



ANNUAL REPORT

2020

Serafica St., Mangaldan, Pangasinan

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MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

ANNUAL REPORT
For the Period January 1, 2020 to December 31, 2020

I. GENERAL

A. ADMINISTRATIVE

- | | |
|--|--|
| 1. Attached approved organizational charts in effect as year's end. | |
| a. Functional Chart | <u>Annex A (attached)</u> |
| b. Position/Organizational Chart (Key employees only) - showing Permanent positions and incumbents | <u>Annex B (attached)</u> |
| 2. Attach list of employed personnel with pertinent information.
(List of Plantilla of Personnel for the Fiscal Year 2020) | <u>Annex C (attached)</u> |
| The following summarizes the District's staffing | |
| a. Total number of employees | <u>45</u> |
| b. Number of permanent employees | <u>32</u> |
| c. Number of casual/temporary employees/laborers | <u>4</u> |
| d. Number of employees meeting minimum qualifications per Job Description adopted by the District | <u>34</u> |
| e. Number of employees not classified as casual/temporary who do not meet the minimum qualifications established by the District | <u>none</u> |
| f. Number of Coterminous employee | <u>2</u> |
| g. Number of Job Order personnel | <u>7</u> |
| 3. Has the District adopted a policy prohibiting hiring of personnel related up to the <i>fourth degree</i> by affinity or consanguinity? (Yes or No) | <u>Yes, CSC Rules</u> |
| If not, how many of the employees are related to other employees of officials with the fourth degree by <i>affinity of consanguinity</i> ? | <u>none</u> |
| 4. Has the District adopted rules and regulation | <u>Yes</u> |
| a. Personnel Matters | <u>Yes, CSC-Approved Personnel Mechanism</u> |
| b. Utility Customer Relations | <u>Yes</u> |
| c. General Utility Operations | <u>Yes</u> |
| During the year, in how many instances (or how many times) have exemption to these rules and regulations has been in special cases? | <u>none</u> |
| 5. Attach list of policy - setting resolutions adopted, repealed or amended by the District Board including those adopting LWUA guidelines (Summary of Policy - Setting Resolutions) | <u>Annex D (attached)</u> |
| 6. Has the District written and properly updated, reliable records of the following? (A field check may be undertaken, if necessary? Yes or no) | |
| a. Customer Complaints | <u>Yes</u> |
| b. Billing and Collection | <u>Yes</u> |
| c. Delinquencies in Payment of Water Bills | <u>Yes</u> |
| d. Meter Histories | <u>Yes</u> |
| e. Service Connections | <u>Yes</u> |
| f. Equipment Histories | <u>Yes</u> |
| g. Equipment Downtime | <u>Yes</u> |
| h. Bacteriological Tests | <u>Yes</u> |
| i. System Pressure | <u>Yes</u> |
| j. Leak Reports | <u>Yes</u> |
| k. Unaccounted for Water | <u>Yes</u> |
| l. Pump Effeciencies | <u>Yes</u> |
| m. Water Production | <u>Yes</u> |
| n. Water Production | <u>Yes</u> |
| o. Valve and pipeline location | <u>Yes</u> |
| p. General Accounting | <u>Yes</u> |
| q. Stock Inventory | <u>Yes</u> |
| r. Stores Usage | <u>Yes</u> |
| s. Employees Record | <u>Yes</u> |
| t. Minutes and Board Meetings | <u>Yes</u> |
| 7. For this year, Auditing has been done by the Commission on Audit | <u>Yes</u> |

8. Attach list of reports prepared regularly by the District on a monthly basis as required in the commercial Practice Manual (Omit this item if the District has not yet installed the commercial practices system in which case, indicate that the said system has not yet been installed yet.
(List of Reports Prepared Regularly)

Annex E (attached)

B. FINANCIAL/COMMERCIAL

1. Attach the District's financial statements for the report year including a comparison of the immediate past year.

Annex F (attached)

2. For the year under report, the District's total *budgetary outlay* was broken down into:
(Source: Approved Budget)

92,258,365.00

- a. Operating Outlay
b. Capital Outlay
c. Special budgets, if any (*additional budget*)-Contingency
d. Debt Service
e. Reserve

57,574,368.00

33,500,000.00

-

-

1,183,997.00

3. For this same *one-year* period, the District's Gross Revenue was broken down into:
(Source: Financial Report)

59,758,497.30

- a. Collection from water sales
b. Other water revenues
c. Other non-operating income
d. Proceeds from *LWUA loan* to finance new service connections

59,062,687.21

570,897.48

124,912.61

-

4. For this same *one-year* period, the District's expenditures was broken down into:
(Source: Financial Report)

57,122,894.23

- a. Operational (operation & maintenance expenses, including depreciation)
b. Capital Outlay
c. Annual Debt Servicing (Annex G - Summary of Loan Payments to LWUA)

45,899,197.12

11,223,697.11

-

5. For this same *one-year* period, the total salaries, wages & other emoluments paid for the District's employees where broken down into:

17,576,453.70

- a. For permanent employees
b. For casual/temporary

16,551,818.72

1,024,634.98

6. Expenses for power/fuel for pumping during the year (Acct. #726, if Commercial Practices Accts. are in effect):

13,860,436.08

7. Total amount *billed* during the year is broken down into:

60,648,236.95

- a. Total Billings (Current and Old Accounts)
b. Old Accounts

58,093,241.15

2,554,995.80

8. Total amount *collected* (*water sales only* during the year is broken down into:

57,420,347.41

- a. Current Billings
b. Arrears

31,547,120.79

25,873,226.62

9. Total amount uncollected (delinquent) at year's end excluding Bad Debts

2,801,032.72

10. Total reserves at year's end

11,041,638.48

11. Complaints filed, processed and settled during the year

a. Total number filed, processed and settled during the year	1,352
b. Number dismissed for lack of merit/withdrawn	-
c. Number investigated	1,352
d. Number settled to the satisfaction of complaints	1,352
e. Number elevated to the District Board of Directors	-
f. Number settled by the Board	-
g. Number elevated to the higher authorities	-

12. At year's end, the following water charges were in force:
(Annex H-Approved Water Rates Schedule)

Annex H (attached)

Had these rates been submitted to LWUA for review? (Yes or No)

Yes

C. TECHNICAL

1. Has the District adopted by Board Resolutions, a set of design and construction standard? (Yes or No)
If so, who prepared it?
Is it being adhered to strictly?

Yes

GM

Yes

2. Does the District undertake bacteriological test of its water? (Yes or No)
How often are these test made per year?
Is LWUA being furnished copies of these test reports? (Yes or No)
For the report year, how many such reports were submitted to LWUA?

Yes

monthly

Yes

192

3. State the method of water treatment employed by the District, if any

chlorination system

4. Does the District undertake regular pump efficiency test? (Yes or No)
How many of these pumps does the District have in its system?
How many of these pumps are operational?

Yes

13

13

D. OPERATIONAL

1. Total water production during the year in cubic metres
(Annex I-Summary of Water Production and Consumption)
Total water billed in cubic meters
Average per capita consumption in lpd

4,551,149

Annex I (attached)

3,620,700

125.0

2. Attach list of Water Sources (Annex J-WD Water Sources)

Annex J (attached)

3. Is the District provided with measuring devices to measure their water production? (Yes or No)
If yes, what type?
If not, how do you measure productions

Yes

flow meter

-

4. As of year's end, the District has the following existing service connection and related information. (Annex K-Service Connection Growth)

Annex K (attached)

a. Total number of existing connections (Active & Inactive Connection)
b. Number of Active Connections
c. Number of Metered Connections
 1. With functioning meters
 2. With non-functioning meters
d. Number of flat rate connections
e. Number of connections regularly billed
f. Number of delinquent concessionaires
g. Average number of customers per connections (HH)

15,326

14,132

14,162

14,162

-

-

14,000 +

5,579

5

5. Estimated population of district service areas	<u>112,876</u>
a. Estimated population served by utility whether fully or partially	<u>70,660</u>
6. Because of inadequate facilities, the District had to provide partial service in accordance with the following average length of time each 24-hours day:	
a. Less than 6 hours service	<u>-</u>
b. 7-12 hours service	<u>-</u>
c. 13-18 hours service	<u>24 hrs/day entire</u>
d. 19-24 hours service	<u>the coverage area</u>
(Not: You may vary the number of hours as may be necessary to suit actual conditions)	
7. Attach list of major equipment and machinery (with an initial cost of at least P 10,000.00 including pertinent information). (Annex L-List of Major Equipments)	<u>Annex L (attached)</u>
8. Does the District keep written record of request for service? (Yes or No)	
a. Does the record show the date when such requests were made and the nature of the service requested (Yes or No)	<u>Yes</u>
b. On the average, how long (in days) does it take the District to respond and attend such requests?	<u>1-2 days</u>
c. How many such reports were received during the year?	<u>1,352</u>
d. How many of these reports attended to during the year?	<u>1,352</u>

Submitted by:


ENGR. MARCELO M. PETONIO
 General Manager

MANGALDAN WATER DISTRICT

Mangaldan, Pangasinan

ANNUAL REPORT

For the Period January 1, 2020 to December 31, 2020

II. PROFILE

1. THE WATER DISTRICT & ITS PHYSICAL SYSTEM'S FACILITIES

A. ORGANIZATION

1. Date Formed	<u>September 1, 1979</u>	Age (months) as of 12/31/20	<u>492</u>
2. Date CCC was issued	<u>October 6, 1980</u>	CCC No.	<u>139</u>
3. Personnel	45		

Comments: (adequacy, qualification, performance & others) Very Satisfactory

B. EXISTING SYSTEM'S FACILITIES

1. Service

1.1 Service Area	<u>99.632 kms.</u>
1.2 Population of Service Area (Latest)	<u>112,876</u>
1.3 No. of Households	<u>22,575</u>
1.4 No. of Persons/Household	<u>5 persons</u>
1.5 Service Time (hrs./day)	<u>24 hours/day</u>

2. Structure and Equipment

2.1 Administration Building

Office Area	<u>148.95 sq. m.</u>
Office Equipment (see List of Major Equipments)	<u>Annex L (attached)</u>

2.2 If rented, how much per month? n/a

2.3 Type of Water Source Deep Well

Rated Capacity per day (cu.m. / day) 13,989

2.4 Reservoir (description, built, dimension and capacity)

1 unit	400	cu.m	Steel Tank Reservoir at <u>Public Plaza of Mangaldan</u>
1 unit	150	cu.m	Steel Tank Reservoir at <u>Brgy. Amansabina</u>

2.5 Water Sources (Annex J-WD Water Sources)

2.6 Service Connections

Type	Flat	Metered	Total
Residential Government	-	13,453	13,453
Commercial	-	679	679
Bulk	-	-	-
Total	-	14,132	14,132

2.7 Production

Average Monthly Production	
a. Booster/Pumping (cu.m)	<u>379,262</u>
b. Bulk Water (cu.m)	<u>-</u>

Production Efficiency % (average/month)
(Total Water Utilized/Total Production) 79.56%

NRW % (20.44 %) YTD 20.44%

2. CURRENT OPERATION / FINANCIAL HIGHLIGHTS

A. Existing Water Rates (Annex H-Water Rates Schedule) Annex H (attached)

B. Operating Income/Expenses	
Average Water Sales (average/mo)	4,841,103.00
Average Collection (average/mo)	4,785,029.00
Average Expenses-O & M for the year (average/mo)	3,824,933.00

C. Financial Highlights (rate & status)

Current Ratio	=	$\frac{\text{Current Assets}}{\text{Current Liabilities}}$	8:84:01
Long Term Debt/Equity Ratio			-
Monthly Billing (average/mo)			4,841,103.00
Collection Efficiency-% of On-Time Payment (YTD)			92.7

3. COMMUNITY ECONOMIC PROFILE

A. Total Population (covered by the Water District)	112,876
B. Average Monthly Family Income in the Area	45,000.00
C. Major Source of Income	employed
D. Average Monthly Family Expenditure in the Area	25,000.00
E. City/Municipal Revenue	329,555,202.87
F. Average Rate of Mortality per 100,000 population due to waterborne diseases (e.g. diarrhea)	none
G. Average Rate of Morbidity per 100,000 population due to waterborne diseases (e.g. diarrhea)	none
H. Major Agricultural, Industrial and Commercial activities	palay/carabao
Palay/Corn/Squash Production, Carabao/Cattle/Swine/Goat/Chicken Production; Concrete Aggregates	

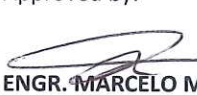
4. OTHER INFORMATION

- The District has been paying the n/a Water District an average of - cubic meter of Bulk Water per month
- The District has implemented the Meter Clustering System to help alleviate water pilferage
- The District has regularly monitors the Residual Chlorine in various strategic points of its water supply system (16 Summary of Bacteriological Analysis 2020)
- The District has maintained its established safety programs and standard operating procedure
- The District has continued implementing the 5% discount for water bill of Senior Citizens
- The District has approved the Gender and Development Budget for CY 2020 in compliance with RA 9710
- The District has adopted and implemented the approved Strategic Performance Management System (SPMS)
- The District has fully paid its long term debt under Loan Account No. 3-554 RL to LWUA on December 2017
- The District has maintained its ISO 9001:2015 Certification
- The District has adopted and implemented the Freedom of Information (FOI) in compliance with Executive Order No. 02, Series of 2016 by the President of the Philippines
- The District has been awarded PRIME-HRM Bronze Award by the Civil Service Commission on July 24, 2019
- The Mangaldan Water District's Water Safety Plan is compliant with the requirements for acceptability pursuant to Department of Health Administrative Order No. 2017-0006 on September 26, 2019
- The District's completed project for CY 2020 includes Drilling of one (1) Exploratory/Production Well and Construction of Pumping Station at Brgy. Osiem and Drilling of one (1) Exploratory/Production Well located at Brgy. Tebag

Prepared by:


MS. VIOLETA B. GAYAGA
 Division Manager B - Finance

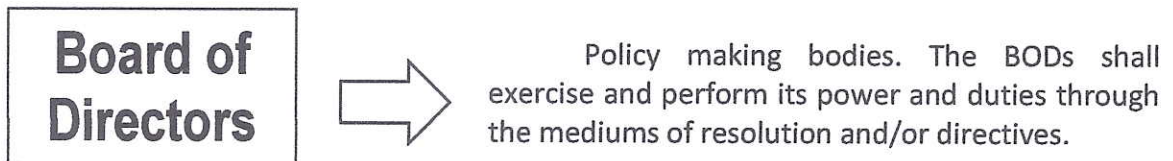
Approved by:


