

MONTHLY DATA SHEET

For the Month Ending 31-Dec 2021

Name of Water District : NORZAGARAY WATER DISTRICT

Province : Bulacan

Region : 3

CCC No. : 261

Email Address : norzagaray_wd@yahoo

Website, if any: norwd.gov.ph

Contact Nos. (mobile): N/A

(landline): (044) 8153964

Geo Coordinates of WD Office(Longitude,Latitude) : 4 54' 32.5"N 121 02'53.6"

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

1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served		Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total Brgys.
Main Mun.:	Name of Municipality(ies)	Mun. Class		
	<u>Norzagaray</u>	<u>A</u>	<u>13</u>	<u>69.2%</u>
Annexed:				
Annexed:				
Annexed:				
Annexed:				
Annexed:				
Annexed:				
Annexed:				
Annexed:				
Annexed:				

2. SERVICE CONNECTION DATA:

2.1	Total Service (Active + Inactive)	<u>20,796</u>		
2.2	Total Active	<u>20,652</u>		
2.3	Total metered	<u>20,652</u>		
2.4	Total billed	<u>17,768</u>		
2.5	Ave. Persons/Conn.	<u>5.0</u>		
2.6	Population Served (2.2 x 2.5)	<u>103,260</u>		
2.7	Growth in Service Connections (S. C.)		<u>This Month</u>	<u>Year-to-Date</u>
	New		<u>184</u>	<u>1,515</u>
	Reconnection		<u>320</u>	<u>6,566</u>
	Disconnected		<u>196</u>	<u>7,535</u>
	Increase (Decrease) in S. C.		<u>308</u>	<u>546</u>
2.8	No. of Customers in Arrears	<u>7,747</u>	<u>(37.5%)</u>	
2.9	No. of Active Connections	<u>Metered</u>	<u>Unmetered</u>	<u>Total</u>
	Residential/Domestic	<u>17,248</u>	<u>2,884</u>	<u>20,132</u>
	Government	<u>51</u>		<u>51</u>
	Commercial/Industrial	<u>469</u>	<u>-</u>	<u>469</u>
	Full Commercial	<u>91</u>		<u>91</u>
	Commercial A	<u>30</u>		<u>30</u>
	Commercial B	<u>160</u>		<u>160</u>
	Commercial C	<u>188</u>		<u>188</u>

Commercial D			
Bulk/Wholesale			
Total	17,768	2,884	20,652

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): 4/1/2009 Effectivity (mm/dd/year): 8/1/2011

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	₱ 245.00	₱ 25.30	₱ 27.10	29.50	₱ 32.45	₱ 35.75	
Commercial/Industrial	490.00	50.60	54.20	59.00	64.90	71.50	
Commercial A	428.75	44.25	47.40	51.60	56.75	62.55	
Commercial B	367.50	37.95	40.65	44.25	48.65	53.60	
Commercial C	306.25	31.60	33.85	36.85	40.55	44.65	
Commercial D							
Bulk Sales	735.00	75.90	81.30	88.50	97.35	107.25	

4. BILLING & COLLECTION DATA:

	This Month	Year-to-Date
4.1 BILLING (Water Sales)		
a. Current - metered	₱ 9,804,792.85	₱ 118,484,369.15
b. Current - unmetered		
c. Penalty Charges		
d. Less: Senior Citizen & PWD Discount	16,940.04	223,986.72
Total	₱ 9,787,852.81	₱ 118,260,382.43

4.2 BILLING PER CONSUMER CLASS:

e Residential/Domestic	₱ 7,957,514.51	₱ 96,686,214.26
f Government	112,826.10	1,427,750.00
g Commercial/Industrial	1,717,512.20	20,146,418.17
h Bulk/Wholesale		
Total	₱ 9,787,852.81	₱ 118,260,382.43

4.3 COLLECTION (Water Sales)

a. Current account	₱ 5,721,999.85	₱ 70,620,386.63
b. Arrears - current year	3,655,926.41	41,901,784.08
c. Arrears - previous years	52,582.86	10,053,220.49
Total	₱ 9,430,509.12	₱ 122,575,391.20

4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.): 21,946,724.63

4.5 ON-TIME-PAID, This Month

	This Month	Year-to-Date
4.3a		
(4.1a) + (4.1b) - (4.1d)	X 100 = 58.5%	

4.6 COLLECTION EFFICIENCY, Y-T-D

$$\frac{(4.3a) + (4.3b)}{4.1 \text{ Total}} \times 100 = \frac{112,522,170.71}{118,260,382.43} = 95.1\%$$

4.7 COLLECTION RATIO, Y-T-D

$$\frac{4.3 \text{ Total}}{4.1 \text{ Total} + 4.4} = \frac{122,575,391.20}{140,207,107.06} = 87.4\%$$

