

MONTHLY DATA SHEET

For the Month Ending December 2021

Name of Water District : Carmona

Province : Cavite

Region : IV-A

CCC No. : 561

Email Address : pro@carmonawd.gov.ph

Website, if any: carmonawd.gov.ph

Contact Nos. (mobile): 9176313719

(landline) : (046) 430-0832

Geo Coordinates of WD Office(Longitude,Latitude) : 21°02'25.03" (14°18'28.56"

Under Joint Venture Agreement? (Yes/No): No

1. MUNICIPAL DATA/SERVICE COVERAGE

| 1.1 Municipality(ies) Served | | | No. of | Percent (%) |
|------------------------------|---------------------------|------------|---------------------|------------------------|
| | Name of Municipality(ies) | Mun. Class | Total No. of Brgys. | Served to Total Brgys. |
| Main Mun.: | Carmona | A | 14 | 100.0% |
| Annexed: | | | | |
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2. SERVICE CONNECTION DATA:

| | | | | |
|-----|---------------------------------------|-----------------|------------|--------------|
| 2.1 | Total Service (Active + Inactive) | 16,608 | | |
| 2.2 | Total Active | 15,098 | | |
| 2.3 | Total metered | 15,090 | | |
| 2.4 | Total billed | 15,090 | | |
| 2.5 | Ave. Persons/Conn. | 5.0 | | |
| 2.6 | Population Served (2.2 x 2.5) | 75,490 | | |
| 2.7 | Growth in Service Connections (S. C.) | | This Month | Year-to-Date |
| | New | | 38 | 588 |
| | Reconnection | | 480 | 7,493 |
| | Disconnected | | 480 | 7,557 |
| | Increase (Decrease) in S. C. | | 38 | 524 |
| 2.8 | No. of Customers in Arrears | 2,388 (15.8%) | | |
| 2.9 | No. of Active Connections | Metered | Unmetered | Total |
| | Residential/Domestic | 13,732 | - | 13,732 |
| | Government | 91 | - | 91 |
| | Commercial/Industrial | 1,275 | - | 1,275 |
| | Full Commercial | 274 | - | 274 |
| | Commercial A | 285 | - | 285 |
| | Commercial B | 146 | - | 146 |
| | Commercial C | 570 | - | 570 |

| | | | |
|----------------|--------|---|--------|
| Commercial D | | - | - |
| Bulk/Wholesale | - | - | - |
| Total | 15,098 | - | 15,098 |

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): 03/16/2004 Effectivity (mm/dd/year): 1/1/2006

3.2 Water Rates

| CLASSIFICATION | MINIMUM | COMMODITY CHARGES | | | | | |
|-----------------------|----------|-------------------|-----------|-----------|-----------|-----------|------------|
| | CHARGES | 11-20 CUM | 21-30 CUM | 31-40 CUM | 41-50 CUM | 51-60 CUM | 61 & Above |
| Domestic/Government | P 238.60 | P 26.20 | P 29.00 | 32.60 | P 37.00 | P 37.00 | P 37.00 |
| Commercial/Industrial | 477.20 | 52.40 | 58.00 | 65.20 | 74.00 | 74.00 | 74.00 |
| Commercial A | 417.55 | 45.85 | 50.75 | 57.05 | 64.75 | 64.75 | 64.75 |
| Commercial B | 357.90 | 39.30 | 43.50 | 48.90 | 55.50 | 55.50 | 55.50 |
| Commercial C | 298.25 | 32.75 | 36.25 | 40.75 | 46.25 | 46.25 | 46.25 |
| Commercial D | | | | | | | |
| Bulk Sales | 715.80 | 78.60 | 87.00 | 97.80 | 111.00 | 111.00 | 111.00 |

4. BILLING & COLLECTION DATA:

| | This Month | Year-to-Date |
|--|----------------|------------------|
| 4.1 BILLING (Water Sales) | | |
| a. Current - metered | P 9,317,971.95 | P 115,168,427.75 |
| b. Current - unmetered | - | - |
| c. Penalty Charges | 210,763.77 | 2,546,123.90 |
| d. Less: Senior Citizen & PWD Discount | 85,109.61 | 946,326.00 |
| Total | P 9,443,626.11 | P 116,768,225.65 |

4.2 BILLING PER CONSUMER CLASS:

| | | |
|-------------------------|----------------|------------------|
| e Residential/Domestic | P 6,382,049.55 | P 81,797,524.20 |
| f Government | 276,690.25 | 3,355,560.35 |
| g Commercial/Industrial | 2,659,232.15 | 30,015,343.20 |
| h Bulk/Wholesale | | - |
| Total | P 9,317,971.95 | P 115,168,427.75 |