ENGR. MARCELO M. PETONIO
 General Manager

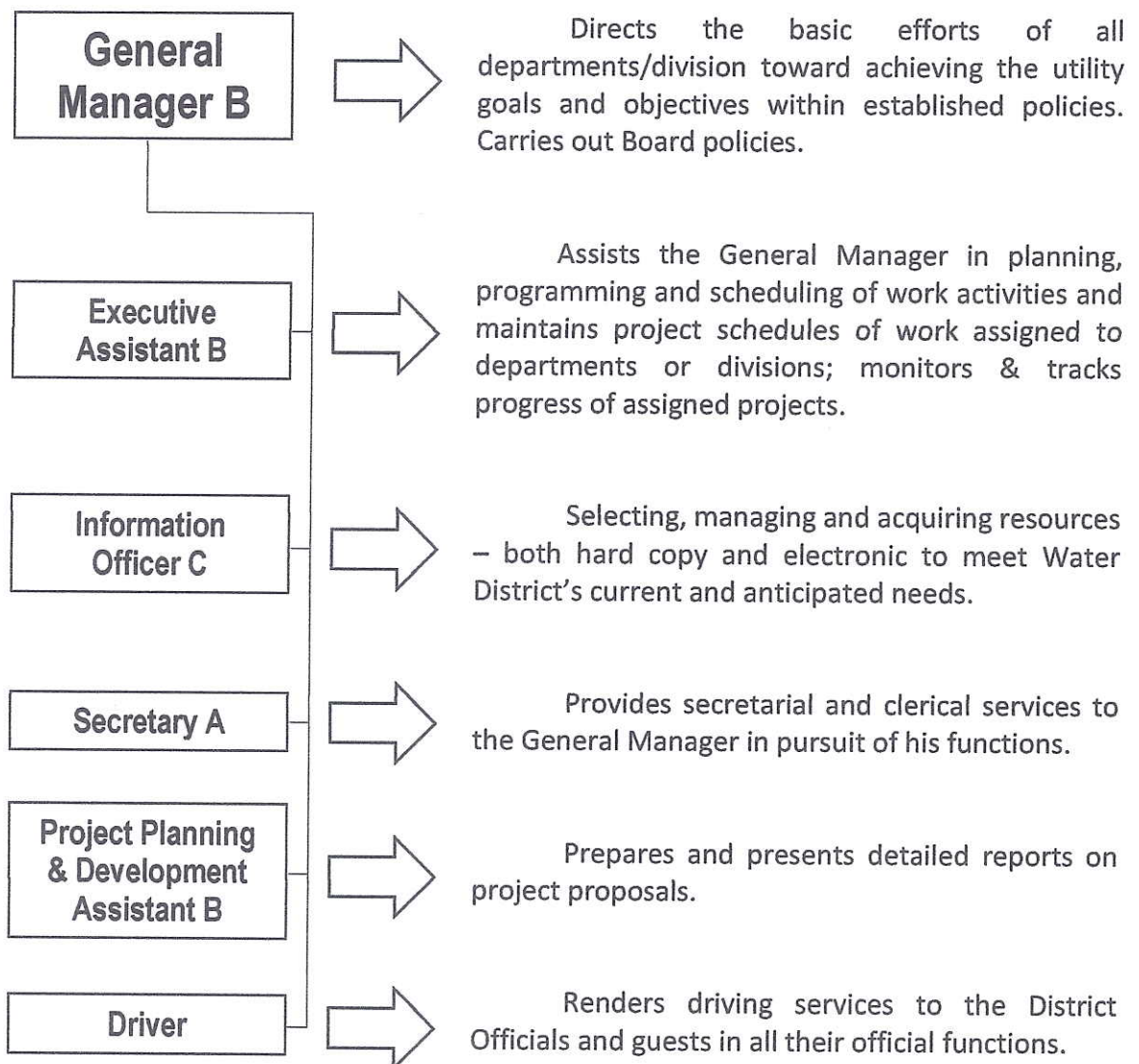


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MANGALDAN WATER DISTRICT
 Mangaldan, Pangasinan

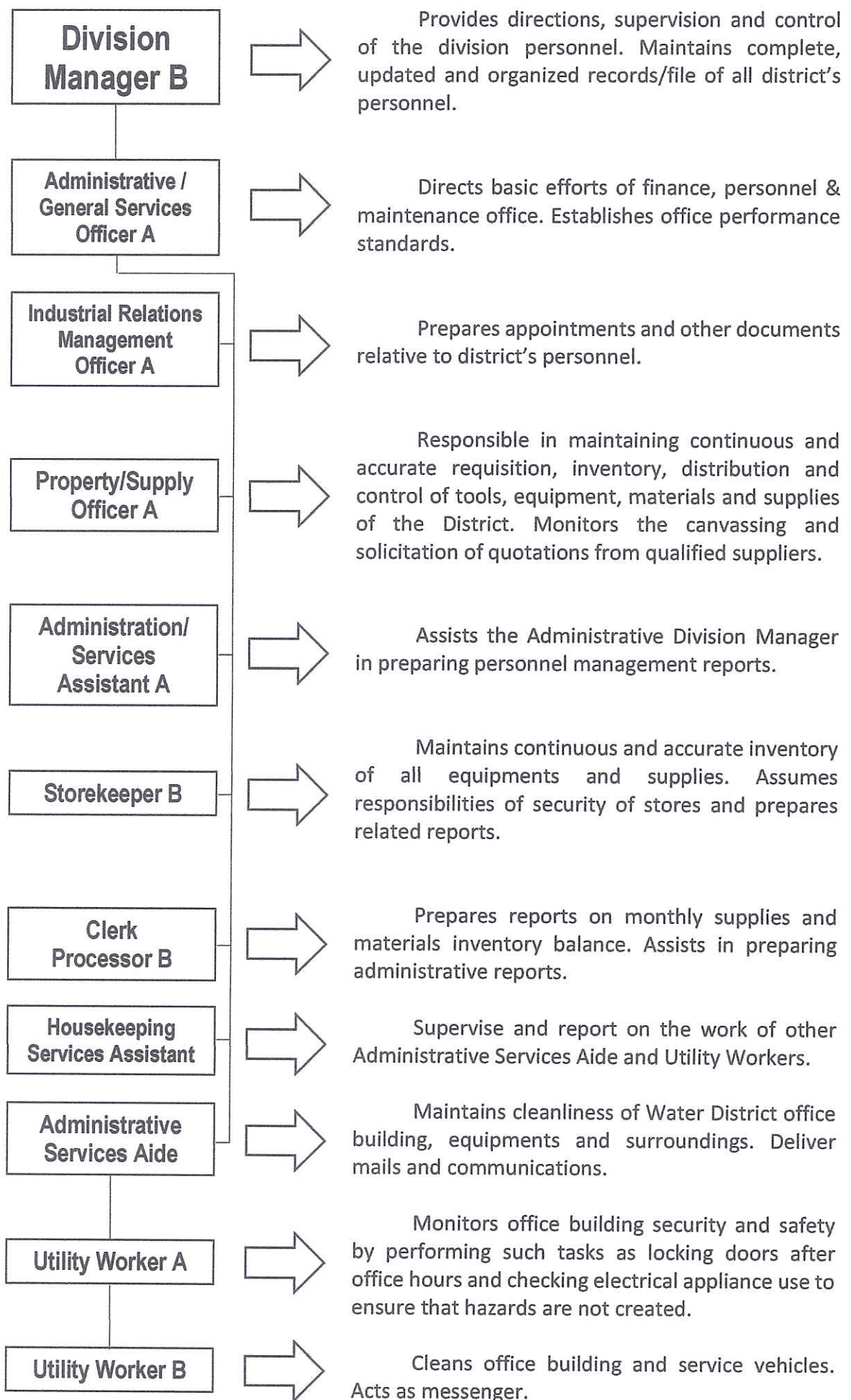
FUNCTIONAL CHART
 As of December 31, 2020



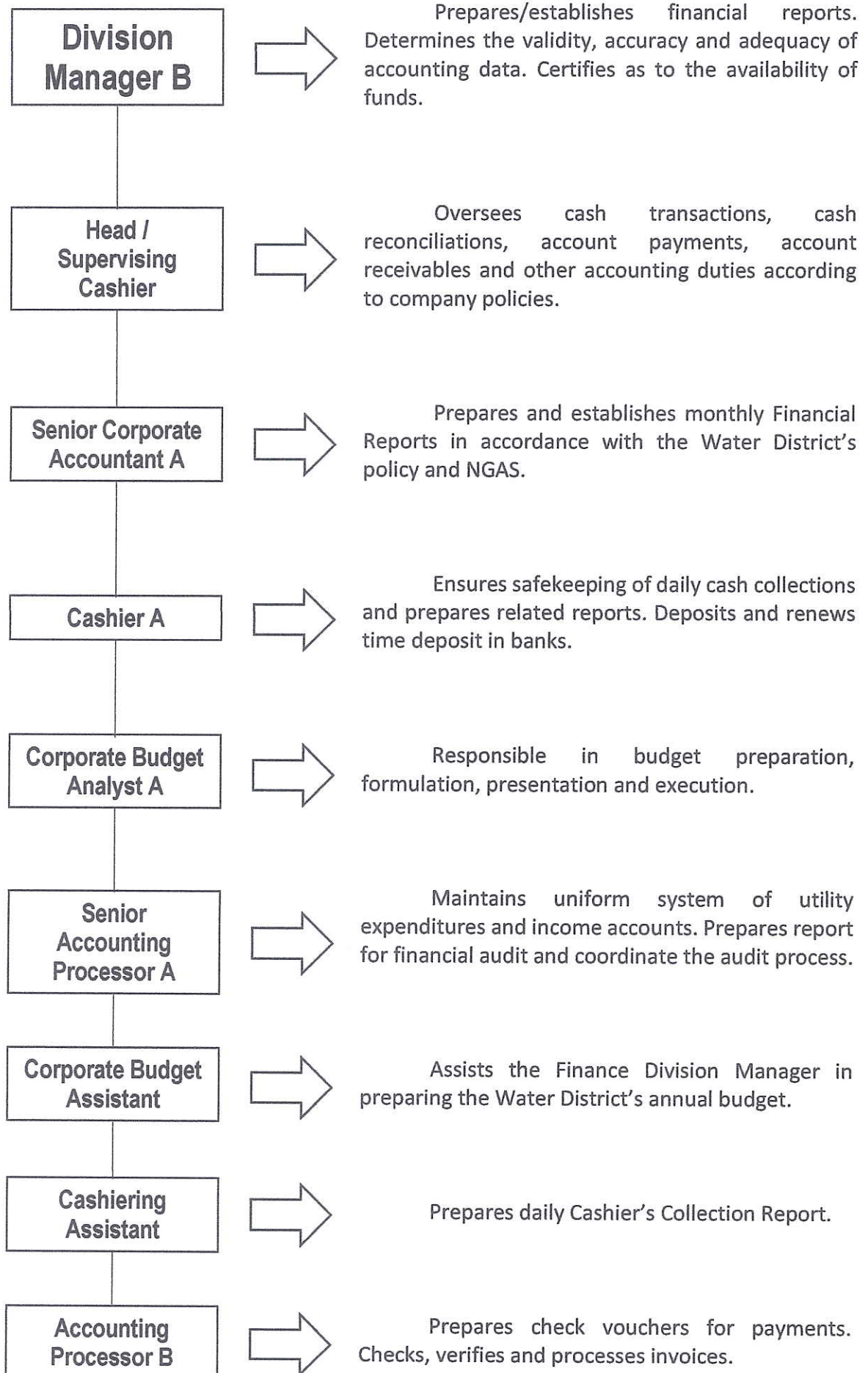
Office of the General Manager:



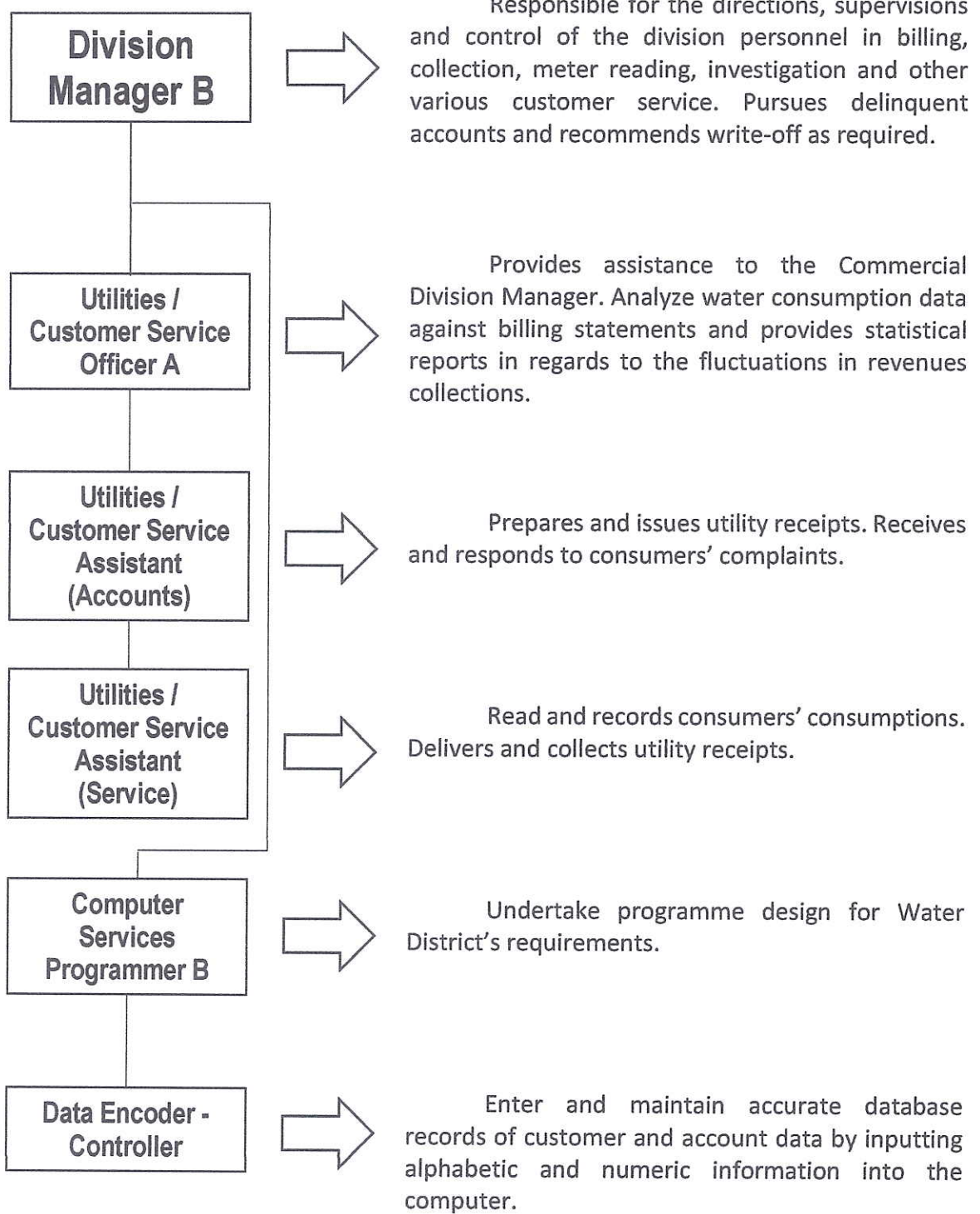
Administrative Division:



