



Santa Maria
WATER DISTRICT

2020 ANNUAL REPORT

SMWD History

The original water system of Santa Maria, Bulacan was constructed in 1931 under Mayor Agustin Morales and was managed and operated by the defunct National Waterworks and Sewerage Authority (NAWASA). With the dissolution of the latter in 1971, management was turned over to the local government. However, the water system could not be maintained and operated efficiently due to lack of funds. In order to address this predicament, **Santa Maria Water District (SMWD)** was established on September 26, 1986 by virtue of Sangguniang Bayan Resolution No. 12 series of 1986.

With the formation of SMWD, it fully took over the operations and management of the water supply system from the municipal government in accordance with the Presidential Decree No. 198 (as amended by P.D. No. 768, 1479 and 9286) also known as the Provincial Water Utilities Act of 1973.

A total of 241 concessionaires, three (3) production wells at Dulong Bayan, Macaiban and Villarica (the third well became idle due to low water pressure on December 1994) and one (1) concrete reservoir at Gulod, Poblacion were turned over to the SMWD.

On September 28, 1987, the Local Water Utilities Administration (LWUA) issued the Conditional Certificate of Conformance (CCC) No. 310 enabling financial, technical and regulatory services for SMWD and it entitled the SMWD to all the rights and privileges provided under P.D. 198, as amended.

In line with SMWD's progress, it also gained a number of recognitions along the way. In 2004, SMWD received the Most Outstanding Water District Nominee in the Medium Category for Luzon. In 2005, was the year that SMWD received a certification from Local Water Utilities Administration (LWUA) as a Credit Worthy Water District from 2002-2004. In 2006, SMWD received a Plaque of Appreciation in Sincere Recognition and Grateful Appreciation of its valuable support in advocating environment concerns in the protection and conservation of our natural resources, given by Sacred Heart Academy. By 2007, another Plaque of Appreciation with regards to Grateful Appreciation of its Participation in Seminar Training on Hydraulic Network Modeling was given to SMWD by Dan Water Philippines.

In 2016 up to 2018, SMWD was certified as a Drug-Free Workplace by Drug Check Phils, Inc. From then on, SMWD is conducting the annual Drug Test. In the year 2018, the Santa Maria Water District received three (3) National Awards respectively: ISO CERTIFIED 9001:2015, MOST OUTSTANDING WATER DISTRICT NOMINEE (Category B WD) and CERTIFICATE OF WATER SAFETY PLAN ACCEPTANCE. These awards certainly boost SMWD's morale to continue to strive for excellent service to its concessionaires and continuous participation in helping the community and the environment



1. SMWD LOGO

The SMWD Logo is composed of a leaf and water wave wherein from the leaf comes the water wave and then the water goes back to the leaf once again.

The leaf represents the environment and water wave represents our water supply. It shows that we get our water supply from our environment and in return, we take care of our environment by protecting the water resources.

The water drop on the center represents the whole Municipality of Santa Maria, and the circle that surrounds it shows the adequate, reliable and potable water supply that Santa Maria Water District can provide to its concessionaires.

The logo may also be pictured as the image of an eye, an eye that will serve as our instrument in rendering excellent and responsive customer service with the highest degree of professionalism and competence as a world-class water supply and sewerage service provider.

2. MISSION

To be a world-class water supply and sanitation service provider in the Municipality of Santa Maria, Bulacan by 2030.

VISION

To achieve customer satisfaction by providing adequate, reliable and potable water supply and sanitation services while preserving the environment for sustainable community development.

3. CORE VALUES

COMPETENCE	Providing service and executing tasks successfully and efficiently.
RESPONSIBILITY	To satisfactorily perform or complete assigned tasks in aiming to the success of SMWD.
UNITY	Oneness of desire to serve and achieve the vision of SMWD.
SERVICE	Being eager to supply and prioritize the public need of the community.
ACCOUNTABILITY	Accepting and acknowledging responsibilities for tasks, actions, decisions and policies that encompasses the wholeness of being a public servant.
INTEGRITY	Always aiming to uphold the state of being undivided and standing for what is true and noble for SMWD.
DEDICATION	Willingness to run extra mile to give service to the public, and giving 100% commitment to SMWD.