4.3 COLLECTION (Water Sales)

| | | |
|-----------------------------|----------------|------------------|
| a. Current account | P 6,228,824.69 | P 78,406,184.81 |
| b. Arrears - current year | 3,152,887.80 | 35,341,515.95 |
| c. Arrears - previous years | 68,451.71 | 4,003,811.70 |
| Total | P 9,450,164.20 | P 117,751,512.46 |

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 9,197,752.51

4.5 ON-TIME-PAID, This Month

| | | |
|--------------------------|---------------|--------------|
| | This Month | Year-to-Date |
| 4.3a | | |
| (4.1a) + (4.1b) - (4.1d) | X 100 = 67.5% | |

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{113,747,700.76}{116,768,225.65} = 97.4\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{117,751,512.46}{125,965,978.16} = 93.5\%$$

5. FINANCIAL DATA:

| | <u>This Month</u> | <u>Year-to-Date</u> |
|---------------------------------------|-------------------|---------------------|
| 5.1 REVENUES | | |
| a. Operating Revenues | P 10,306,755.63 | P 124,516,790.56 |
| b. Non-Operating revenues | 8,602.87 | 490,536.32 |
| Total | P 10,315,358.50 | P 125,007,326.88 |
| 5.2 EXPENSES | | |
| a. Salaries and wages | P 4,185,177.87 | P 34,025,956.12 |
| b. Pumping cost (Fuel, Oil, Electric) | 1,605,649.12 | 17,598,419.81 |
| c. Chemicals (treatment) | 114,310.00 | 1,396,790.00 |
| d. Other O & M Expense | 1,418,537.95 | 11,615,031.24 |
| e. Depreciation Expense | 903,546.67 | 7,462,568.73 |
| f. Interest Expense | - | - |
| g. Others | 275,029.70 | 280,685.70 |
| Total | P 8,502,251.31 | P 72,379,451.60 |
| 5.3 NET INCOME (LOSS) | P 1,813,107.19 | P 52,627,875.28 |
| 5.4 CASH FLOW STATEMENT | | |
| a. Receipts | P 11,534,739.07 | P 172,785,126.55 |
| b. Disbursements | 11,387,225.74 | 142,665,626.16 |
| c. Net Receipts (Disbursements) | 147,513.33 | 30,119,500.39 |
| d. Cash balance, beginning | 165,441,607.14 | 135,469,620.08 |
| e. Cash balance, ending | 165,589,120.47 | 165,589,120.47 |
| 5.5 MISCELLANEOUS (Financial) | | |
| a. Loan Funds (Total) | - | - |
| 1. Cash in Bank | P - | P - |
| 2. Cash on Hand | - | - |
| b. WD Funds (Total) | 452,997.40 | 260,348,912.02 |
| 1. Cash on hand | P 42,326.92 | P 627,765.96 |
| 2. Cash in bank | 105,186.41 | 164,896,354.51 |
| 3. Special Deposits | - | 50,000,000.00 |
| 4. Investments | - | 25,000,000.00 |
| 5. Working fund | - | 65,000.00 |
| 6. Reserves | | |
| 6.1 WD-LWUA JSA | 305,484.07 | 19,759,791.55 |
| 6.2 General Reserves | - | - |
| c. Materials & Supplies inventory | P (4,415,435.75) | P 2,038,006.47 |
| d. Accounts Receivable | 23,346.12 | 9,361,265.79 |

| | | |
|--------------------------------------|----------------|----------------|
| 1. Customers | P 23,346.12 | P 9,361,265.79 |
| 2. Materials on loans | - | - |
| 3. Officers & Employees | - | - |
| e Customers' deposits | - | - |
| f Loans payable | - | 7,194,893.00 |
| g Payable to creditors eg. suppliers | (1,074,736.32) | 1,883,369.19 |

5.6 FINANCIAL RATIOS

| | This Month | | Year-to-Date | |
|---|---|--|---|--|
| a. Operating Ratio (benchmark = ≤ 0.75) | | | | |
| $\frac{\text{Operating Expenses}}{\text{Operating Revenues}}$ | $\frac{8,227,221.61}{10,306,755.63} = 0.80$ | | $\frac{72,098,765.90}{124,516,790.56} = 0.58$ | |
| b. Net Income Ratio | | | | |
| $\frac{\text{Net Income (Loss)}}{\text{Total Revenues}}$ | $\frac{1,813,107.19}{10,315,358.50} = 0.18$ | | $\frac{52,627,875.28}{125,007,326.88} = 0.42$ | |
| c. Current Ratio (benchmark = ≥ 1.5) | | | | |
| $\frac{\text{Current Assets}}{\text{Current Liabilities}}$ | | | $\frac{236,224,357.31}{5,934,031.51} = 39.81$ | |