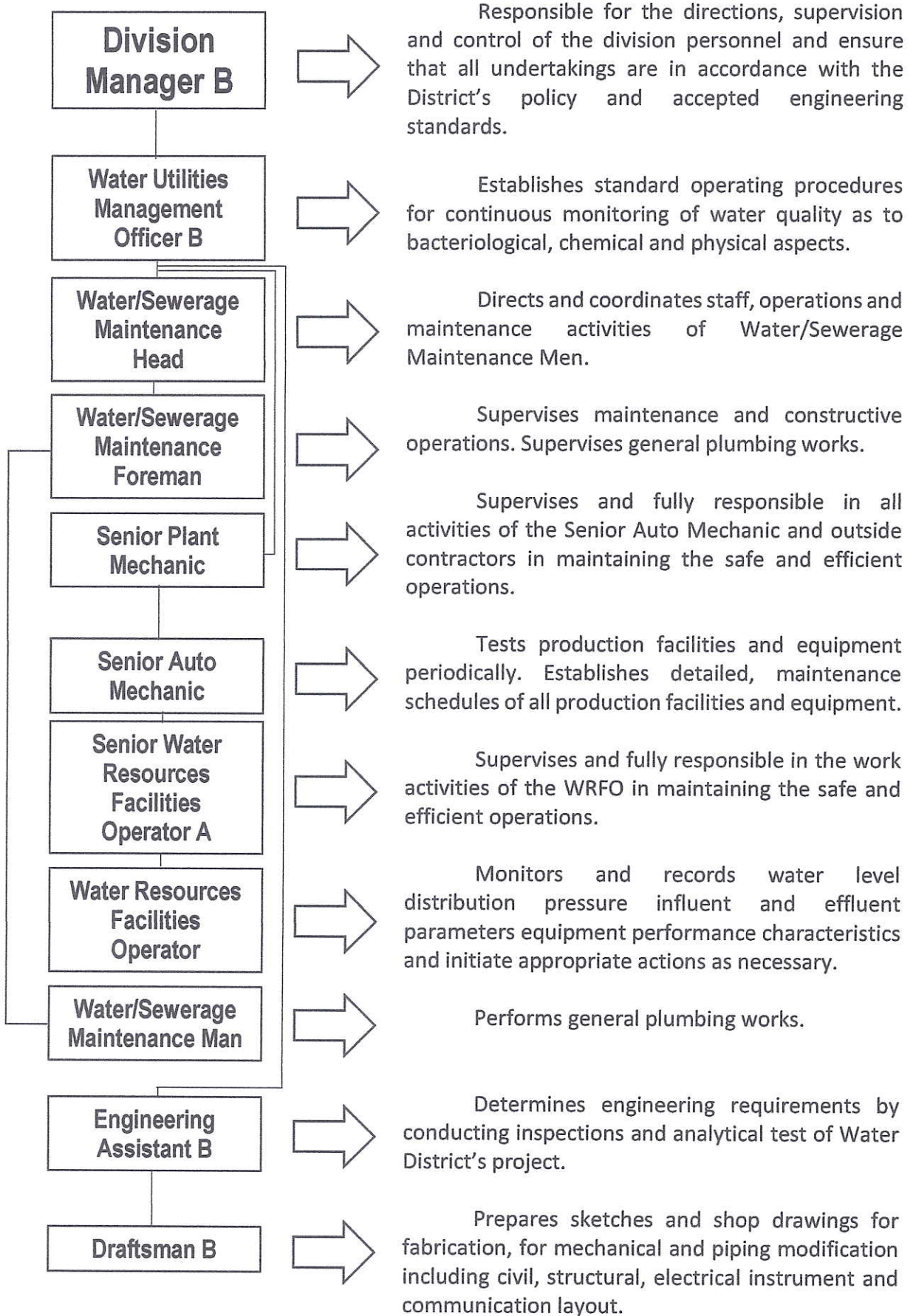
Finance Division:



Commercial Division:



Engineering/Operations Division:



Prepared by:

M. C. De Guzman
MARLYN C. DE GUZMAN
 Division Manager B - Administrative

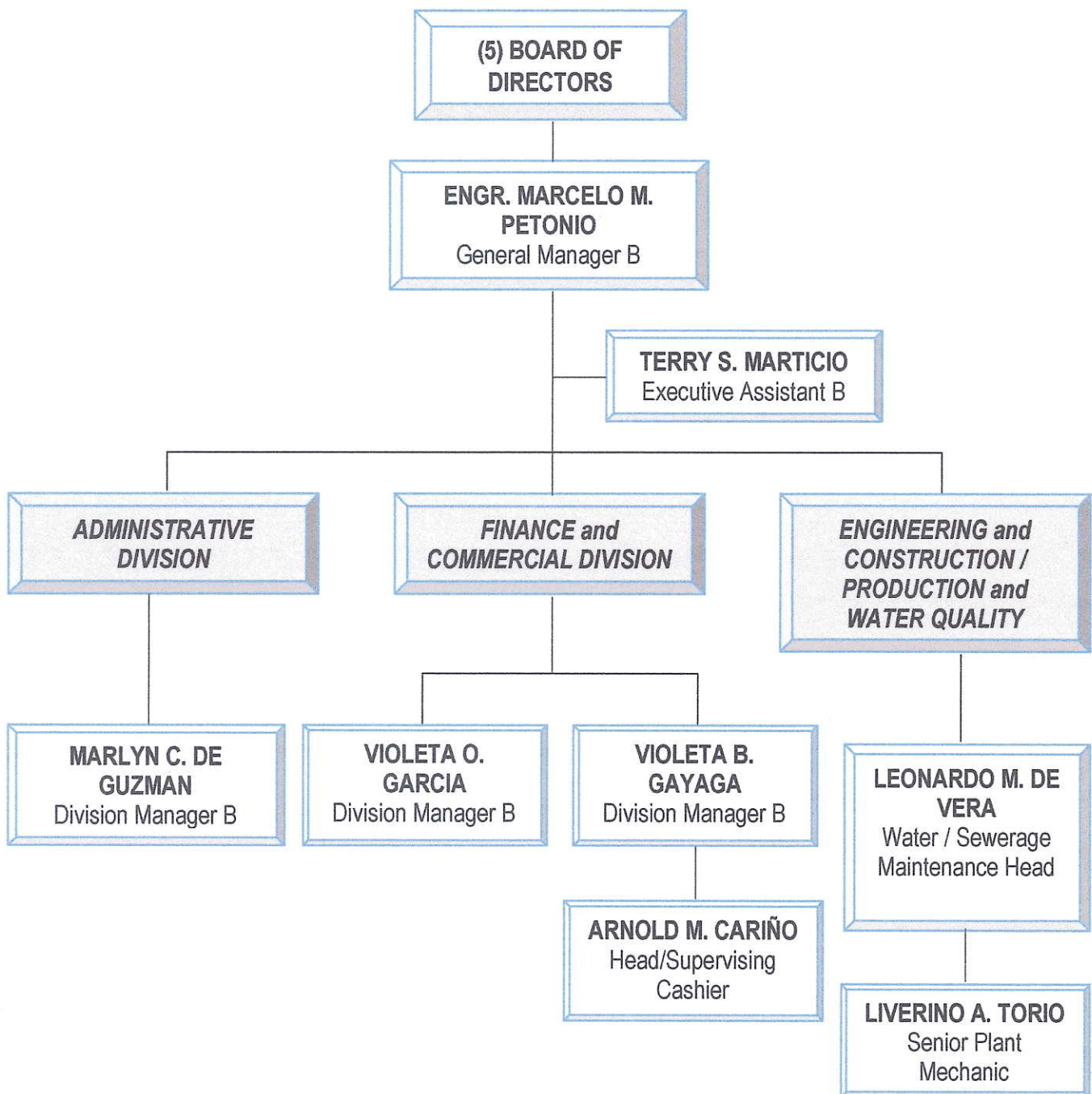
Approved by:

Engr. Marcelo M. Petonio
ENGR. MARCELO M. PETONIO
 General Manager B



Republic of the Philippines
MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

POSITION/ORGANIZATIONAL CHART
(Key Employees Only)
As of December 31, 2020



Prepared in accordance with the
Approved Organizational Structure:

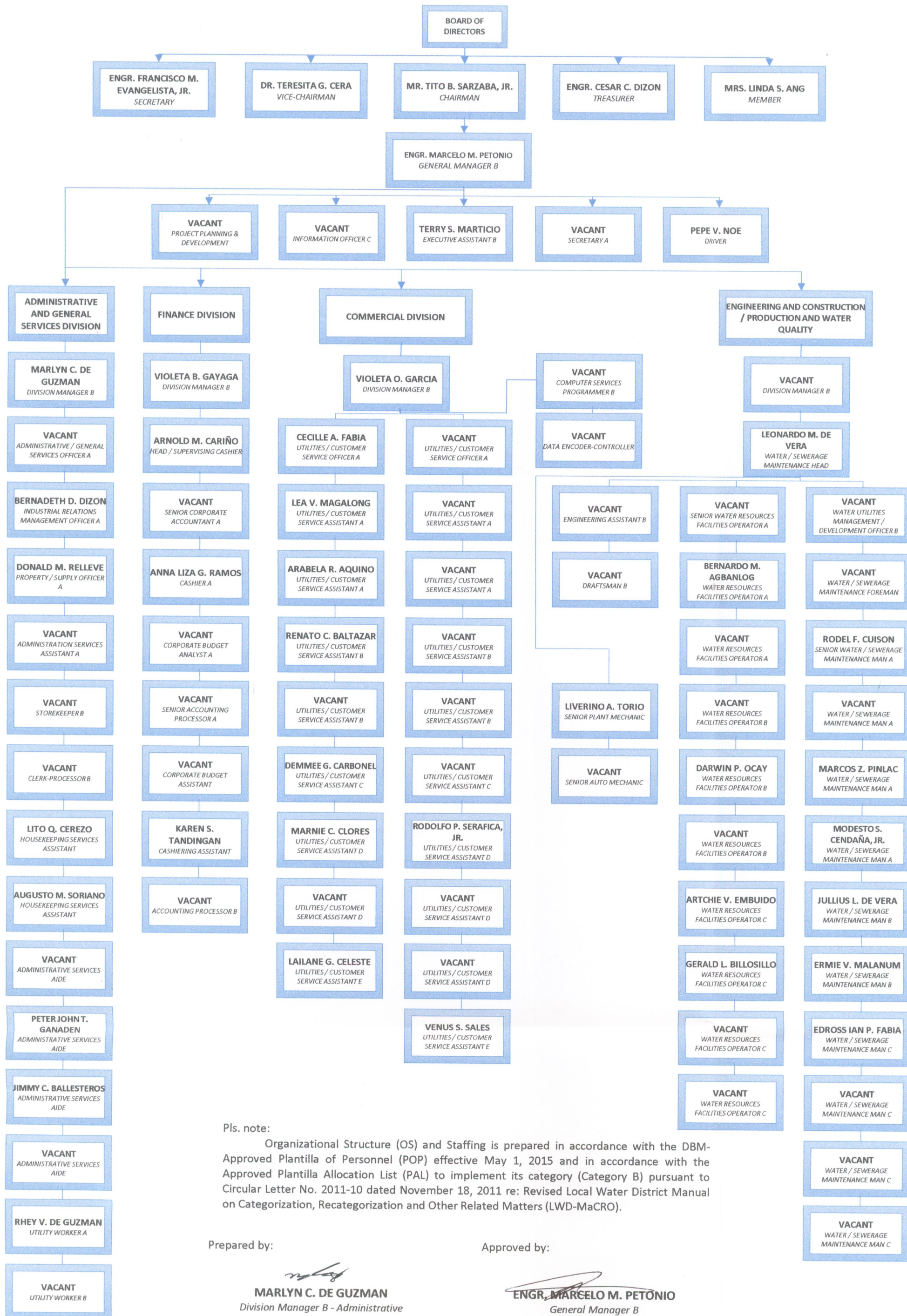

MARLYN C. DE GUZMAN
Division Manager B - Administrative

Approved by:


ENGR. MARCELO M. PETONIO
General Manager B

ORGANIZATIONAL STRUCTURE & STAFFING

CATEGORY "B"



Pls. note:
 Organizational Structure (OS) and Staffing is prepared in accordance with the DBM-Approved Plantilla of Personnel (POP) effective May 1, 2015 and in accordance with the Approved Plantilla Allocation List (PAL) to implement its category (Category B) pursuant to Circular Letter No. 2011-10 dated November 18, 2011 re: Revised Local Water District Manual on Categorization, Recategorization and Other Related Matters (LWD-MaCRO).