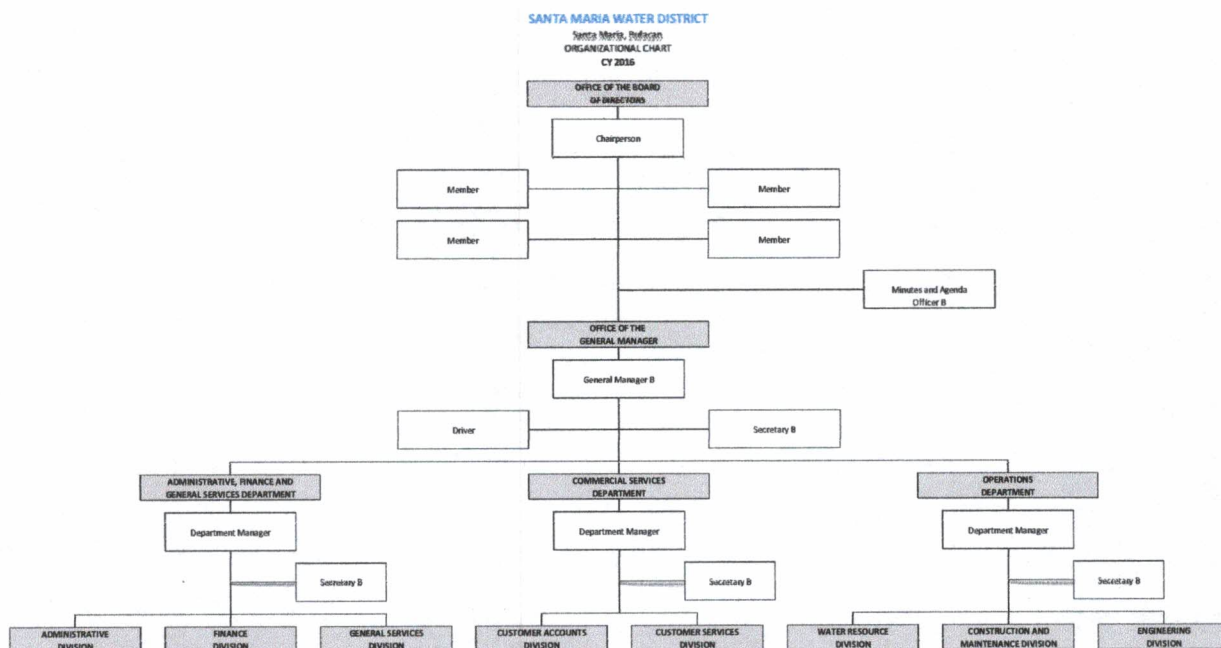
4. SMWD PROFILE

4.1 Organization

The Santa Maria Water District was categorized as Category “B” with the onset of the Revised LWD-MaCRO. The Certificate of Category B WD was issued by the Local Water Utilities Administration (LWUA) last April 2, 2012. The Plantilla of Position was then approved by DBM in July 3, 2014 with 109 career positions.

In the year 2019, SMWD has reached the 30, 000 marked Total Active Service Connections and has complied with the guidelines provided by in the DBM approved Revised Local Water District (LWD) Manual on Categorization, Re-Categorization. Therefore, on August 2019, the Santa Maria Water District with CCC No. 10 was categorized from Category B into “**CATEGORY A WATER DISTRICT**”.

As of December 31, 2020, the SMWD employs 136 personnel: Regular – 80, Casual – 25, Job Order – 31.



A. The Board of Directors is composed of:

NAME	POSITION	SECTOR
Ms. Teodora J. Catiis	Chairman	Business Sector
Ms. Amelia S. de Jesus	Vice-Chairman	Education Sector
Engr. Brian Emerson Hernandez	Secretary	Professional Sector
Ms. Ana Liza C. Ramirez	Member/Auditor	Women Sector
Ms. Carmelita D. Francisco	PRO	Civic-Oriented Sector

B. The Management Team:

Name	Designation	Contact Number
Engr. Carlos N. Santos Jr.	General Manager	09178150521
<i>Admin., Finance and General Services Department:</i>		
Jovita I. Dalmacio	Department Manager, Admin., Finance and General Services	09171131472
Jasmin L. Jose	Industrial Relation Development Assistant	09171393075
Charito S. Fernando	Procurement Analyst	09171388683
Maria Leonora S. Romarate	Division Manager, General Services Division	09171386309
Engr. Edgardo E. Dela Torre	Senior Engineer	09171544645

Analyn A. Gunita	Financial Planning Analyst	09171337121
<i>Commercial Department:</i>		
Mary Diana S. Dela Cruz	Utilities/Customer Accounts Officer	09171387329
Ramon Villamin Jr.	Utilities/Customer Services Assistant	09171394021
<i>Operations Department:</i>		
Engr. Emmanuel Enrico A. de Vera	Department Manager, Operation	09175160733
Engr. Gerson Francisco	Senior Engineer	09171183945
Engr. Mac Daniel Alejandro	Senior Engineer	09171371507

4.2 Existing Facilities

The SMWD derives its water supply from the ground water through twenty-three (23) production wells and bulk supply from Philippine Hydro (Ph), Inc. and Luzon Clean Water Development Corporation.

