (MWD-ICG FUNDS)

<b>I. MACHINERY &amp; EQUIPMENTS</b>		
A. PURCHASE AND INSTALLATION OF PRESSURE DATA LOGGERS IN VARIOUS LOCATIONS AND YEARLY SUBSCRIPTION OF GEOGRAPHIC INFORMATION SYSTEM (GIS) FOR MAPPING OF PIPELINE NETWORKS, STRUCTURES, BILLING ACCOUNTS, FITTINGS AND APPURTENANCES	2 Lots	800,000.00
B. PURCHASE/REPAIR/REPLACEMENT AND INSTALLATION OF CCTV AND CAMERAS FOR PUMPING STATIONS AND MONITORING DEVICES AND UPGRADING OF PERSONAL COMPUTER, METER READING DEVICES, PRINTERS FOR TECHNICAL, ACCOUNTING AND COMMERCIAL	4 Lots	700,000.00
<b>II. INFRASTRUCTURE (WATER QUALITY ASSURANCE)</b>		
A. HYPO CHLORINATORS	2 Units	300,000.00
<b>III. TRANSMISSION AND DISTRIBUTION MAIN LINES (SERVICE AREA EXPANSION)</b>		
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		
<b>IV. TRANSPORTATION EQUIPMENT</b>		
A. PURCHASE OF SERVICE MOTOR VEHICLES		2,000,000.00
I. ALL-PURPOSE VEHICLE FOR THE OFFICE OF GENERAL MANAGER/BOARD OF DIRECTOR		
II. ELECTRIC MOTOR BIKE AND/OR MOTORCYCLE VEHICLE FOR COMMERCIAL AND MAINTENANCE SECTION		
	SUB TOTAL 1	5,800,000.00

## CAPITAL EXPENDITURES 2 (MULTI-YEAR PROJECTS)

<b>V. MACHINERY &amp; EQUIPMENTS AND WATER QUALITY ASSURANCE – MWD-ICG FUNDS (PAYABLE WITHIN 3 YEARS)</b>		



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SERVICE OF  
POTABLE  
WATER



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<b>A. PURCHASE AND INSTALLATION OF ALTERNATIVE ENERGY, SOLAR POWER SYSTEM FOR NEW BURGOS PUMP STATION</b>	<b>1 Lot</b>	<b>6,000,000.00</b>
<b>B. PURCHASE AND INSTALLATION OF WATER TREATMENT (THRU CHEMICAL TREATMENT) FOR SAN JULIAN PUMP STATION</b>	<b>1 Lot</b>	<b>2,500,000.00</b>
<b>SUB TOTAL 2</b>		<b>8,500,000.00</b>

## CAPITAL EXPENDITURES 3

<b>VI. BULK WATER SUPPLY AGREEMENT</b>		
<b>A. BULK WATER SUPPLY FOR STA. MONICA WATER SUPPLY SYSTEM THRU PRIVATE-PUBLIC PARTNERSHIP</b>	<b>456,250 cu.m / yr. @ 13.50php/cu.m</b>	<b>6,159,375.00</b>
<b>SUB TOTAL 3</b>		<b>6,159,375.00</b>

## LOAN PROJECTS

### CAPITAL EXPENDITURES 4

<b>VII. CONSTRUCTION/ RENOVATION OF MWD ADMINISTRATIVE BUILDING AND OFFICES PHASE 1 – DBP LOANS/ICG FUNDS</b>		<b>12,000,000.00</b>
<b>SUB TOTAL 4</b>		<b>12,000,000.00</b>
<b>GRAND TOTAL</b>		<b>32,459,375.00</b>