Prepared by:

Approved by:

MARLYN C. DE GUZMAN
 Division Manager B - Administrative

ENGR. MARCELO M. PETONIO
 General Manager B

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

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Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
ADMINISTRATIVE AND GENERAL SERVICES DIVISION														
7	Division Manager B	23	2	75,015.00	76,563.00	1,548.00	De Guzman, Marlyn Cruz	Female	07/18/68	100-493-933	08/01/94	05/04/18	Permanent	PD 907
9	Industrial Relations Management Officer A	15	1	30,531.00	32,053.00	1,522.00	Dizon, Bernadeth De Luna	Female	06/07/70	922-294-610	01/02/07	12/16/20	Permanent	Professional
10	Property/Supply Officer A	14	2	29,277.00	29,621.00	344.00	Relleve, Donald Mejia	Male	11/18/79	278-038-807	03/16/10	12/18/20**	Permanent	Professional
14	Housekeeping Services Assistant	6	1	14,847.00	15,524.00	677.00	Cerezo, Lito Quidilig	Male	09/13/65	938-226-349	01/16/14	12/16/20	Permanent	MC No. 11, s. 96 (Barangay Official)
15	Housekeeping Services Assistant	6	2	14,961.00	15,643.00	682.00	Soriano, Augusto Muyano	Male	08/22/70	927-818-690	10/17/05	10/01/18	Permanent	MC No. 11, s. 96 (Cat. III)

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

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Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
COMMERCIAL DIVISION														
31	Division Manager B	23	2	75,015.00	76,563.00	1,548.00	Garcia, Violeta Ogoy	Female	12/09/66	197-325-239	01/16/92	05/04/18	Permanent	RA 1080 (CPA); PD 907
32	Utilities/Customer Service Officer A	16	2	35,106.00	35,522.00	416.00	Fabia, Cecille Aquino	Female	05/15/77	919-681-654	04/15/02	12/18/20**	Permanent	Professional
35	Utilities/Customer Service Assistant A	12	8	26,254.00	26,560.00	306.00	Magalong, Lea Visperas	Female	02/09/63	124-764-677	02/16/89	04/15/20**	Permanent	Subprofessional
38	Utilities/Customer Service Assistant A	12	2	24,495.00	24,779.00	284.00	Aquino, Arabela Reyes	Female	05/11/72	168-036-524	05/17/99	12/18/20**	Permanent	Subprofessional
39	Utilities/Customer Service Assistant B	10	6	20,903.00	21,079.00	176.00	Baltazar, Renato Dela Cruz	Male	03/25/68	915-454-508	03/16/99	10/01/20**	Permanent	Subprofessional

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

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Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
COMMERCIAL DIVISION														
44	Utilities/Customer Service Assistant C	8	2	17,505.00	17,663.00	158.00	Carbonel, Demmee Gutierrez	Female	04/01/91	445-102-399	08/01/16	12/18/20**	Permanent	Professional
46	Utilities/Customer Service Assistant D	6	6	15,426.00	16,129.00	703.00	Serafica, Jr., Rodolfo Paragas	Male	11/23/67	915-454-524	04/15/02	11/14/19**	Permanent	Subprofessional
47	Utilities/Customer Service Assistant D	6	2	14,961.00	15,643.00	682.00	Clores, Marnie Biagtan	Male	01/05/76	278-091-488	03/16/10	10/01/18	Permanent	MC No. 11, s. 96 (Barangay Official)
51	Utilities/Customer Service Assistant E	4	1	13,214.00	13,807.00	593.00	Sales, Venus Senin	Female	09/23/1992	448-199-671	12/16/20	-	Permanent	Sub-professional
52	Utilities/Customer Service Assistant E	4	1	13,214.00	13,807.00	593.00	Celeste, Lailane Glanida	Female	10/22/1996	737-702-960	12/16/20	-	Permanent	Professional
TOTAL PER OFFICE				256,093.00	261,552.00	5,459.00								

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
ENGINEERING AND CONSTRUCTION AND PRODUCTION AND WATER QUALITY DIVISION														
54	Water/Sewerage Maintenance Head	16	1	33,584.00	35,106.00	1,522.00	De Vera, Leonardo Mosarbas	Male	11/02/65	926-118-179	02/20/06	012/16/20	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. II-Mechanical/Electrical Operator)
57	Senior Plant Mechanic	14	2	29,277.00	29,621.00	344.00	Torio, Liverino Acierto	Male	09/29/69	929-868-700	05/02/08	12/18/20**	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. II-Mechanic Automotive Servicing)
58	Senior Water/Sewerage Maintenance Man A	12	2	24,495.00	24,779.00	284.00	Cuison, Rodel Ferrer	Male	12/09/78	929-868-696	10/17/05	12/18/20**	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. III)

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
ENGINEERING AND CONSTRUCTION AND PRODUCTION AND WATER QUALITY DIVISION														
61	Water Resources Facilities Operator A	8	1	16,758.00	17,505.00	747.00	Agbanlog, Bernardo Mangiralas	Male	11/02/75	278-038-033	03/16/11	12/16/20	Permanent	MC No. 11, s. 96 as amended by CSC Mc No. 10, s. 2013 (Category II Water Resources Facilities Operator)
63	Water/Sewerage Maintenance Man A	8	1	16,758.00	17,505.00	747.00	Cendaña, Jr., Modesto Sabino	Male	06/23/74	919-681-670	09/03/01	01/03/19	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. III)
64	Water/Sewerage Maintenance Man A	8	2	17,505.00	17,663.00	158.00	Pinlac, Marcos Zarate	Male	08/17/69	915-454-516	03/16/99	12/18/20**	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. III)

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY:

MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Satus of Appointment (14)	Career Service Eligibility (15)
ENGINEERING AND CONSTRUCTION AND PRODUCTION AND WATER QUALITY DIVISION														
67	Water/Sewerage Maintenance Man B	6	8	16,253.00	16,378.00	125.00	De Vera, Jullius Lopez	Male	07/05/71	197-325-221	05/29/97	04/15/20**	Permanent	MC No. 11, s. 96 (Cat. III)
68	Water/Sewerage Maintenance Man B	6	1	14,847.00	15,524.00	677.00	Malanum, Ermie Villaruz	Male	03/10/76	278-038-339	01/16/14	01/03/19	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. III)
69	Water Resources Facilities Operator B	6	1	14,847.00	15,524.00	677.00	Ocay, Darwin Prestoza	Male	03/28/71	932-395-671	03/16/11	01/03/19	Permanent	MC No. 11, s. 96 as amended by MC No. 10, s. 2013 (Cat. III)
73	Water Resources Facilities Operator C	4	2	13,316.00	13,914.00	598.00	Embuido, Artchie Visperas	Male	3/17/79	922-069-756	06/18/13	02/16/19**	Permanent	MC No. 11, s. 96 as amended by CSC Mc No. 10, s. 2013 (Category II Water Resources Facilities Operator)

PLANTILLA OF PERSONNEL AND SALARY ADJUSTMENT (FILLED POSITIONS)
As Required Under Item No. 6.0 of National Budget Circular No. 579 dated January 24, 2020

AGENCY: MANGALDAN WATER DISTRICT
Serafica St., Mangaldan, Pangasinan

CATEGORY "B" WATER DISTRICT

Unique Item No. CY 2015 (1)	DBM-APPROVED Position Title (2)	Salary Grade (3)	Salary Step (4)	Actual Monthly Basic Salary as of Dec. 31, 2019 (in Pesos) (5)	Adjusted* Monthly Basic Salary Effective Jan. 1, 2020 (in Pesos) (6)	Monthly Salary Adjustment Effective Jan. 1, 2020 (in Pesos) (7)	Name of Incumbent (8)	Sex (9)	Date of Birth (10)	Tax Identification Number (11)	Date of Original Appointment (12)	Date of Last Promotion (13)	Status of Appointment (14)	Career Service Eligibility (15)
ENGINEERING AND CONSTRUCTION AND PRODUCTION AND WATER QUALITY DIVISION														
74	Water/Sewerage Maintenance Man C	4	6	14,236.00	14,345.00	109.00	Fabia, Edross Ian Pante	Male	07/05/77	927-818-704	10/17/05	11/18/20**	Permanent	MC No. 11, s. 96 (Cat. III)
76	Water Resources Facilities Operator C	4	1	13,214.00	13,807.00	593.00	Billosillo, Gerald Landingin	Male	7/30/80	719-652-855	01/02/20	-	Temporary	none
TOTAL PER OFFICE				225,090.00	231,671.00	6,581.00								
GRAND TOTAL				1,032,305.00	1,058,926.00	26,621.00								

Note:

* The salary rates are in accordance with the First Tranche of the Modified Salary Schedule for Civilian Personnel in the National Government pursuant to Republic Act No. 11466 dated January 8, 2020 as implemented by National Budget Circular No. 579, s. 2020 dated January 24, 2020.

** Date of Last Step Increment.
 Filled positions as of December 31, 2020.

Prepared pursuant to DBM-APPROVED POP:


MARLYN C. DE GUZMAN
 Division Manager B - Administrative

APPROVED BY:


ENGR. MARCELO M. PETONIO
 General Manager B

MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

"Annex D"

Yearly Log of Board Actions
2020

Board Resolution No.	Date	TITLE
001-20	1-17-2020	Approving the implementation of the first tranche compensation based on Republic Act No. 11466 as approved by the President of the Philippines dated January 8, 2020
002-20	1-17-2020	Approving the request of Dasol Water District to be assisted in the bidding process in tendering the bidding of the drilling of two (2) test production well at Lubigan, Poblacion and old town Poblacion in Dasol
Policy No. 1	1-17-2020	Approving the guidelines on the use of booster pump
003-20	1-17-2020	Approving the amount of P10,000.00 as cash donation to PAWD for the purpose of helping those affected due to volcanic eruption
004-20	1-17-2020	Approving the recommendation that all payments of water bill will be at Mangaldan Water District office effective April 2020
005-20	2-14-2020	Requesting LWUA to increase Board's per diem and approval for the implementation of new set of per diems under Category B
006-20	3-18-2020	Approving the release of 1/2 Mid-Year Bonus to MAWAD employees
007-20	3-25-2020	Approving the release of hazard duty pay in the amount of P500/day of physical work
008-20	3-25-2020	Approving the averaging of MAWAD consumers' March consumption based from their December-February consumption
009-20	4-27-2020	Approving the additional P1,000.00 every month as service fee for the caretaker in Brgy. Macayug pumping station.
010-20	6-19-2020	Approving to restore the imposition of penalty and disconnection effective July 1, 2020
Policy No. 2	6-19-2020	Policy on water refilling station
011-20	6-30-2020	Approving BAC recommendation declaring NYSA Engineering Services as the Single Calculated and Responsive bid for the supply of labor and materials for the expansion of distribution lines in Brgy. Osiem and authorizing the GM to enter into contract of agreement with the contractor
012-20	7-17-2020	Approving the adoption of MAWAD Disaster Risk Reduction Management Plan

cont...

Board Resolution No.	Date	TITLE
013-20	7-17-2020	Addendum on the Policy regarding the proper guideline on the use of booster pump re: giving reward to those persons who will report an illegal act on the use of booster pump equivalent to 20% of the amount of penalty that would be imposed and collected
014-20	8-28-2020	Approving the CAPEX for 2021
015-20	8-28-2020	Authorizing the GM to enter into contract of agreement with the caretaker in Brgy. Osiem for and in behalf of the Mangaldan Water District
016-20	8-28-2020	Authorizing Mr. Lito Cerezo, Mrs. Anna Liza Ramos and Demmee Carbonel to transact business with the BIR regarding MAWAD tax concerns
017-20	9-11-2020	Approving BAC recommendation declaring Keylargo Industrial Sales for the supply and delivery of pump and motor and authorizing the GM to enter into contract of agreement with the supplier
018-20	9-25-2020	Approving BAC recommendation declaring Interactive Drilling Corporation for the drilling of one exploratory well in Brgy. Tebag and authorizing the GM to enter into contract with the contractor
019-20	10-16-2020	Authorizing the GM to enter into MOA with the GSIS for the Multi-Purpose Loan and consolidation of debts with lower interest rate program for MAWAD employees
020-20	10-16-2020	Approving BAC resolution declaring Nationwide Printers as the Lowest Calculated and Responsive quotation for the supply and delivery of MAWAD 2021 commercial calendars and authorizing the GM to enter into contract of agreement with the supplier
021-20	10-16-2020	Approving the request of Mapandan Water District for assistance in the conduct of the bidding process for the procurement of one motor vehicle
022-20	10-30-2020	Approving the renewal of six casual employees
023-20	10-30-2020	Approving the partial modification of the organizational structure and staffing pattern of the MAWAD particularly re-classification of two positions in the office of the GM, the abolition of three positions of which two under the office of the Commercial Division and one in the engineering and construction and production and water quality and creating three positions of which one in the Division of Admin, Finance and Engineering and defining its functions and qualification standards
024-20	10-30-2020	Authorizing Lino Torio, Pepe Noe and Lito Cerezo to transact business with the Department of Transportation regarding all MAWAD vehicle concerns

cont...

Board Resolution No.	Date	TITLE
025-20	11-12-2020	Approving the budgetary allocation for the year 2021 inclusive of the appropriation for the proposed position allocation list and proposed plantilla of personnel of the MAWAD
026-20	11-12-2020	Approving the budget for operating revenue and expenses for CY 2021
027-20	11-25-2020	Approving the adoption of Performance Based Incentive System in the Mangaldan Water District Board of Directors, allocating funds thereof and authorizing its release in accordance with LWUA MC No. 006-16
028-20	11-25-2020	Renewal of DBPs pick up of daily collection of deposit of MAWAD
029-20	12-17-2020	Approving the grant of Christmas gift to MAWAD caretakers in Brgys. Pogo, Bari, Macayug and Anolid and Security guards in Salay old and new PS
030-20	12-29-2020	Approving the grant of Service Recognition Incentive to government employees for fiscal year 2020
031-20	12-29-2020	Approving the grant of gratuity pay to Job Order Workers of MAWAD for FY 2020

Prepared by:


TERRY S. MARTICIO
Executive Assistant B

APPROVED BY:


ENGR. MARCELO M. PETONIO
General Manager



Republic of the Philippines
MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

List of Reports Prepared Regularly by the District

A. Financial Statements

Trial Balance
Balance Sheet
Income Statement
Cash Flow
Financial & Operating Highlights

B. Monthly Data Sheet

C. Bacteriological Test and Physical-Chemical Test

Prepared by:


VIOLETA B. GAYAGA
Division Manager B - Finance

Approved by:


ENGR. MARCELO M. PETONIO
General Manager

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JANUARY 2020

1) Population actually served by utility 68,845
(No. of service connections x average no. of persons
per service connection)

No. of service connections 13,769

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
b. Percent (%) to the minimum required 100
c. Meets Standard Yes No
(If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
MTFT: MPN/100 ml value of < 1.1
EST: Absent or < 1 MPN/100 ml
MFT: < 1 thermotolerant coliform colonies/100mL NONE
b. Percent (%) to total number of Samples analyzed 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
b. Number of samples showing HPC value < 500 CFU/ml 16
c. Percent (%) to the number of tests conducted (b / a x 100) 100
d. Meets Standard Yes No
(If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


ENGR. MARCELO M. PETONIO

General Manager

4-Feb-2020

Date

**MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF FEBRUARY 2020**

1) Population actually served by utility 69,050
(No. of service connections x average no. of persons
per service connection)

No. of service connections 13,810

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
b. Percent (%) to the minimum required 100
c. Meets Standard Yes No
(If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
MTFT: MPN/100 ml value of < 1.1
EST: Absent or < 1 MPN/100 ml
MFT: < 1 thermotolerant coliform colonies/100mL NONE
b. Percent (%) to total number of Samples analyzed 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
b. Number of samples showing HPC value < 500 CFU/ml 16
c. Percent (%) to the number of tests conducted (b / a x 100) 100
d. Meets Standard Yes No
(If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


ENGR. MARCELO M. PETONIO

General Manager

10-Mar-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF MARCH 2020

1) Population actually served by utility 69,305
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 13,861

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16

b. Percent (%) to the minimum required 100

c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE

b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0

c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE

b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0

c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE

b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0

c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE

b. Percent (%) to total number of Samples analyzed 0

c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16

b. Number of samples showing HPC value < 500 CFU/ml 16

c. Percent (%) to the number of tests conducted (b / a x 100) 100

d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

14-May-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF MAY 2020

1) Population actually served by utility 69,570
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 13,914

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

4-Jun-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JUNE 2020

1) Population actually served by utility 69,685
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 13,937

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

30-Jun-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF JULY 2020

1) Population actually served by utility 69,775
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 13,955

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

5-Aug-2020

Date

**MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF AUGUST 2020**

1) Population actually served by utility 69,715
(No. of service connections x average no. of persons
per service connection)