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

| | Number | Total Rated Capacity | | Basis of Data |
|------------------|--------|----------------------|----------------|---------------|
| | | (In LPS) | or (in Cum/Mo) | |
| a. Wells | 15 | 167.5 | 435,500 | Volumetric |
| b. Springs | | | | |
| c. Surface/River | | | | |
| d. Bulk purchase | | | | |
| Total | 15 | 167.5 | 435,500 | |

Conversion: 1 LPS ~ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

| | This Month | Year-to-Date | Method of Measurement |
|----------------------|------------|--------------|-----------------------|
| a. WD-Owned Sources | | | |
| 1 Gravity | - | - | |
| 2 Pumped | 360,087.0 | 4,468,686.0 | Flowmeter |
| Sub-Total | 360,087.0 | 4,468,686.0 | |
| b. External Source/s | - | - | |
| Total | 360,087.0 | 4,468,686.0 | |

6.3 WATER PRODUCTION COST

| | This Month | Year-to-Date |
|--|--------------|---------------|
| a. Total power consumption for pumping (KW-Hr) | 195,674.00 | 2,419,168.00 |
| b. Total power cost for pumping (PHP) | 1,605,649.12 | 17,603,730.32 |
| c. Other energy cost (oil, etc.) (PHP) | - | - |
| d. Total Pumping Hours (motor drive) | 9,945.00 | 125,738.00 |
| e. Total Pumping Hours (engine drive) | | 32.95 |
| f. Total Chlorine consumed (Kg.) | 467.00 | 6,077.00 |
| g. Total Chlorine cost (PHP) | 107,410.00 | 1,397,710.00 |
| h. Total cost of other chemicals (PHP) | 38,843.31 | 277,711.92 |

Total Production Cost

| | | | |
|---|--------------|---|---------------|
| ₱ | 1,751,902.43 | ₱ | 19,279,152.24 |
|---|--------------|---|---------------|

6.4 ACCOUNTED FOR WATER (m³)

| | | |
|---|-----------|--------------|
| a. Total Billed Metered Consumption (m ³) | 290,940.0 | 3,644,516.0 |
| Residential | 232,057.0 | 2,971,150.00 |
| Government | 7,859.0 | 94,998.00 |
| Commercial/Industrial (Total) | 51,024.0 | 578,368.0 |
| Full Commercial | 18,308.0 | 190,865.00 |
| Commercial A | 5,809.0 | 70,711.00 |
| Commercial B | 3,234.0 | 37,235.00 |
| Commercial C | 23,673.0 | 279,557.00 |
| Commercial D | - | - |
| Bulk/Wholesale | - | - |
| b. Unmetered billed | - | - |
| c. Total billed | 290,940.0 | 3,644,516.0 |
| d. Metered unbilled | 638.0 | 7,007.94 |
| e. Unmetered unbilled | - | - |
| f. Total Accounted | 291,578.0 | 3,651,523.9 |

6.5 WATER USE ASSESSMENT

| | | |
|---|-------|-------|
| a. Average monthly consumption/connection (m ³) | 19.3 | |
| Residential (m ³ /conn/mo.) | 16.9 | |
| Government (m ³ /conn/mo) | 86.4 | |
| Commercial/Industrial (m ³ /conn/mo) | 40.0 | |
| Bulk/Wholesale (m ³ /conn/mo) | | |
| b. Average liters per capita/day (lpcd) | 112.7 | |
| c. Accounted for water (%) | 81.0% | 81.7% |
| d. Revenue Producing Water (%) | 80.8% | 81.6% |
| e. Percent Non-revenue Water (%) | 19% | 18% |
| f. 24/7 Water Service (Y/N) | Y | |

7. STORAGE FACILITIES

| | <u>No.of Units</u> | <u>Total Capacity (m³)</u> |
|--------------------------|--------------------|---------------------------------------|
| a. Elevated Reservoir(s) | 7 | 889 |
| b. Ground Reservoir(s) | 1 | 199 |

8. MISCELLANEOUS

8.1 EMPLOYEES

| | |
|--|-----------|
| a. Total | 75 |
| b. Regular | 53 |
| c. Casual | 13 |
| d. Job-order/COS | 9 |
| e. Number of active connections/employee | 229 |
| f. Average monthly salary/employee | 22,306.41 |