# MONCADA WATER DISTRICT

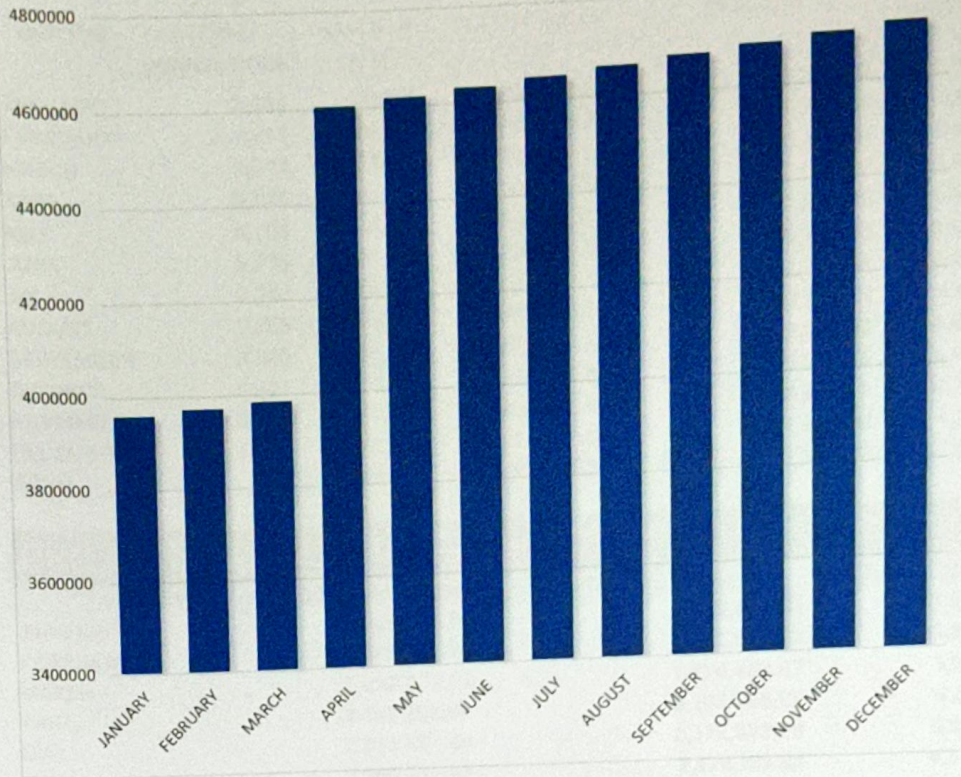
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24/7 SERVICE OF POTABLE WATER