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P <u>12,447,603.75</u>	P <u>130,843,694.26</u>
b. Non-Operating revenues	<u>2,608.07</u>	<u>8,716,616.83</u>
Total	P <u>12,450,211.82</u>	P <u>139,560,311.09</u>
5.2 EXPENSES		
a. Salaries and wages	P <u>1,243,964.00</u>	P <u>14,873,501.35</u>
b. Pumping cost (Fuel, Oil, Electric)	<u>574,424.79</u>	<u>6,201,210.00</u>
c. Chemicals (treatment)	<u>19,200.00</u>	<u>368,614.96</u>
d. Other O & M Expense	<u>9,606,282.59</u>	<u>85,932,847.24</u>
e. Depreciation Expense	<u>633,563.18</u>	<u>7,587,320.29</u>
f. Interest Expense	<u>150,705.69</u>	<u>2,014,084.75</u>
g. Others	<u>6,030.78</u>	<u>130,921.85</u>
Total	P <u>12,234,171.03</u>	P <u>117,108,500.44</u>
5.3 NET INCOME (LOSS)	P <u>216,040.79</u>	P <u>22,451,810.65</u>
5.4 CASH FLOW STATEMENT		
a. Receipts	P <u>10,523,910.07</u>	P <u>141,050,603.44</u>
b. Disbursements	<u>9,826,243.38</u>	<u>137,106,929.55</u>
c. Net Receipts (Disbursements)	<u>697,666.69</u>	<u>3,943,673.89</u>
d. Cash balance, beginning	<u>13,568,634.44</u>	<u>10,322,627.24</u>
e. Cash balance, ending	<u>14,266,301.13</u>	<u>14,266,301.13</u>
5.5 MISCELLANEOUS (Financial)		
a. Loan Funds (Total)	-	-
1. Cash in Bank	P _____	P _____
2. Cash on Hand	_____	_____
b. WD Funds (Total)	15,316,301.13	15,316,301.13
1. Cash on hand	P <u>70,489.46</u>	P <u>70,489.46</u>
2. Cash in bank	<u>8,810,167.97</u>	<u>8,810,167.97</u>
3. Special Deposits	<u>2,378,297.59</u>	<u>2,378,297.59</u>
4. Investments	_____	_____
5. Working fund	<u>50,000.00</u>	<u>50,000.00</u>
6. Reserves		
6.1 WD-LWUA JSA	<u>3,007,346.11</u>	<u>3,007,346.11</u>
6.2 General Reserves	<u>1,000,000.00</u>	<u>1,000,000.00</u>
c. Materials & Supplies inventory	P <u>7,127,728.44</u>	P <u>7,127,728.44</u>
d. Accounts Receivable	10,337,300.53	10,337,300.53

1. Customers	P	<u>10,337,300.53</u>	P	<u>10,337,300.53</u>
2. Materials on loans		<u> </u>		<u> </u>
3. Officers & Employees		<u> </u>		<u> </u>
e Customers' deposits		<u>4,991,514.00</u>		<u>4,991,514.00</u>
f Loans payable		<u>33,843,849.54</u>		<u>33,843,849.54</u>
g Payable to creditors eg. suppliers		<u>27,481,285.81</u>		<u>27,481,285.81</u>

5.6 FINANCIAL RATIOS

	<u>This Month</u>		<u>Year-to-Date</u>	
a. Operating Ratio (benchmark = ≤ 0.75)				
<u>Operating Expenses</u>	<u>12,077,434.56</u>	=	<u>114,963,493.84</u>	=
<u>Operating Revenues</u>	<u>12,447,603.75</u>		<u>130,843,694.26</u>	<u>0.88</u>
b. Net Income Ratio				
<u>Net Income (Loss)</u>	<u>216,040.79</u>	=	<u>22,451,810.65</u>	=
<u>Total Revenues</u>	<u>12,450,211.82</u>		<u>139,560,311.09</u>	<u>0.16</u>
c. Current Ratio (benchmark = ≥ 1.5)				
<u>Current Assets</u>			<u>35,436,610.42</u>	=
<u>Current Liabilities</u>			<u>30,326,306.00</u>	<u>1.17</u>

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY

	<u>Number</u>	<u>Total Rated Capacity</u>		<u>Basis of Data</u>
		<u>(In LPS)</u>	<u>or (in Cum/Mo)</u>	
a. Wells	<u>3</u>	<u>33.1</u>	<u>85,795</u>	<u>Flow Meter</u>
b. Springs	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. Surface/River	<u>1</u>	<u>7</u>	<u>18,144</u>	<u>Flow Meter</u>
d. Bulk purchase	<u>1</u>	<u>173</u>	<u>450,000</u>	<u>Flow Meter</u>
Total	<u>5</u>	<u>213.1</u>	<u>553,939</u>	

Conversion: 1 LPS ≈ 2,600 cum/mo

6.2 WATER PRODUCTION (m³)

	<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. WD-Owned Sources			
# Gravity	<u>360,183.0</u>	<u>4,241,701.0</u>	<u>Flow Meter</u>
# Pumped	<u>49,754.0</u>	<u>547,747.0</u>	<u>Flow Meter</u>
Sub-Total	<u>409,937.0</u>	<u>4,789,448.0</u>	
b. External Source/s	<u> </u>	<u> </u>	<u> </u>
Total	<u>409,937.0</u>	<u>4,789,448.0</u>	