The SMWD has eight (8) reservoirs with a combined capacity of 3,873 cubic meter.

1. 272 cubic meter reinforced concrete tank at Gulod, Poblacion
2. 111 cubic meter elevated steel tank at Yakal St., Bgy. Sta. Clara
3. 200 cubic meter elevated steel tank at Garden Village, Bgy Pulong Buhangin
4. 90 cubic meter elevated steel tank at Glendale Subdivision, Bgy Sta. Clara
5. 1000 cubic meter glass-fused-to-steel bolted ground reservoir at Sitio Gulod I, Bgy. San Jose Patag
6. 1000 cubic meter glass-fused-to-steel bolted ground reservoir at Sitio Bato, Bgy. Guyong
7. 1000 cubic meter glass-fused-to-steel bolted ground reservoir located at Bgy. Manggahan.
8. 200 cu.m. elevated steel tank located at Sonoma Subd., Bgy. Sta. Cruz

While the total existing distribution pipelines as of December 31, 2020 is at 228,046.70 linear meters in various sizes:

PIPELINES DATA FOR THE YEAR 2020		
300mm. diameter	10,838.00	Linear Meters
250mm. diameter	41.00	Linear Meters
200mm. diameter	8,440.40	Linear Meters
150mm. diameter	82,489.50	Linear Meters
100mm. diameter	51,512.75	Linear Meters
75mm. diameter	46,940.40	Linear Meters
50mm. diameter	27,784.65	Linear Meters
TOTAL	228,046.70	Linear Meters

5. WATER SUPPLY IMPROVEMENT AND OTHER ACCOMPLISHED PROJECTS

The implementation of the Community Quarantine did not prevent the SMWD in continuing the water supply system improvement, the following projects were implemented this 2020:

5.1 Construction of another storage facility.

This is the 1,000 cubic meter Glass-Fused-to-Steel Bolted ground reservoir located at Barangay Manggahan with a top elevation of 36.47 m. Construction was completed on November 2020.

5.2 Pipeline Expansion and Extension Projects

The SMWD only programmed one (1) pipeline expansion and extension projects for this year. We also implemented project that was supposed to be included in the LWUA-ADB Funded Loan as our equity share. Some of the projects that were done in 2019 were restored in 2020. While some will be restored on 2021. The pandemic caused us delays because of limited man-power, limited time of work and with the implementation of health protocols that hinders us to implement the project continuously. These are the following projects with the corresponding details:

- 5.2.1 Brgy. San Jose Patag Side Street Ext. Project (Sitio Gipit)
- 5.2.2 Philhydro Bulk Supply Improvement Project (Section 2)
- 5.2.3 Brgy. Pulong Buhangin Sidestreet Extension Project (P. Guballa Street)
- 5.2.4 Brgy. Pulong Buhangin Sidestreet Extension Project (Camachile Street)
- 5.2.5 Brgy. Pulong Buhangin Sidestreet Extension Project (Landicho Street)
- 5.2.6 Brgy. Buenavista Sidestreet Extension Project (Francisco Street)
- 5.2.7 Brgy. Buenavista Sidestreet Extension Project (Laot Street)
- 5.2.8 Brgy. Buenavista Sidestreet Extension Project (Sitio Libis)

5.3 Replacement of Pump and Motor

We have replaced the pump and motor at Kalsadang Munti, Catmon Pump Station and at Gulod I, San Jose Patag Pump Station for the year 2020. These were due to the continuous decreasing of pump and motor efficiency. Also, there were minimal improvement in the rated capacity of each well.

5.4 Water Treatment

SMWD pump stations are equipped with a hypo-chlorinators to ensure potability of water prior to distribution. Disinfection is carried out by mixing HTH chlorine granules with water at a dosage of 1.5ppm and injecting it to the discharge line of each production source prior to distribution. Also, in Sonoma Pump Station, Brgy. Sta. Cruz, we are using Chlorine Dioxide Liquid to treat the color of the ground water inside Sonoma Subdivision.

In addition to the use of automatic feed pump, we are manually conducting chlorine shock activity using the calcium hypochlorite to eliminate foul odor. We are doing this in our Pulang Lupa Production Well, Brgy. Catmon quarterly; and in our Sonoma Well, Brgy. Sta. Cruz every month

5.5 Additional Water Source

For the past four (4) years, the Santa Maria Water District is not exploring additional ground water supply. Additional water supply is coming from the Bulk Water Suppliers. But unfortunately the due to the continues growth in terms of population, service connection and water supply demand of the Municipality of Santa Maria, the Bulk Water Suppliers cannot cope up in increasing their supply.

The SMWD decided to explore again our ground water source and conducted a public bidding on December 2019 to drill two (2) production wells. Both wells are intended to give additional water supply to augment the shortage of the supply coming from our existing production wells and coming from the Phil Hydro Bulk Water Supply.