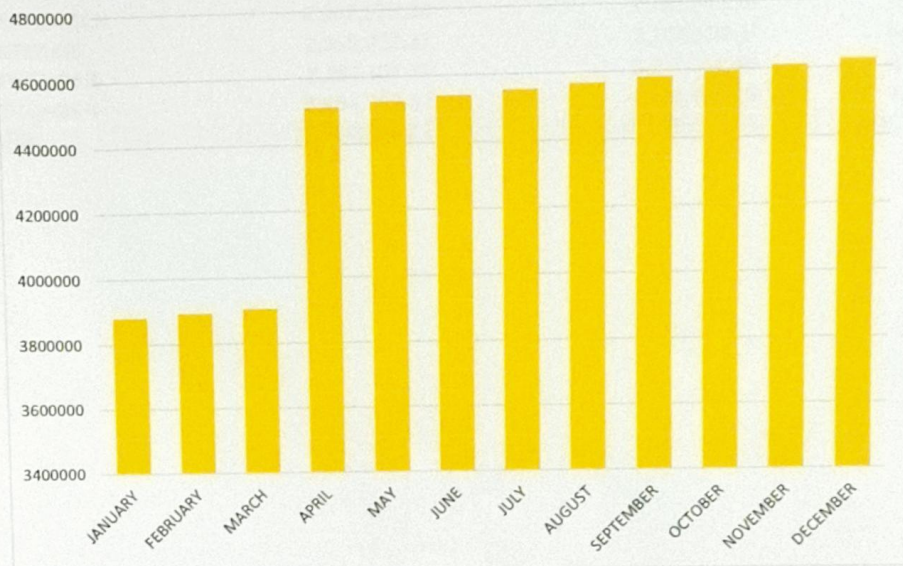


## 2024 PROJECTED BILLINGS AND COLLECTIONS

### PROJECTED BILLINGS



### PROJECTED COLLECTIONS







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## PROJECTED BILLINGS

MONTHS	NO. OF SERVICE CONNECTIONS	WATER SALES IN CU.M.	WATER SALES	PENALTY	TOTAL BILLING WATER SALES
JANUARY	9,585	172,530	3,807,737.10	152,309.48	3,960,046.58
FEBRUARY	9,615	173,070	3,819,654.90	152,786.20	3,972,441.10
MARCH	9,645	173,610	3,831,572.70	153,262.91	3,984,835.61
APRIL	9,675	174,150	4,426,893.00	177,075.72	4,603,968.72
MAY	9,705	174,690	4,440,619.80	177,624.79	4,618,244.59
JUNE	9,735	175,230	4,454,346.60	178,173.86	4,632,520.46
JULY	9,765	175,770	4,468,073.40	178,722.94	4,646,796.34
AUGUST	9,795	176,310	4,481,800.20	179,272.01	4,661,072.21
SEPTEMBER	9,825	176,850	4,495,527.00	179,821.08	4,675,348.08
OCTOBER	9,855	177,390	4,509,253.80	180,370.15	4,689,623.95
NOVEMBER	9,885	177,930	4,522,980.60	180,919.22	4,703,899.82
DECEMBER	9,915	178,470	4,536,707.40	181,468.30	4,718,175.70
<b>TOTAL</b>	<b>330</b>	<b>2,106,000</b>	<b>51,795,166.50</b>	<b>2,071,806.66</b>	<b>53,866,973.16</b>

## PROJECTED COLLECTIONS

MONTH	CURRENT (52%)	ARREARS (48%)	COLLECTIONS (98%)
JANUARY	2,018,039.74	1,862,805.91	3,880,845.65
FEBRUARY	2,024,355.98	1,868,636.29	3,892,992.27
MARCH	2,030,672.23	1,874,466.67	3,905,138.90
APRIL	2,346,182.46	2,165,706.89	4,511,889.35
MAY	2,353,457.44	2,172,422.26	4,525,879.70
JUNE	2,360,732.43	2,179,137.63	4,539,870.05
JULY	2,368,007.41	2,185,853.00	4,553,860.41
AUGUST	2,375,282.40	2,192,568.37	4,567,850.76
SEPTEMBER	2,382,557.38	2,199,283.74	4,581,841.12
OCTOBER	2,389,832.37	2,205,999.11	4,595,831.47
NOVEMBER	2,397,107.35	2,212,714.48	4,609,821.83
DECEMBER	2,404,382.33	2,219,429.85	4,623,812.18
<b>TOTAL</b>	<b>27,450,609.52</b>	<b>25,339,024.17</b>	<b>52,789,633.70</b>