8.2 BOARD OF DIRECTORS

| | |
|-----------------------|------------------------------------|
| a. Board of Directors | <u>Number of Meetings Attended</u> |
|-----------------------|------------------------------------|

| Name | This Month | | | Year-to-Date | | |
|-----------------------------------|------------|-----------------------|-------|--------------|-----------------------|-------|
| | Regular | Special/ Emergency | Total | Regular | Special/ Emergency | Total |
| 1 Dir. Atty. Frederick S. Levardo | 2 | 0 | 2 | 23 | 1 | 24 |
| 2 Dir. Patrick A. Doloroso | 2 | 0 | 2 | 24 | 1 | 25 |
| 3 Dir. Adelina M. Diego | 2 | 0 | 2 | 24 | 1 | 25 |
| 4 Dir. Julia C. Diago | 2 | 0 | 2 | 24 | 1 | 25 |
| 5 Dir. Bernard M. Ledesma | 2 | 0 | 2 | 24 | 1 | 25 |
| 6 | | | | | | |

| | This Month | Year-to-Date |
|------------------------------|-------------|--------------|
| a. No. of Resolutions passed | 6 | 41 |
| b. No. of Policies passed | 0 | 1 |
| c. Directors fees paid | P 52,416.00 | 622,944.00 |
| d. Meetings: | | |
| 1. Held | | |
| 2. Regular | 2 | 24 |
| 3. Special/Emergency | 0 | 1 |

9. STATUS OF VARIOUS DEVELOPMENT:

9.1 ON-GOING PROJECTS

| | DESCRIPTION (e.g. Comprehensive Project, Source Dev., Expansion, Rehab., Water Quality, etc) | PROJECT COST (PHP x 1,000) | FUNDING SOURCE | PERCENT ACCOM- PLISHMENT |
|----|---|-------------------------------|-------------------|--------------------------------|
| a. | Septage Treatment Facility | 41,500 | Corporate Fund | 63% |
| b. | | | | |
| c. | | | | |
| d. | | | | |
| e. | | | | |
| f. | | | | |
| g. | | | | |
| h. | | | | |
| i. | | | | |
| j. | | | | |
| k. | | | | |
| l. | | | | |
| m. | | | | |
| n. | | | | |
| o. | | | | |

9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

| | LOAN AMOUNT (PHP) | ARREARAGES, Beginning of the year | MONTHLY AMORTIZATION (PHP) | PAYMENTS MADE, YTD | TERMINAL YEAR OF AMORTIZATION |
|--------------------|----------------------|--------------------------------------|-------------------------------|-----------------------|-------------------------------------|
| a. Loans from LWUA | | | | | |
| 1 7194893 | | - | - | - | - |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

| | | | | |
|----|-------------------------------|---|---|---|
| 5 | | | | |
| | Total | 0 | 0 | 0 |
| b. | Loans from Other Fund Sources | | | |
| 1 | 0 | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| | Total | | | |

10. INSTITUTIONAL DEVELOPMENT/REVIEWS:

10.1 LWUA REVIEW AND SYSTEMS INSTALLATION

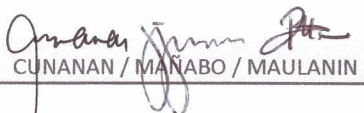
Year when Last installed /reviewed

| | | |
|----|--|----------------------|
| a. | CPS I Installation | 0 |
| b. | CPS II Installation | 0 |
| c. | Water Rates Review | 2004 |
| d. | Water Safety Plan Review | 2016/December 2021 |
| e. | Business Plan Review | 2017/December 2021 |
| f. | Groundwater Data Bank Installation | 0 |
| g. | Computerized Billing & Collection System | 2014 / Dec. 2021 |
| h. | Computerized Read & Bill | 2020 / Dec. 2021 |
| i. | Computerized Accounting System | 2011 (excel) |
| j. | Computerized Inventory System | 2019 / December 2021 |

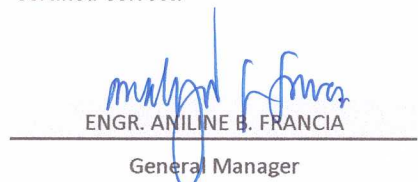
11. KEY PERFORMANCE INDICATORS:

| | Actual | KPI Monitoring Benchmark |
|---|----------|--------------------------|
| a. Non-Revenue Water (%) - YTD | 18% | ≤ 20% |
| b. Collection Efficiency (%) - YTD | 97.4% | ≥ 90% |
| c. S.Conn. Market Growth - YTD | 524 | 324 |
| d. Capex (Php) - YTD | 53157500 | 53810000 |
| e. LWUA-WD JSA Reserves (%) - YTD | 16.78 | ≥ 3% of Item 5.1 |
| f.1 Water Quality Compliance - Bacti (Y/N) | Y | Y |
| f.2 Water Quality Compliance - Phychem (Y/N) | Y | Y |
| f.3 Water Quality Compliance -Residual Chlorine (Y/N) | Y | Y |
| g. Current Ratio - YTD | 39.81 | ≥ 1.5 |
| h. Average Monthly Net Income (Php) | positive | positive |
| i. Staff Productvity Index | 229 | 120 |
| j. 24/7 Water Service (% of Active S Conn) | Y | Y |
| k. With Sanitation Facilities (Yes or No) | Y | Y |

Prepared by:


CUNANAN / MANABO / MAULANIN

Certified Correct:


ENGR. ANILINE B. FRANCIA
General Manager