No. of service connections 13,943

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
b. Percent (%) to the minimum required 100
c. Meets Standard Yes No
(If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
c. Meets Standard Yes No
(If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
MTFT: MPN/100 ml value of < 1.1
EST: Absent or < 1 MPN/100 ml
MFT: < 1 thermotolerant coliform colonies/100mL NONE
b. Percent (%) to total number of Samples analyzed 0
c. Meets Standard Yes No
(If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
b. Number of samples showing HPC value < 500 CFU/ml 16
c. Percent (%) to the number of tests conducted (b / a x 100) 100
d. Meets Standard Yes No
(If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


ENGR. MARCELO M. PETONIO

General Manager

7-Sep-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF SEPTEMBER 2020

1) Population actually served by utility 69,785
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 13,957

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


ENGR. MARCELO M. PETONIO

General Manager

24-Sep-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF OCTOBER 2020

1) Population actually served by utility 70,150
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 14,030

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

18-Nov-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF NOVEMBER 2020

1) Population actually served by utility 70,515
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 14,103

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


ENGR. MARCELO M. PETONIO

General Manager

4-Dec-2020

Date

MANGALDAN WATER DISTRICT
SUMMARY REPORT ON MICROBIOLOGICAL TEST
MONTH OF DECEMBER 2020

1) Population actually served by utility 70,660
 (No. of service connections x average no. of persons
 per service connection)

No. of service connections 14,132

2) Required minimum number of sample based on the following 16

Population Served	Minimum Frequency of Sampling for Total Coliform and Thermotolerant Coliform/E. coli	Minimum Frequency of Sampling for Heterotrophic Plate Count (HPC)	Point of Compliance
Less than 5,000	2 samples monthly	2 samples monthly	Consumers' taps
5,000 - 100,000	1 sample per 5,000 population + 2 additional samples monthly	1 sample per 5,000 population + 2 additional samples monthly	Consumers' taps
More than 100,000	1 sample per 10,000 population + 12 additional samples monthly	Required at least 40% of the sampling points	Consumers' taps

Note: Collection of samples should be spread out within a month

3) Sample Requirement

a. No. of samples examined 16
 b. Percent (%) to the minimum required 100
 c. Meets Standard Yes No
 (If b is 100% or more, check Yes)

4) Parameter/Method

A. Total Coliform

4.1 Multiple Tube Fermentation Technique (MTFT)

a. Number of samples showing presence of coliform group NONE
 b. Percent (%) to samples examined (4.1.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.2 Membrane Filter Technique (MFT)

a. Number of samples showing presence of coliform colonies NONE
 b. Percent (%) to the total number of sample analyzed (4.2.a / 3.a x 100) 0
 c. Meets Standard Yes No
 (If b is 5% or less, check Yes)

4.3 Enzyme Substrate Coliform Test (EST)

a. Number of samples showing presence of coliform NONE
 b. Percent (%) to total number of sample examined (4.3.a/3.a x 100) 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

B. Thermotolerant Coliform/E. coli

a. Number of samples showing presence of thermotolerant coliform/E. coli organisms
 MTFT: MPN/100 ml value of < 1.1
 EST: Absent or < 1 MPN/100 ml
 MFT: < 1 thermotolerant coliform colonies/100mL NONE
 b. Percent (%) to total number of Samples analyzed 0
 c. Meets Standard Yes No
 (If a is Zero, check Yes)

C. Heterotrophic Plate Count (HPC)

a. Number of HPC tests conducted 16
 b. Number of samples showing HPC value < 500 CFU/ml 16
 c. Percent (%) to the number of tests conducted (b / a x 100) 100
 d. Meets Standard Yes No
 (If c is 100%, check Yes)

(Please attach laboratory test results with this summary form)

SUBMITTED BY:


 ENGR. MARCELO M. PETONIO

General Manager

12-Jan-2021

Date

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3052/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0628	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 6:00 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0711
Sample Location : P.S. # 1 Poblacion	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 8.03	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 176	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: <MDL	50	0.29	4500-NO ₃ -D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT INITIALS

THIS REPORT CANNOT BE DUPLICATED OR REPRODUCED EXCEPT IN FULL AND SHALL NOT BE USED FOR ADVERTISEMENT OR LITIGATION WITHOUT THE WRITTEN PERMISSION FROM PRLI

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0629	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 6:15 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0712
Sample Location : P.S. # 2 Banaoang	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	7.82	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)* :	302	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L) :	<MDL	50	0.29	4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L) :	<MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation. 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS VOID WITHOUT DRY SEAL.

THIS REPORT CANNOT BE DUPLICATED OR REPRODUCED EXCEPT IN FULL AND SHALL NOT BE USED FOR ADVERTISEMENT OR LITIGATION WITHOUT THE WRITTEN PERMISSION FROM PRLI

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0630 Submitted By : Mangaldan Water District Address : Mangaldan, Pangasinan Contact Number : NA Sample Source : Deepwell Sample Location : P.S. # 3 Salay (Old)	Date/Time of : June 18, 2020 Collection : 4:00 AM Receipt : June 18, 2020 Examination : June 18, 2020 Test Report # : PC-2020-0713
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WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	8	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	7.75	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)* :	233	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L) :	<MDL	50	0.29	4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L) :	<MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
 MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
 PNSDW - Philippine National Standards for Drinking Water
 The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
 Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:  Lorraine Mae S. Asaytuno PRC No. 0013916 Date: July 15, 2020	Certified by:  Harlene Joy L. Cruz PRC No. 0009512 Date: July 15, 2020	Noted by:  Louvelyn A. Bagarra PRC No. 0025350 Date: July 15, 2020
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End of Report.

THIS REPORT IS NOT VALID WITHOUT JETI SEAL

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0631	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 5:10 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0714
Sample Location : P.S. # 4 Guilig	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.83	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 255	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: <MDL	50	0.29	4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 6013916
Date: July 15, 2020

Certified by:


Harlene Uy A. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT DRY SEAL

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT




Sample Lab. No. : 20-0632	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:22 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0715
Sample Location : P.S. # 5 POGO	

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.42	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 306	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: <MDL	50	0.29	4500-NO ₃ ⁻ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation. 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:	Certified by:	Noted by:
 Lorraine Mae S. Asaytuno PRC No. 0013916 Date: July 15, 2020	 Mariela Joy L. Cruz PRC No. 0009512 Date: July 15, 2020	 Louvelyn A. Bagarra PRC No. 0025350 Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT SIGNATURE

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0633	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:55 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0716
Sample Location : P.S. # 6 Lanas	

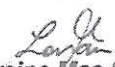
WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	8	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 8.02	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 221	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: 0.3	50		4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nll - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Mariene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT DRY SEAL

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TEST REPORT

Sample Lab. No. : 20-0634	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 6:30 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0717
Sample Location : P.S. # 7 Amansabina	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	7.61	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	335	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	0.3	50		4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	<MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy D. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS VOID WITHOUT QR CODE SEAL.

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TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0635	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 5:15 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0718
Sample Location : P.S. # 8 Guiguilonen	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.06	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 266	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: <MDL	50	0.29	4500-NO ₃ - D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0636	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 7:43 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0719
Sample Location : P.S. # 9 Bari	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.14	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 343	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: 0.3	50		4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Mariene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS VOID AND WITHOUT EFFECT IF NOT SIGNED

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TEST REPORT

Sample Lab. No. : 20-0637	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 4:15 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : FC-2020-0720
Sample Location : P.S. # 10 Salay (New)	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units) :	5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	7.20	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	287	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	<MDL	50	0.29	4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	<MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: *American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.*
Dept. of Health, Philippine National Standards for Drinking Water 2017

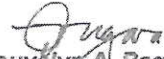
Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT ORIGINAL

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TEST REPORT

Sample Lab. No. : 20-0638	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:58 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0721
Sample Location : P.S. # 11 Macayug	

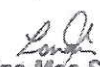
WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.50	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 248	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: <MDL	50	0.29	4500-NO ₃ ⁻ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

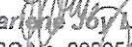
NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS VOID WITHOUT DRY SEAL

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TEST REPORT


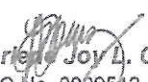

Sample Lab. No. : 20-0639	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:25 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0722
Sample Location : P.S. # 12 Jewelville, Anolid	

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.58	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 476	600		2540 C. Gravimetric dried at 180°C
Nitrate (mg/L)	: 0.6	50	0.29	4500-NO ₃ D Electrode Method
METAL ANALYSIS (mg/L)				
Arsenic (mg/L)	: <MDL	0.01	0.004	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:  Lorraine Mae S. Asaytuno PRC No. 9013916 Date: July 15, 2020	Certified by:  Harlene Joy L. Cruz PRC No. 0009512 Date: July 15, 2020	Noted by:  Louvelyn A. Bagarra PRC No. 0025350 Date: July 15, 2020
--	--	--

End of Report.

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0640	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:35 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0723
Sample Location : Brgy. Poblacion, St. Thomas Catholic School	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.33	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 8.08	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

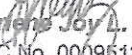
NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

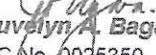
Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

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TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0641	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:10 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0724
Sample Location : Brgy. Banaoang, Matutes Acosta	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.15	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.88	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

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TEST REPORT

Sample Lab. No. : 20-0642	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:25 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0725
Sample Location : Brgy. Salay (Old), Lolita S. Ferrer	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.18	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.87	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRL and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0643	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:57 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0726
Sample Location : Brgy. Gullig, Domingo Prado	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.31	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.99	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS VALID WITHOUT PAYMENT

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SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0644	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:30 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0727
Sample Location : Brgy. POGO, Rogelio Velasquez	

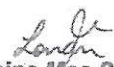
WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.21	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.43	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
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Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

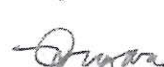
Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Mariene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT ORIGINAL SEAL

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TEST REPORT

Sample Lab. No. : 20-0645	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:01 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0728
Sample Location : Brgy. Lanas, Rowena S. Amaba	

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.25	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.71	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:

Lorraine Mae S. Asaytuno
Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:

Hariene Joy L. Cruz
Hariene Joy L. Cruz
PRC No. 0009612
Date: July 15, 2020

Noted by:

Louvelyn A. Bagarra
Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
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TEST REPORT

Sample Lab. No. : 20-0649	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:37 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0732
Sample Location : Brgy. Salay (New), Vilma E. Caballero	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.76	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.56	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

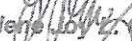
NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

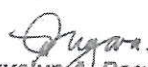
Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy Z. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT PHYSICAL

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TEST REPORT

Sample Lab. No. : 20-0648	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:00 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0731
Sample Location : Brgy. Bari, Rosalia Aguirre	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.62	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.74	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0026350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT LRY SEAL

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TEST REPORT

Sample Lab. No. : 20-0647	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:07 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0730
Sample Location : Brgy. Guiguilonen, Virgilio Cabrera	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 0.99	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.77	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT THIS SIGNATURE

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TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 20-0646	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 9:20 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0729
Sample Location : Brgy. Amansabina, Erlina Real	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 1.37	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.58	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.
Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0029350
Date: July 15, 2020

End of Report.

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TEST REPORT




Sample Lab. No. : 20-0650	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 10:06 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0733
Sample Location : Brgy. Macayug, Roberto F. Calansanan	

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 0.99	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.76	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.

NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
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Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES: American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:  Lorraine Mae S. Asaytuno PRC No. 0013916 Date: July 15, 2020	Certified by:  Harlene Joy L. Cruz PRC No. 0009512 Date: July 15, 2020	Noted by:  Louvelyn A. Bagarra PRC No. 0025350 Date: July 15, 2020
--	--	--

End of Report.

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TEST REPORT

Sample Lab. No. : 20-0651	Date/Time of : June 18, 2020
Submitted By : Mangaldan Water District	Collection : 8:34 AM
Address : Mangaldan, Pangasinan	Receipt : June 18, 2020
Contact Number : NA	Examination : June 18, 2020
Sample Source : Deepwell	Test Report # : PC-2020-0734
Sample Location : Brgy. Anolid, Bernardito Escoben	


WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	: 0.90	5		2130 B. Nephelometric Method
Apparent Color (Color Units)	: 5	10		2120 B. Visual Comparison
CHEMICAL ANALYSIS				
pH*	: 7.74	6.5 - 8.5		4500-H+ B. Electrometric
METAL ANALYSIS (mg/L)				
Cadmium (mg/L)	: <MDL	0.003	0.0005	3113 B. Electrothermal AAS
Lead (mg/L)	: <MDL	0.01	0.002	3113 B. Electrothermal AAS

REMARKS: All parameters measured are within the permissible level set by the PNSDW.


NOTES: * ISO/IEC 17025:2005 Accredited Parameters.
MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)
PNSDW - Philippine National Standards for Drinking Water
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REFERENCES: *American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.*
Dept. of Health, Philippine National Standards for Drinking Water 2017


Analyzed by:


Lorraine Mae S. Asaytuno
PRC No. 0013916
Date: July 15, 2020

Certified by:


Harlene Joy L. Cruz
PRC No. 0009512
Date: July 15, 2020

Noted by:


Louvelyn A. Bagarra
PRC No. 0025350
Date: July 15, 2020

End of Report.