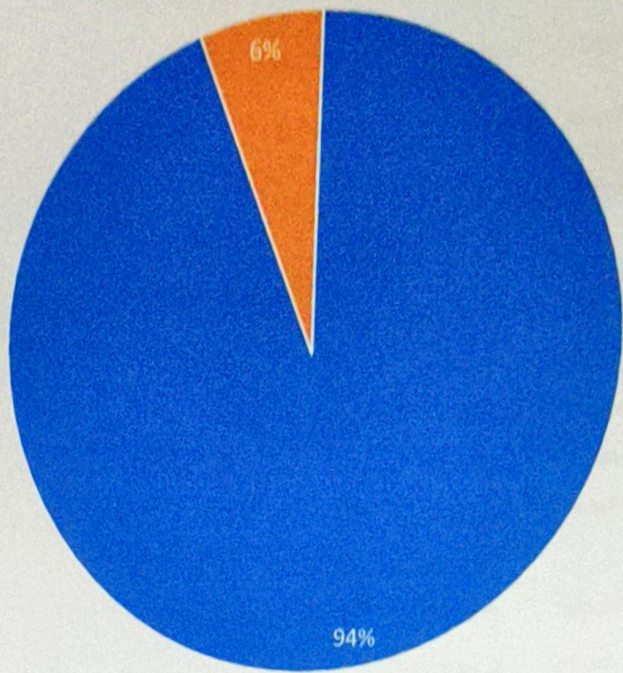
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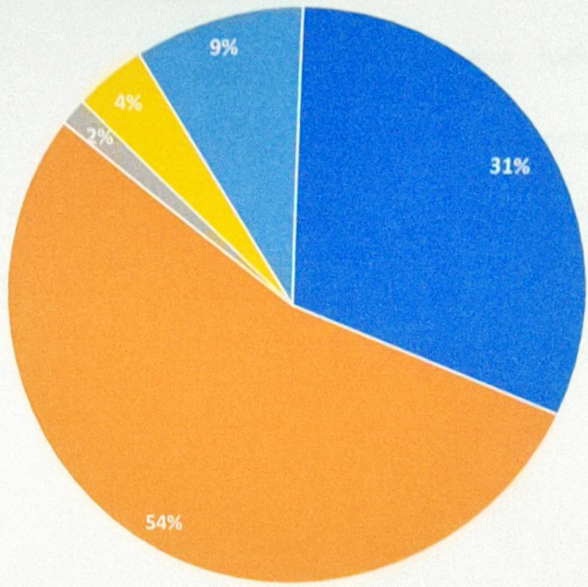
## 2024 CASH FLOW CHART

### RECEIPTS



- WATER SALES
- REGISTRATION FEE, SALES OF MATERIALS

### DISBURSEMENT



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



## CASH FLOW PROJECTION

RECEIPTS:	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	TOTAL
WATER SALES	11,678,976.82	13,577,639.10	13,703,552.29	13,829,465.48	52,789,633.70 <sup>AR</sup>
REGISTRATION FEE, SALES OF MATERIALS	907,500.00	907,500.00	907,500.00	907,500.00	3,630,000.00
<b>TOTAL</b>	<b>12,586,476.82</b>	<b>14,485,139.10</b>	<b>14,611,052.29</b>	<b>14,736,965.48</b>	<b>56,419,633.70</b>

DISBURSEMENT:	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	TOTAL
PERSONAL SERVICES	4,141,201.32	4,852,279.32	4,507,702.02	6,272,337.32	19,773,519.98
MOOE	8,545,545.22	8,632,795.22	8,532,795.22	8,932,795.22	34,643,930.90
INTEREST EXPENSES	245,269.25	245,269.25	245,269.25	245,269.25	981,077.00
LOANS PAYABLE	647,146.25	647,146.25	647,146.25	647,146.25	2,588,585.00
CAPEX 1	1,160,000.00	2,320,000.00	2,320,000.00	-	5,800,000.00
CAPEX 2 - Multi-Year Projects	708,333.33	708,333.33	708,333.33	708,333.33	2,833,333.33
CAPEX 3 - Bulk Water Agreement			3,079,687.50	3,079,687.50	6,159,375.00
CAPEX 4 - Construction of Office Bldg.		6,000,000.00	6,000,000.00		12,000,000.00
<b>TOTAL</b>	<b>14,739,162.04</b>	<b>16,697,490.04</b>	<b>16,252,912.74</b>	<b>16,097,548.04</b>	<b>63,787,112.88</b>

NET CASH INFLOW / OUTFLOW	(2,152,685.22)	(2,212,350.94)	(1,641,860.45)	(1,360,582.56)	(7,367,479.18)
CASH BALANCE: BEGINNING	18,150,049.21	15,997,363.99	13,785,013.04	12,143,152.59	18,150,049.21
CASH BALANCE: ENDING	15,997,363.99	13,785,013.04	12,143,152.59	10,782,570.03	10,782,570.03