6.3 WATER PRODUCTION COST

	<u>This Month</u>	<u>Year-to-Date</u>
a. Total power consumption for pumping (kW-Hr)	<u>61,833.00</u>	<u>742,135.00</u>
b. Total power cost for pumping (PHP)	<u>574,424.79</u>	<u>6,201,210.00</u>
c. Other energy cost (oil, etc.) (PHP)	<u> </u>	<u> </u>
d. Total Pumping Hours (motor drive)	<u>3,211.00</u>	<u>37,043.00</u>
e. Total Pumping Hours (engine drive)	<u> </u>	<u> </u>
f. Total Chlorine consumed (Kg.)	<u>48.00</u>	<u>859.00</u>
g. Total Chlorine cost (PHP)	<u>19,200.00</u>	<u>343,600.00</u>
h. Total cost of other chemicals (PHP)	<u>-</u>	<u>25,014.96</u>

Total Production Cost	₱ 593,624.79	₱ 6,569,824.96
6.4 ACCOUNTED FOR WATER (m³)		
a. Total Billed Metered Consumption (m ³)	321,302.0	3,972,559.0
Residential	287,543.0	3,576,657.0
Government	3,401.0	43,181.0
Commercial/Industrial (Total)	30,358.0	352,721.0
Full Commercial	13,408.0	158,853.0
Commercial A	1,372.0	15,296.0
Commercial B	8,759.0	97,921.0
Commercial C	6,819.0	80,651.0
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	321,302.0	3,972,559.0
d. Metered unbilled		
e. Unmetered unbilled	88,635.0	816,889.0
f. Total Accounted	409,937.0	4,789,448.0

6.5 WATER USE ASSESSMENT

a. Average monthly consumption/connection (m ³)	18.1	
Residential (m ³ /conn/mo.)	16.7	
Government (m ³ /conn/mo)	66.7	
Commercial/Industrial (m ³ /conn/mo)	64.7	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	111.1	
c. Accounted for water (%)	100.0%	100.0%
d. Revenue Producing Water (%)	78.4%	82.9%
e. Percent Non-revenue Water (%)	22%	17%
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)	9	1,350
b. Ground Reservoir(s)	4	2,010

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	90
b. Regular	51
c. Casual	0
d. Job-order/COS	39
e. Number of active connections/employee	405
f. Average monthly salary/employee	20,784.87

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 Ms. Marissa Tolentino	2	0	2	24	0	24
2 Engr. Noli E. Palad	2	0	2	24	0	24
3 Eengr. Tarcila S. Cruz	2	0	2	24	0	24
4 Mr. Danilo S. Leonardo	2	0	2	24	0	24
5 Mr. Rodelio C. Dela Merced	2	0	2	24	0	24
6						

	This Month	Year-to-Date
a. No. of Resolutions passed	10	107
b. No. of Policies passed	0	1
c. Directors fees paid	₱ 62,712.00	752,544.00
d. Meetings:		
1. Held	2	24
2. Regular	2	24
3. Special/Emergency	0	0

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. Rehab of Pipeline along Poblacion	502598.1	Corporate Budget	100%
b. Pipelaying Project for Covid Facility	188297	Corporate Budget	95%
c. Construction of Production Well at Minuyan	4996200	Corporate Budget	85%
d. Pipelaying for St. Joseph Homes	618277.5	Corporate Budget	100%
e. Pipeline Rehab at Back of Municipal Cmpd.	570280.9	Corporate Budget	95%
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 5898844.44	8.20%	48249	none	March 2027
2 11317797.5	2%	54766	none	July 2044
3				
4				

5				
	Total			
b.	Loans from Other Fund Sources			
1	5300000	7.50%	51762.03	none June 2029
2	1600000	7.50%	15626.27	none June 2029
3	34427729.82	7.50%	284728.33	none June 2029
4				
5				
	Total		455131.63	

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	
g.	Computerized Billing & Collection System	
h.	Computerized Read & Bill	
i.	Computerized Accounting System	
j.	Computerized Inventory System	

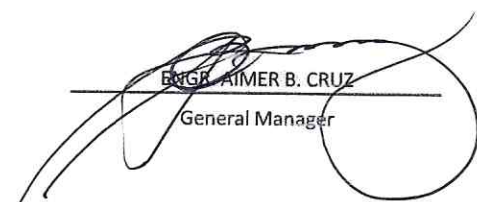
11. KEY PERFORMANCE INDICATORS:

	Actual	KPI Monitoring Benchmark
a. Non-Revenue Water (%) - YTD	17%	≤ 20%
b. Collection Efficiency (%) - YTD	95.1%	≥ 90%
c. S.Conn. Market Growth - YTD	546	700
d. Capex (Php) - YTD	23324552.94	41108700
e. LWUA-WD JSA Reserves (%) - YTD	2.45	≥ 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	1.17	≥ 1.5
h. Average Monthly Net Income (Php)	1870984.22	positive
i. Staff Productivity Index	405	120
j. 24/7 Water Service (% of Active S Conn)	Y	Y
k. With Sanitation Facilities (Yes or No)	N	Y

Prepared by:


 Evangeline L. Mendoza

Certified Correct:


 ENGR. AIMER B. CRUZ
 General Manager