THIS REPORT IS NOT VALID WITHOUT ANY SEAL

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MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

TRIAL BALANCE
December 31, 2020

TEAM 5. AUDIT GROUP A
COA, REG. I

DATE: 01/21/2021

RECEIVED BY:

Code	Particulars	DEBIT	CREDIT
1 01 01 01	Cash on Hand	-	
1 99 01 020	Advances for Payroll	-	
1 01 01 020	Petty Cash Fund	5,000.00	
1 01 02 020	Cash in Bank - Local Currency, Current Account DBP	70,397,798.68	
	Cash in Bank - Local Currency, Current Account LB-EBCS	1,022,753.80	
1 01 02 040	Cash in Bank - Local Currency, Time Deposit CD DBP	3,774,618.45	
	Cash in Bank - Local Currency, Time Deposit MSF LB	6,591,870.34	
	(Ret. & Benefits)		
1 03 01 010	Accounts Receivable - Gen. Customers	2,935,883.30	
1 03 01 011	Allowance for Doubtful Accounts		134,850.58
1 03 05 020	Due from Officers and Employees	-	
1 03 05 990	Other Receivables	190,000.00	
1 04 04 010	Office Supply Inventory	83,105.88	
1 04 04 020	Accountable Forms Inventory	474,264.73	
1 04 04 080	Fuel, Oil & Lubricants	41,181.15	
1 04 04 120	Chemical & Filtering Supplies Inventory	57,765.00	
1 04 04 130	Construction Materials Inventory	1,441,249.10	
1 04 05 020	Semi-Expendable - Office Equipment	59,484.00	
1 04 05 030	Semi-Expendable - IT Equipment	54,190.00	
1 04 06 010	Semi-Expendable - Furniture & Fixtures	68,653.65	
1 99 02 050	Prepaid Insurance	21,604.41	
1 99 99 990	Other Deferred Debits	70,797.17	
1 02 02 010	Sinking Fund (LB)	11,041,638.48	
1 06	Property Plant & Equipment	95,719,156.03	
1 06	Accumulated Depreciation - P.P.E		32,728,964.40
1 06 99 020	Construction Work in Progress - Infrastructure Assets	2,783,591.20	
1 06 99 060	Construction Work in Progress - Furniture & Fixtures	-	
1 08 01 020	Intangible Assets - Computer Software	463,000.00	
1 08 01 021	Accumulated Amortization - Computer Software		145,845.00
2 01 01 010	Accounts Payable		3,981,421.79
2 02 01 010	Due to BIR		446,408.99
2 02 01 020	Due to GSIS		217,991.30
2 02 01 030	Due to Pag-Ibig		39,217.66
2 02 01 040	Due to Philhealth		28,558.05
2 04 01 010	Trust Liabilities		1,347,498.50
2 04 01 040	Guaranty/Security Deposits Payable		382,555.23
2 04 01 050	Guaranty Deposit - General Customers		3,410,500.45
2 99 99 990	Other Payables		-
3 01 01 030	Contributed Capital		615,720.00
3 01 01 010	Accumulated Surplus		139,133,192.30
4 02 02 090	Waterworks System Fees		58,088,930.85
4 02 02 990	Other Business Income		773,970.78
4 02 02 230	Fines & Penalties - Business Income		1,522,618.50
4 02 02 210	Interest Income		198,558.11
5 05 04 090	Loss of Assets	141,629.72	
5 05 03 020	Impairment Loss-Receivables	25,365.68	
5 01	Operation Expense - Personal Services	21,385,454.39	
5 02	Maintenance & Other Operating Expense	20,278,729.62	
5 05 01	Depreciation Expense	3,984,677.71	
5 05 02	Amortization Expense	83,340.00	
		<u>243,196,802.49</u>	<u>243,196,802.49</u>

Prepared By:

VIOLETA B. GAYAGA
Division Manager B - Finance

Noted By:

ENGR. MARCELO M. PETONIO
General Manager



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

STATEMENT OF FINANCIAL POSITION
as of December 31, 2020
(with comparative figures for 2019)

TEAM 5, AUDIT GROUP /
COA, REG. I
DATE: 01/21/2021
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	Note	2020	2019
ASSETS			
Cash and Cash Equivalents			
<i>Cash on Hand</i>			
Cash-Collecting Officers		-	140,228.62
Petty Cash Fund		5,000.00	5,000.00
<i>Cash in Bank - Local Currency</i>			
Cash in Bank - Local Currency, CA, DBP		70,397,798.68	65,907,521.14
Cash in Bank - Local Currency, CA, Landbank-EBCS		1,022,753.80	1,339,741.34
<i>Cash Equivalents</i>			
Time Deposit-Local Currency, CD-DBP		3,774,618.45	3,739,751.50
Time Deposit-Local Currency, LB-MSF		6,591,870.34	4,560,963.59
Total Cash and Cash Equivalents		81,792,041.27	75,693,206.19
Investments			
<i>Sinking Fund</i>			
Sinking Fund		11,041,638.48	10,867,992.98
Total Investments		11,041,638.48	10,867,992.98
Receivables			
<i>Loans and Receivables Accounts</i>			
Accounts Receivable		2,935,883.30	2,691,332.11
Allowance for Impairment-Accounts Receivable		(134,850.58)	(136,336.31)
Accounts Receivable - Net		2,801,032.72	2,554,995.80
<i>Other Receivables</i>			
Other Receivables		190,000.00	161,500.00
Total Receivables		2,991,032.72	2,716,495.80
Inventories			
<i>Inventory Held for Consumption</i>			
Office Supplies Inventory		83,105.88	75,360.51
Accountable Forms Inventory		474,264.73	380,021.08
Fuel, Oil, and Lubricants Inventory		41,181.15	40,761.30
Chemical and Filtering Supplies Inventory		57,765.00	12,700.00
Construction Materials Inventory		1,441,249.10	929,785.55
Other Supplies and Materials Inventory		-	1,774,959.00
<i>Semi-Expendable Machinery and Equipment</i>			
Semi-Expendable Office Equipment		59,484.00	-
Semi-Expendable ICT Equipment		54,190.00	-
<i>Semi-Expendable Furniture and Fixtures</i>			
Semi-Expendable Furniture and Fixtures		68,653.65	-
Total Inventories		2,279,893.51	3,213,587.44
Property, Plant, and Equipment			
<i>Land</i>			
Land, Net		3,268,735.00	3,268,735.00
Land		3,268,735.00	3,268,735.00
Accumulated Impairment Losses - Land		-	-
<i>Land Improvements</i>			
Land Improvements, Net		92,787.79	108,896.94
Land Improvements		173,435.00	178,435.00
Accumulated Depreciation - Land Improvements		80,647.21	69,538.06
Accumulated Impairment Losses - Land Improvements		-	-
<i>Infrastructure Assets</i>			
Water Supply Systems, Net		45,736,648.68	38,558,490.50
Water Supply Systems		68,621,822.64	63,266,522.84
Accumulated Depreciation - Water Supply Systems		22,885,173.96	24,708,032.34
Accumulated Impairment Losses - Water Supply Systems		-	-
Power Supply Systems, Net		1,756,856.92	1,489,312.91
Power Supply Systems		2,669,383.47	3,082,506.84
Accumulated Depreciation - Power Supply Systems		912,526.55	1,593,193.93
Accumulated Impairment Losses - Power Supply Systems		-	-



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

STATEMENT OF FINANCIAL POSITION
as of December 31, 2020
(with comparative figures for 2019)

TERMS. AUDIT BRANCH
COA. REG. T
DATE: 01/21/2021
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	Note	2020	2019
<i>Building & Other Structures</i>			
Buildings, Net		5,204,165.40	5,478,110.86
Buildings		8,911,641.12	9,015,041.12
Accumulated Depreciation - Buildings		3,707,475.72	3,536,930.26
Accumulated Impairment Losses - Buildings		-	-
Other Structures, Net		33,104.73	51,036.03
Other Structures		189,492.60	292,213.60
Accumulated Depreciation - Other Structures		156,387.87	241,177.57
Accumulated Impairment Losses - Other Structures		-	-
<i>Machinery & Equipment</i>			
Office Equipment, Net		279,399.78	436,724.03
Office Equipment		481,003.00	1,999,365.54
Accumulated Depreciation - Office Equipment		201,603.22	1,562,641.51
Accumulated Impairment Losses - Office Equipment		-	-
Information & Communications Tech. Equipment, Net		226,831.86	590,309.51
Information & Communications Tech. Equipment		333,238.00	1,278,449.94
Accumulated Depreciation - ICT Equipment		106,406.14	688,140.43
Accumulated Impairment Losses - ICT Equipment		-	-
Communications Equipment, Net		-	16,938.85
Communications Equipment		-	189,045.75
Accumulated Depreciation - Communications Equip.		-	172,106.90
Accumulated Impairment Losses - Communications Equip.		-	-
Other Machinery and Equipment, Net		1,508,537.31	2,119,377.73
Other Machinery and Equipment		2,898,898.00	6,398,294.00
Accumulated Depreciation - Other Machinery & Equip.		1,390,360.69	4,278,916.27
Accumulated Impairment Losses - Other Machinery & Equip.		-	-
<i>Transportation Equipment</i>			
Transportation Equipment, Net		1,988,222.15	2,434,106.43
Transportation Equipment		3,226,927.00	4,863,308.67
Accumulated Depreciation - Transpo. Equipment		1,238,704.85	2,429,202.24
Accumulated Impairment Losses - Transpo. Equipment		-	-
<i>Furniture, Fixtures, and Books</i>			
Furniture & Fixtures, Net		59,046.01	145,885.62
Furniture & Fixtures		135,812.20	710,359.11
Accumulated Depreciation - Furniture & Fixtures		76,766.19	564,473.49
Accumulated Impairment Losses - Furniture & Fixtures		-	-
Books, Net		-	70.00
Books		-	3,400.00
Accumulated Depreciation - Books		-	3,330.00
Accumulated Impairment Losses - Books		-	-
<i>Other Property, Plant, and Equipment</i>			
Other Property, Plant, and Equipment, Net		2,835,855.99	2,054,921.13
Other Property, Plant, and Equipment		4,808,768.00	9,159,471.17
Accumulated Depreciation - Other PPE		1,972,912.01	7,104,550.04
Accumulated Impairment Losses - Other PPE		-	-
<i>Construction in Progress</i>			
Construction in Progress - Infrastructure Assets		2,783,591.20	-
Total Property, Plant, and Equipment		65,773,782.83	56,752,915.54
Intangible Assets			
<i>Computer Software</i>			
Computer Software, Net		317,155.00	-
Computer Software		463,000.00	-
Accumulated Amortization - Computer Software		145,845.00	-
Accumulated Impairment Losses - Computer Software		-	-
Total Intangible Assets		317,155.00	-



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

TEAM 5, AUDIT GROUP A
COA, REG. I
DATE: 01/21/2021
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STATEMENT OF FINANCIAL POSITION
as of December 31, 2020
(with comparative figures for 2019)

	Note	2020	2019
Other Assets			
<i>Prepayments</i>			
Prepaid Insurance		21,604.41	143,693.67
<i>Other Assets</i>			
Deferred Charges		70,797.17	211,430.71
Other Assets		-	401,434.35
Total Other Assets		<u>92,401.58</u>	<u>756,558.73</u>
TOTAL ASSETS		<u><u>164,287,945.39</u></u>	<u><u>150,000,756.68</u></u>
LIABILITIES AND EQUITY			
LIABILITIES			
<i>Financial Liabilities</i>			
Accounts Payable		3,981,421.79	394,768.00
Total Financial Liabilities		<u>3,981,421.79</u>	<u>394,768.00</u>
<i>Inter-Agency Payables</i>			
Due to BIR		446,408.99	487,174.36
Due to GSIS		217,991.30	333,625.37
Due to Pag-Ibig		39,217.66	38,232.51
Due to PhilHealth		28,558.05	23,865.75
Due to NGAS		-	22,000.00
Total Inter-Agency Payables		<u>732,176.00</u>	<u>904,897.99</u>
<i>Trust Liabilities</i>			
Trust Liabilities		1,347,498.50	-
Customers' Deposits Payable		3,410,500.45	3,414,384.65
Guaranty/Security Deposits Payable		382,555.23	640,073.95
Total Trust Liabilities		<u>5,140,554.18</u>	<u>4,054,458.60</u>
Total Liabilities		<u><u>9,854,151.97</u></u>	<u><u>5,354,124.59</u></u>
EQUITY			
<i>Government Equity</i>			
Contributed Capital		615,720.00	615,720.00
<i>Retained Earnings</i>			
Retained Earnings		153,818,073.42	144,030,912.09
Total Equity		<u><u>154,433,793.42</u></u>	<u><u>144,646,632.09</u></u>
TOTAL LIABILITIES AND EQUITY		<u><u>164,287,945.39</u></u>	<u><u>150,000,756.68</u></u>

Prepared By:

VIOLETA B. GAYAGA
Division Manager B - Finance

Noted by:

ENGR. MARCELO M. PETONIO
General Manager



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

TEAM 5, AUDIT GROUP A
COA, REG. I
DATE: 01/21/2021
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STATEMENT OF COMPREHENSIVE INCOME
for the year ended December 31, 2020
(with comparative figures for 2019)

	Note	2020	2019
REVENUE/INCOME			
<i>Business Income</i>			
Waterworks System Fees		58,088,930.85	56,235,689.23
Fines and Penalties		773,970.78	2,032,887.70
Other Business Income		1,522,618.50	891,759.65
GROSS INCOME		60,385,520.13	59,160,336.58
Less: EXPENSES			
PERSONNEL SERVICES			
<i>Salaries and Wages</i>			
Salaries and Wages - Regular		12,645,691.03	12,035,939.11
Salaries and Wages - Casual/Contractual		1,126,940.25	1,195,030.53
<i>Other Compensation</i>			
Personnel Economic Relief Allowance		908,612.61	947,772.74
Representation Allowance		301,578.91	305,328.00
Transportation Allowance		283,363.63	282,000.00
Clothing/Uniform Allowance		222,000.00	234,000.00
Honoraria		928,800.00	583,200.00
Overtime Pay		69,183.63	51,348.01
Year End Bonus		1,990,825.80	2,099,539.80
Cash Gift		179,000.00	200,500.00
Other Bonuses and Allowances		560,000.00	1,533,750.00
<i>Personnel Benefit Contributions</i>			
Retirement & Life Insurance Contribution		1,495,356.07	1,496,893.68
Pag-ibig Contribution		45,700.00	47,500.00
PhilHealth Contribution		166,471.98	140,212.37
Employees Compensation Insurance Premium (ECC)		45,732.39	47,500.00
<i>Other Personnel Benefits</i>			
Terminal Leave Benefits		416,198.09	397,288.14
TOTAL PERSONNEL SERVICES		21,385,454.39	21,597,802.38
MAINTENANCE AND OTHER OPERATING EXPENSES			
<i>Traveling Expenses</i>			
Traveling Expense - Local		59,403.00	360,221.68
<i>Training and Scholarship Expenses</i>			
Training Expense		9,214.60	150,990.00
<i>Supplies and Materials Expenses</i>			
Office Supplies Expense		272,750.18	225,723.53
Accountable Forms Expense		418,226.35	411,744.34
Medical, Dental, and Laboratory Supplies Expense		135,360.00	157,660.00
Fuel, Oil, and Lubricants Expense		564,159.70	557,526.29
Chemical and Filtering Supplies Expense		823,667.50	819,437.50
<i>Utility Expenses</i>			
Electricity Expense		14,072,251.17	13,687,665.92
Other Utility Expenses (Cooking Gas)		5,362.00	5,812.00
<i>Communication Expenses</i>			
Postage and Courier Expense		6,783.00	4,371.00
Telephone Expense - Landline/Mobile		365,107.16	370,188.46
Internet Subscription Expense		16,159.98	21,688.00
Cable, Satellite, Telegraph, and Radio Expense		5,400.00	5,409.00
<i>Awards/Rewards, Prizes and Indemnities</i>			
Awards/Rowards Expensc		50,000.00	48,673.23
<i>Confidential, Intelligence, and Extraordinary Expenses</i>			
Extraordinary & Miscellaneous Expense (EME)		117,600.00	330,781.30
<i>Professional Services</i>			
Legal Services		20,600.00	24,600.00
Auditing Services		464,786.01	204,488.21
<i>General Services</i>			
Security Services		540,000.00	480,000.00
Other General Services		94,521.45	30,682.35



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

TEAM 5, AUDIT GROUP A
COA, REG. I

STATEMENT OF COMPREHENSIVE INCOME
for the year ended December 31, 2020
(with comparative figures for 2019)

DATE: 01/21/2021
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	Note	2020	2019
<i>Repairs & Maintenance</i>			
Repairs & Maintenance - Land Improvements		-	1,800.00
Repairs & Maintenance - Infrastructure Assets		290,322.93	454,951.62
Repairs & Maintenance - Buildings and Other Structures		761.50	5,650.75
Repairs & Maintenance - Machinery & Equipment		86,248.49	75,464.60
Repairs & Maintenance - Furniture & Fixtures		-	10,350.00
Repairs & Maintenance - Transportation Equipment		39,531.83	135,113.75
Repairs & Maintenance - Other PPE		33,770.00	30,022.82
<i>Taxes, Insurance Premiums, and Other Fees</i>			
Taxes, Duties, & Licenses		907,595.70	1,559,578.09
Fidelity Bonds Premium		12,000.00	11,212.50
Insurance Expense		172,404.27	141,391.87
<i>Other Maintenance and Operating Expenses</i>			
Printing and Publication Expense		233,830.00	251,602.00
Representation Expense		408,577.80	335,491.64
Rent/Lease Expense		9,600.00	10,020.00
Membership Dues & Contributions to Organizations		13,627.00	13,020.00
Subscription Expense		3,146.00	6,344.00
Donations		25,777.00	47,100.00
TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES		20,278,544.62	20,986,776.45
FINANCIAL EXPENSES			
Bank Charges		185.00	200.00
TOTAL FINANCIAL EXPENSES		185.00	200.00
NON-CASH EXPENSES			
<i>Depreciation</i>			
Depreciation - Land Improvements		15,609.15	15,609.15
Depreciation - Infrastructure Assets		2,298,091.53	2,152,974.12
Depreciation - Building and Other Structures		279,466.26	278,832.54
Depreciation - Machinery and Equipment		385,326.86	490,096.85
Depreciation - Transportation Equipment		291,921.66	201,074.46
Depreciation - Furniture and Fixtures		24,035.03	56,753.09
Depreciation - Other PPE		690,227.22	480,092.73
<i>Amortization</i>			
Amortization - Computer Software		83,340.00	-
<i>Impairment Loss</i>			
Impairment Loss - Loans and Receivables		25,365.68	167,167.20
<i>Loss</i>			
Loss of Assets		141,629.72	-
TOTAL NON-CASH EXPENSES		4,235,013.11	3,842,600.14
TOTAL EXPENSES		45,899,197.12	46,427,378.97
Income from Operations		14,486,323.01	12,732,957.61
ADD: Other Income			
Interest from Savings Account		198,558.11	207,950.49
NET INCOME BEFORE INCOME TAX		14,684,881.12	12,940,908.10

Prepared By:

VIOLETA B. GAYAGA
Division Manager B - Finance

Noted by:

ENGR. MARCELLO M. PETONIO
General Manager



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

STATEMENT OF CHANGES IN EQUITY
as of December 31, 2020
(with comparative figures for 2019)

TEAM 5, AUDIT GROUP A
COA, REL. I

DATE: 01/21/2021
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	Note	2020	2019
GOVERNMENT EQUITY			
Balance at beginning of period		615,720.00	615,720.00
Reclassification of Capital Accounts		-	-
Additions/Deductions		-	-
Balance at end of period		<u>615,720.00</u>	<u>615,720.00</u>
RETAINED EARNINGS			
Balance at beginning of period		131,090,003.99	132,670,880.33
Prior period adjustments		8,043,188.31	(1,580,876.34)
Net Income for the period		14,684,881.12	12,940,908.10
Balance at end of period		<u>153,818,073.42</u>	<u>144,030,912.09</u>
TOTAL EQUITY		<u>154,433,793.42</u>	<u>144,646,632.09</u>

Prepared By:

VIOLETA B. GAYAGA
Division Manager B - Finance

Noted by:

ENGR. MARCELO M. PETONIO
General Manager



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

STATEMENT OF CASH FLOWS
as of December 31, 2020
(with comparative figures for 2019)

TEAM 5, AUDIT GROUP A
COA, REG. I
DATE: 01/21/2021
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	Note	2020	2019
CASH FLOW FROM OPERATING ACTIVITIES			
Cash Inflows:			
Collection of Water Bills		59,062,687.21	58,200,880.81
Collection of Other Business and Income		570,897.48	699,887.67
Interest Income (Net)		124,912.61	127,210.89
Guaranty Deposit		21,920.70	26,041.85
Sale of Materials, Other Fittings		2,007,943.81	2,255,207.11
Refund of Advances & Others		45,431.22	112,825.04
Other Miscellaneous (GSIS reimbursement & others)		444,599.28	868,553.81
Total Cash Inflows		62,278,392.31	62,290,607.18
Cash Outflows:			
Payment of Personal Services		16,800,192.86	14,618,230.49
Payment of Operating & Maintenance Expenses		16,141,170.35	17,952,037.80
Payment of Advances		378,500.00	714,850.00
Payment of Customers' Deposit		-	27,500.00
Purchases of Office Supplies/Materials		1,190,526.32	1,139,675.42
Prepayments		25,125.78	150,559.04
Payment of Payables		10,948,719.27	10,156,974.53
Remittances of GSIS/Pag-Ibig/BIR		5,836,967.75	6,218,901.26
Total Cash Outflows		51,321,202.33	50,978,728.54
Total Cash Provided by Operating Activities		10,957,189.98	11,311,878.64
CASH FLOW FROM INVESTING ACTIVITIES			
Cash Inflow:			
Collection of Bid Document/Registration		13,000.00	19,500.00
Total Cash Inflow		13,000.00	19,500.00
Cash Outflows:			
Payment for Construction Work in Progress		4,252,779.98	1,336,100.86
Purchase of Property, Plant, & Equipment		518,574.92	2,448,982.72
Transfer for Reserve (Sinking Fund)		100,000.00	1,200,000.00
Total Cash Outflows		4,871,354.90	4,985,083.58
Total Cash Used in Investing Activities		(4,858,354.90)	(4,965,583.58)
CASH FLOW FROM FINANCING ACTIVITIES			
Transfer from EBCS		-	-
Total Cash Provided by Financing Activities		-	-
Net Cash Inflow provided by operating, investing, and financing activities		6,098,835.08	6,346,295.06
ADD: Cash and Cash Equivalents - Beginning		75,693,206.19	69,346,911.13
CASH AND CASH EQUIVALENTS - ENDING		81,792,041.27	75,693,206.19
Cash Balance Breakdown:			
Cash on Hand		-	140,228.62
Petty Cash Fund		5,000.00	5,000.00
Cash in Banks			
Current Account (DBP)		70,397,798.68	65,907,521.14
Current Account (LB-EBCS)		1,022,753.80	1,339,741.34
Customer's Deposit (DBP)		3,774,618.45	3,739,751.50
MSF (LB)		6,591,870.34	4,560,963.59
		81,792,041.27	75,693,206.19

Prepared By:

VIOLETA B. GAYAGA
Division Manager B - Finance

Noted by:

ENGR. MARCELO M. PETONIO
General Manager



MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan
FINANCIAL & OPERATING HIGHLIGHTS
for the month of December 2020

TEAM 5, AUDIT GROUP A
COA, REG. I
DATE: 01/21/2021
RECEIVED BY: [Signature]

<u>PARTICULARS</u>	<u>CURRENT MONTH</u>	<u>YEAR TO DATE</u>
Financial Operating Results		
Gross Income	4,628,234.55	60,385,520.13
Operating Expenses	5,253,118.05	45,899,197.12
Income (Loss) from operation	(624,883.50)	14,486,323.01
Other Income - Interest Income	23,817.87	198,558.11
Net Income (Loss) before income tax	(601,065.63)	14,684,881.12
Amount Per Cubic Meter Billed:		
Gross Income	17.06	16.68
Operating Expense	19.36	12.68
Income (Loss) from operation	(2.30)	4.00
Net Income (Loss) before income tax	(2.22)	4.06
Financial Conditions		
Property, Plant & Equipment (net)	2,852,931.22	62,990,191.63
Accumulated Depreciation PPE	319,946.44	32,728,964.40
Contributed Capital	-	615,720.00
Accumulated Surplus/Deficit	(600,514.86)	139,133,192.30
Net Income (Loss) before income tax	(601,065.63)	14,684,881.12
Total Capital	(1,201,580.49)	154,433,793.42
Current assets/Current liabilities	8.84	8.84
Production/Billing/Collection:		
Cubic Meter Produced	342,495 cu.m.	4,551,149.00 cu.m.
Average Daily per Month/Year	11,048 cu.m.	12,469 cu.m.
Rated Production Capacity Per Month/Year	431,700 cu.m.	5,120,088 cu.m.
% of Utilization of Rated Production Capacity	79.34 %	88.89 %
Cubic Meter billed or accounted for	271,554 cu.m.	3,620,700 cu.m.
% of Unaccounted For Water	20.71 %	20.44 %
Production & Dist. Cost Per Cubic Meter Produced	3.65	3.57
Water Billings:		
In Cubic Meters	271,327 cu.m.	3,619,624 cu.m.
Amount	4,329,923.66	58,094,437.44
Average Monthly Consumption Per Connection	19 cu.m.	21 cu.m.
Collections:		
Current Month Billing	2,562,441.96	31,547,120.79
Previous Month Billing	2,083,801.23	23,785,124.70
Delinquent Account Previous Year	998.50	2,088,101.92
Penalty	226,072.35	1,626,491.20
% of Collection of Current Water Bills	59.18%	92.69 %
Balance at end of the period	1,767,481.70	2,801,032.72
Increase (decrease) for the period	(341,764.42)	(344,768.08)
Other Pertinent Statistics:		
Total No. of Services	46	15,326
Total Active	29	14,132
Total Metered	29	14,162
Total Billed	29	14,132
Population Served	145	70,660
Kil. Of Main in Used*	2,350 lms	99.632 kms
Total Employees	45	45
Regular 35/Casual 1/Co-Terminus 2/Job order 7		

MONTHLY DATA SHEET

For the Month Ending DECEMBER 2020

Name of Water District : MANGALDAN
 Province : Pangasinan
 Region : I
 CCC No. : 139
 Email Address : janwaterdistrict0979@yahoo.com
 Website, if any : .mangaldanwaterdistrict.gov.ph
 Contact Nos. (mobile): _____
 (landline) : (0935) 653-0574, (075) 523-5888
 Geo-coordinates of the WD Office(° ' "): 16°04'14"N 120°24'17"E
 Under Joint Venture Agreement? (Yes/No): No

1. MUNICIPAL DATA/SERVICE COVERAGE

1.1 Municipality(ies) Served	Mun.	Total No. of Brgys.	No. of Brgys Served	Percent (%) Served to Total	
Name of Municipality(ies)	Class				
Main Mun.: <u>Mangaldan</u>		<u>30</u>	<u>30</u>	<u>100.0%</u>	NOTE: If more than 3 municipalities/cities being served, they could be combined in the rows.
Annexed: _____					
Annexed: _____					

2. SERVICE CONNECTION DATA:

2.1 Total Service (Active + Inactive)	<u>15,326</u>		
2.2 Total Active	<u>14,132</u>		
2.3 Total metered	<u>14,162</u>		
2.4 Total billed	<u>14,132</u>		
2.5 Ave. Persons/Conn.	<u>5.0</u>		
2.6 Population Served (2.2 x 2.5)	<u>70,660</u>		
2.7 Changes in No. of Conn.		<u>This Month</u>	<u>Year-to-Date</u>
New		<u>46</u>	<u>487</u>
Reconnection		<u>13</u>	<u>204</u>
Disconnected		<u>30</u>	<u>299</u>
Market Growth		<u>29</u>	<u>392</u>
2.8 No. of Customers in Arrears	<u>5,579</u>	<u>(39.5%)</u>	
2.9 No. of Active Connections		<u>Metered</u>	<u>Unmetered</u>
Residential/Domestic	<u>13,401</u>		<u>13,401</u>
Government	<u>52</u>		<u>52</u>
Commercial/Industrial	<u>679</u>		<u>679</u>
Full Commercial	<u>605</u>		<u>605</u>
Commercial A	<u>74</u>		<u>74</u>
Commercial B			<u>-</u>
Commercial C			<u>-</u>
Commercial D			<u>-</u>
Bulk/Wholesale			<u>-</u>
Total	<u>14,132</u>	<u>-</u>	<u>14,132</u>

3. PRESENT WATER RATES:

3.1 Date Approved (mm/dd/year): 3/8/2013 Effectivity (mm/dd/year): 4/1/2013

3.2 Water Rates

CLASSIFICATION	MIN. CHARGES	COMMODITY CHARGES					
		11-20 CUM	21-30 CUM	31-40 CUM	41-50 CUM	51-60 CUM	61 & Above
Domestic/Government	₱ 125.00	₱ 13.50	₱ 15.00	₱ 17.00	₱ 20.50	₱	₱
Commercial/Industrial	250.00	27.00	30.00	34.00	41.00		
Commercial A	218.75	23.60	26.25	29.75	35.85		
Commercial B							
Commercial C							
Commercial D							
Bulk Sales							

4. BILLING & COLLECTION DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
4.1 BILLING (Water Sales)		
a. Current - metered	P 4,330,413.50	P 58,093,241.15
b. Current - unmetered	-	-
c. Penalty charges	226,072.35	1,626,491.20
d. Less: Senior Citizen Discount	489.84	24,255.77
Total	P 4,555,996.01	P 59,695,476.58
4.2 BILLING PER CONSUMER CLASS:		
e Residential/Domestic	P 3,671,999.10	P 49,417,125.30
f Government	115,110.50	1,630,372.45
g Commercial/Industrial	543,303.90	7,045,743.40
h Bulk/Wholesale	-	-
Total	P 4,330,413.50	P 58,093,241.15
4.3 COLLECTION (Water Sales)		
a. Current account	P 2,562,441.96	P 31,547,120.79
b. Arrears - current year	2,083,801.23	23,785,124.70
c. Arrears - previous years	998.50	2,088,101.92
Total	P 4,647,241.69	P 57,420,347.41
4.4 ACCOUNTS RECEIVABLE-CUSTOMERS (Beginning of the Yr.):		2,554,995.80
4.5 ON-TIME-PAID, This Month	<u>This Month</u>	<u>Year-to-Date</u>
4.3a		
(4.1a) + (4.1b)	X 100 = 59.2%	
4.6 COLLECTION EFFICIENCY, Y-T-D		
(4.3a) + (4.3b)	55,332,245.49	= 92.7%
4.1 Total	59,695,476.58	
4.7 COLLECTION RATIO, Y-T-D		
4.3 Total	57,420,347.41	= 92.2%
4.1 Total + 4.4	62,250,472.38	

5. FINANCIAL DATA:

	<u>This Month</u>	<u>Year-to-Date</u>
5.1 REVENUES		
a. Operating Revenues	P 4,628,234.55	P 60,385,520.13
b. Non-Operating revenues	23,817.87	198,558.11
Total	P 4,652,052.42	P 60,584,078.24
5.2 EXPENSES		
a. Salaries and wages	P 1,296,569.61	P 15,335,369.43
b. Pumping cost (Fuel, Oil, Electric)	1,142,409.00	13,860,436.08
c. Chemicals (treatment)	102,830.00	823,667.50
d. Other O & M Expense	2,362,278.00	11,811,706.40
e. Depreciation Expense	349,031.44	4,068,017.71
f. Interest Expense	-	-
g. Others	-	-
Total	P 5,253,118.05	P 45,899,197.12
5.3 NET INCOME (LOSS)	P (601,065.63)	P 14,684,881.12
5.4 CASH FLOW STATEMENT		
a. Receipts	P 5,179,053.90	P 62,291,392.31
b. Disbursements	8,426,635.09	56,192,557.23
c. Net Receipts (Disbursements)	(3,247,581.19)	6,098,835.08
d. Cash balance, beginning	85,039,622.46	75,693,206.19
e. Cash balance, ending	81,792,041.27	81,792,041.27

5.5 MISCELLANEOUS (Financial)	<u>At the end of this month</u>		
a. Loan Funds (Total)		-	
1. Cash in Bank	₱	-	
2. Cash on Hand		-	
b. WD Funds (Total)		92,833,679.75	
1. Cash on hand	₱	-	
2. Cash in bank		71,420,552.48	
3. Special Deposits		3,774,618.45	
4. Investments		6,591,870.34	
5. Working fund		5,000.00	
6. Reserves			
6.1 WD-LWUA JSA		11,041,638.48	
6.2 General Reserves		-	
c. Materials & Supplies inventory	₱	2,097,565.86	
d. Accounts Receivable		2,801,032.72	
1. Customers	₱	2,801,032.72	
2. Materials on loans		-	
3. Officers & Employees		-	
e. Customers' deposits		3,410,500.45	
f. Loans payable		-	
g. Payable to creditors eg. suppliers		3,981,421.79	
5.6 FINANCIAL RATIOS		<u>This Month</u>	<u>Year-to-Date</u>
a. Operating Ratio (benchmark = less than .75)			
Operating Expenses		4,904,086.61	41,831,179.41
Operating Revenues		4,628,234.55	60,385,520.13
		= 1.06	= 0.69
b. Net Income Ratio (benchmark = more than 0.08)			
Net Income (Loss)		(601,065.63)	14,684,881.12
Operating Revenues		4,628,234.55	60,385,520.13
		= (0.13)	= 0.24
c. Current Ratio			
Current Assets		87,155,369.08	
Current Liabilities		9,854,151.97	
		= 8.84	

6. WATER PRODUCTION DATA:

6.1 SOURCE OF SUPPLY		<u>Total Rated Capacity</u>		
	<u>Number</u>	<u>(In LPS)</u>	<u>or (in Cum/Mo)</u>	<u>Basis of Data</u>
a. Wells	13		431,700	
b. Springs				
c. Surface/River				
d. Bulk purchase				
Total	13	0	431,700	
		<i>Conversion: 1 LPS = 2,600 cum/mo</i>		
6.2 WATER PRODUCTION (m ³)		<u>This Month</u>	<u>Year-to-Date</u>	<u>Method of Measurement</u>
a. Gravity				
b. Pumped		342,495.0	4,551,149.0	
Total		342,495.0	4,551,149.0	
6.3 WATER PRODUCTION COST		<u>This Month</u>	<u>Year-to-Date</u>	
a. Total power consumption for pumping (KW-Hr)		120,436.00	1,407,589.00	
b. Total power cost for pumping (PHP)		1,123,238.62	13,658,715.67	
c. Other energy cost (oil, etc.) (PHP)		19,170.38	223,138.91	
d. Total Pumping Hours (motor drive)		7,942.75	96,405.51	
e. Total Pumping Hours (engine drive)		81.75	906.00	
f. Total Chlorine consumed (Kg.)		1,830.00	18,365.00	
g. Total Chlorine cost (PHP)		102,830.00	823,667.50	
h. Total cost of other chemicals (PHP)				
Total Production Cost	₱	1,245,239.00	14,705,522.08	₱

6.4 ACCOUNTED FOR WATER (m ³)		
a. Total Billed Metered Consumption (m ³)	271,327.0	3,616,565.0
Residential	251,220.0	3,349,018.0
Government	5,455.0	78,295.0
Commercial/Industrial (Total)	14,652.0	189,252.0
Full Commercial	12,619.0	160,633.0
Commercial A	2,033.0	28,619.0
Commercial B		
Commercial C		
Commercial D		
Bulk/Wholesale		
b. Unmetered billed		
c. Total billed	271,327.0	3,616,565.0
d. Metered unbilled	227.0	4,135.0
e. Unmetered unbilled	-	-
f. Total Accounted	271,554.0	3,620,700.0

6.5 WATER USE ASSESSMENT		
a. Average monthly consumption/connection (m ³)	19.2	
Residential (m ³ /conn/mo.)	18.7	
Government (m ³ /conn/mo)	104.9	
Commercial/Industrial (m ³ /conn/mo)	21.6	
Bulk/Wholesale (m ³ /conn/mo)		
b. Average liters per capita/day (lpcd)	125.0	
c. Accounted for water (%)	79.3%	79.6%
d. Revenue Producing Water (%)	79.2%	79.5%
e. Percent Non-revenue Water (%)	20.8%	20.5%
f. 24/7 Water Service (Y/N)	Y	

7. STORAGE FACILITIES

	No. of Units	Total Capacity (m ³)
a. Elevated Reservoir(s)	2	550
b. Ground Reservoir(s)		

8. MISCELLANEOUS

8.1 EMPLOYEES

a. Total	45
b. Regular	37
c. Casual	1
d. Job-order/COS	7
e. Number of active connections/employee	372
f. Average monthly salary/employee	33,630.00

8.2 BOARD OF DIRECTORS

	Name	Number of Meetings Attended					
		This Month			Year-to-Date		
		Regular	Special/ Emergency	Total	Regular	Special/ Emergency	Total
1	Tito B. Sarzaba Jr.	2		2	24		24
2	Teresita G. Cera	2		2	24		24
3	Francisco M. Evangelista Jr.	2		2	24		24
4	Cesar C. Dizon	2		2	24		24
5	Linda S. Ang	2		2	24		24
6							
				This Month			Year-to-Date
a.	No. of Resolutions passed			3			31
b.	No. of Policies passed			-			
c.	Directors fees paid			₱ 54,000.00			637,200.00
d.	Meetings:						
	1. Held			2			24
	2. Regular			2			24
	3. Special/Emergency						

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 ACCOMPLISHMENT
a.	_____	_____	_____	_____
b.	_____	_____	_____	_____
c.	_____	_____	_____	_____

9.2 CURRENT FINANCIAL ASSISTANCE/LOANS/GRANTS

	LOAN AMOUNT (PHP)	Interest Rate % p.a.	Monthly Amortization (PHP)	Arrearages, if any (PHP)	Terminal Year of Amortization
a. Loans from LWUA					
1	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____
b. Loans from Other Fund Sources					
1	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____

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	2013
d. Water Safety Plan Review	2019
e. Business Plan Review	_____
f. Groundwater Data Bank Installation	2017

Submitted by:


 ENGR. MARCELO M. PETONIO
 General Manager

Verified by:

Noted by:

 GIGI S. SERAFICA
 Management Advisor

 UDEV Division Manager




Republic of the Philippines
MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

Approved Water Rates Schedule
C.Y. 2020

Classification	Size	Min. Charge	11-20 m ³	21-30 m ³	31-40 m ³	Over m ³
Residential/Gov't.	½"	125.00	13.50	15.00	17.00	20.50
Commercial/Ind'l.	½"	250.00	27.00	30.00	34.00	41.00
Commercial A	½"	218.75	23.60	26.25	29.75	35.85
Commercial B	½"	187.50	20.25	22.50	25.50	30.75
Commercial C	½"	156.25	16.85	18.75	21.25	25.60
Bulk/Wholesale	½"	375.00	40.50	45.00	51.00	61.50

Prepared by:


VIOLETA O. GARCIA
Division Manager B - Commercial

Approved by:


ENGR. MARCELO M. PETONIO
General Manager



Republic of the Philippines
MANGALDAN WATER DISTRICT
 Mangaldan, Pangasinan

Summary of Water Production and Consumption
 C.Y. 2020

Period	Production	Consumption
January	389,782	309,984
February	368,672	288,397
March	350,191	276,360
April	376,569	291,249
May	423,086	369,441
June	366,530	284,307
July	376,847	298,897
August	407,008	317,889
September	378,801	298,040
October	382,361	305,685
November	388,807	308,897
December	342,495	271,554
Total	4,551,149	3,620,700

Prepared by:


VIOLETA B. GAYAGA
 Division Manager B - Finance

Approved by:


ENGR. MARCELO M. PETONIO
 General Manager



Republic of the Philippines
MANGALDAN WATER DISTRICT
Mangaldan, Pangasinan

WD Water Sources
C.Y. 2020

No.	Source	Location	With Production Meter
1	P.S. I	Public Plaza	Yes
2	P.S. II	Banaoang	Yes
3	P.S. III	Salay	Yes
4	P.S. IV	Guilig	Yes
5	P.S. V	Pogo	Yes
6	P.S. VI	Lanas	Yes
7	P.S. VII	Amansabina	Yes
8	P.S. VIII	Guiguilonen	Yes
9	P.S. IX	Bari	Yes
10	P.S. X	Salay	Yes
11	P.S. XI	Macayug	Yes
12	P.S. XII	Anolid	Yes
13	P.S. XIII	Osiem	Yes

Prepared by:

Approved by:


VIOLETA B. GAYAGA
Division Manager B - Finance


ENGR. MARCELO M. PETONIO
General Manager



Republic of the Philippines
MANGALDAN WATER DISTRICT
 Mangaldan, Pangasinan

SERVICE CONNECTION GROWTH
 C.Y. 2020

Period	New Connection	Reconnection	Disconnection	Total Connections
December 2019				13,740
January 2020	32	19	22	13,769
February	48	19	26	13,810
March	51	19	19	13,861
April	52	15	12	13,916
May			2	13,914
June	22	7	6	13,937
July	11	12	5	13,955
August	20	12	44	13,943
September	72	16	74	13,957
October	69	33	29	14,030
November	64	39	30	14,103
December 2020	46	13	30	14,132
Total	487	204	299	

Summary:

Total Active Connections as of December 2019	13,740
Add: Total New Connections - 2020	487
Total	14,227
Add: Total Reconnections - 2020	204
Metered	14,431
Less: Total Disconnections - 2020	299
Total Active Connections as of December 31, 2020	14,132

Prepared by:


VIOLETA O. GARCIA
 Division Manager B - Commercial

Approved by:


ENGR. MARCELO M. PETONIO
 General Manager



Republic of the Philippines
MANGALDAN WATER DISTRICT
 Mangaldan, Pangasinan

*List of Major Equipment and Machineries
 with an Initial Cost of at least ₱ 10,000.00
 For the period January 1, 2020 to December 31, 2020*

Month	Account Code	Description	Amount
2020			
Jan-20	1 06 03 050	one (1) unit variable frequency drive (teco series model F510 40 hp,30kw,0-120H2, 3 wire,220v,3 phase with complete set of control panel	290,000.00
Jan-20	1 06 03 050	one (1) unit manual transfer switch - 3 pole double throw)	33,000.00
Feb-20	1 06 03 050	one (1) unit 25-kva transformer,single-phase, primary line to be installed at Pumping Station No. 13 located at Brgy. Osiem, Mangaldan, Pangasinan	144,175.92
Feb-20	1 06 05 030	LED monitor w/replacement of HDD & Wiring	27,500.00
Mar-20	1 06 05 030	Two (2) units Dot matrix printer (Epson LX 310) for Commercial Division	22,600.00
May-20	1 06 99 990	Flow meter 4" w/FBNG	48,195.00
Jun-20	1 06 99 990	1 Lot Genset	787,500.00
Aug-20	1 06 03 050	one (1) lot transformer 10kva (7620/220V 60hz) for the immediate replacement of busted transformer at Pumping Station No. 5 located at Brgy. Pogo	49,500.00
Sep-20	1 06 05 020	one (1) split type airconditioning unit 2HP (office of the GM) and one (1) split type airconditioning unit 2.5HP (Finance office)	104,494.00
Sep-20	1 06 05 030	1 pc Lenovo Ideapad 3 Intel Core i5 2GB VCARD 4GB RAM 512 SSD 15.6" with Windows 10 Home 64bit & MS Office Home & Student 2019	42,000.00
Sep-20	1 06 99 990	Submersible deepwell pump (model: SP 60-5, 5 stages)	179,865.50
Sep-20	1 06 99 990	submersible motor (20HP, 230 volts, 3 phase, 60hz)	115,760.50
Oct-20	1 06 05 030	Intel Core i3, 8GB DDR4 2800MHz, WD BLUE 1TB SATA, KINGSTON N400 120GB SSD, 18.5" Monitor, USB KB+MOUSE, Secure AVR, (2) A4 Tech Webcam with mic	25,700.00
Oct-20	1 06 05 030	Lenovo Ideapad 3 1411L05-81WD005WPH, SN: PF28EREV, Intel Core i3, 1005GI, 4GB DDR4, 1TB HDD + 128GB SSD, Integrated graphics 14" FHD TN, Windows 10 Home OS, Lenovo Bag, Logitech M187 Wireless Mouse #20172Z076FM9	32,500.00
Dec-20	1 06 99 990	Tools (flaring and drilling) for maintenance men's use per P.O. 20-11-131	28,545.00



Republic of the Philippines
MANGALDAN WATER DISTRICT
 Mangaldan, Pangasinan

*List of Major Equipment and Machineries
 with an Initial Cost of at least ₱ 10,000.00
 For the period January 1, 2020 to December 31, 2020*

Month	Account Code	Description	Amount
2020			
Dec-20	1 06 99 990	1 pc pipe wrench 6", 1 pc pipe wrench 8", 2 pcs pipe wrench 10", 2 pcs pipe wrench 12" and pipe wrench 14" for Water Sewerage Maintenance Men's use per P.O. 20-08-085, and 1 pc welding rod holder, 1 pc clam holder for ground and 3 meters service cord for the replacement of portable welding machine per P.O. 20-12-138	17,760.00
Dec-20	1 06 99 990	1 IWAKI Metering Pumo Nodel ES-B11 (chlorinator) with complete accessories and fifty (50) meters braided hose for Pumping Stations' Use P.O 20-11-128	40,500.00
TOTAL			P1,989,595.92

Prepared by:


VIOLETA B. GAYAGA
 Division Manager B - Finance

Approved by:


ENGR. MARCELO M. PETONIO
 General Manager