- Pump Station No. 5, Sacred Heart Pump Station. The existing Pump House was renovated to improve its functionality and aesthetic.
- Pump Station No. 3 – Celeste PS, Celeste, Guyong. The existing Pump House was abandoned and reconstructed a new Pump House to improve its functionality and aesthetic.
- Sonoma 2 Pump Station – Sonoma Subdivision, Sta. Cruz. Turned over by the New Apec Development Corporation on October 2020.
- Bulk Water Supply from Bocaue Water District

5.6 SMWD New Office Building, 4-storey with Roof Deck

The Santa Maria Water District started the construction of the 4-storey Office Building with Roof Deck. The project was awarded to P.L. Juan Construction Inc., joint venture with New C.C. Barcelona Construction Corp. on May 30, 2019 and the Notice to Proceed was issued on June 6, 2019. The proposed SMWD 4-storey Office Building with Roof Deck is amounting to P 80,695,926.33, and is expected to be completed on the last quarter of 2021.

5.7 Other Projects

The Santa Maria Water awarded the design and installation of 30 HP booster pump at Sitio Bato Pump Station, Sitio Bato, Brgy. Guyong on 2019. The project was completed in June 2020.

Design and installation two (2) more 30 HP Booster Pump at Pump Stations of Bgy Manggahan and San Jose Patag was awarded on the 3rd quarter of 2020.

5.8 Activities to maintain low Non- Revenue Water

5.8.1 Regularly conduct Leak Detection activity at night

5.8.2 Replacement of old, stuck up and inaccurate water meters.

6 2019 OPERATIONAL AND FINANCIAL HIGHLIGHTS

6.1 Organizational Achievements and Updates

The year 2020 is tough year for all, SMWD despite the declaration of Community Quarantine continued its service to the residents of Santa Maria Bulacan. The Water Warriors of SMWD, the Pump Operators, carry on their duties despite the threat of COVID-19. The SMWD suspended its supports services from March 19, 2020 until May 31, 2020. No transactions for billing, collection, finance and all projects were put on hold.

With the declaration of GCQ in June 2020, SMWD get back to its new normal operation. Several memoranda were issued to guide employees of the required health protocols to be implemented within SMWD premises. Every working area were secured with acrylic and plastic barriers to combat the spread of corona virus within the workplace.

Also, SMWD started billing water consumptions and collecting waterbills for the period of enhanced community quarantine.

Last September 2020, SMWD has gone through its first re-certification Audit conducted by TUV Rheinland. Fortunately, even during this pandemic, we have passed the audit with zero non-conformity and maintained our ISO Certification.

SMWD continuously do its hard-work in complying with all the necessary requirements leading to the approval of its 2019 Performance Based Bonus which was given to all its employees last December 2020.

6.2 Existing Water Rates and Number of Connections

Category	Meter Size	Minimum Charge	Number of Billed Service Connections as December 31, 2020
Residential	½"	195.00	30,190
Government	½"	195.00	153
Sub-Commercial C	½"	243.75	3,136
Sub-Commercial B	½"	292.50	1,100
Sub-Commercial A	½"	341.25	945
Commercial A	½"	390.00	916
Bulk/Wholesale			2
TOTAL BILLED CONNECTION			36,441
TOTAL ACTIVE CONNECTION			36,741
TOTAL SERVICES			38,986

6.3 Water Production and Non- Revenue Water

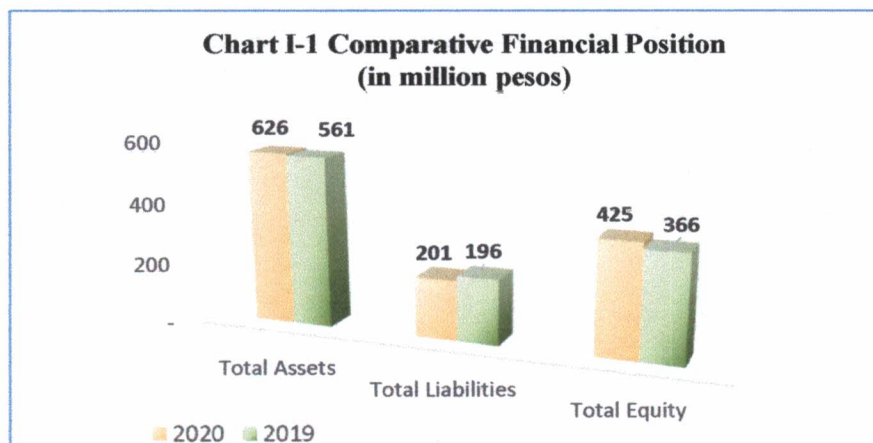
The Santa Maria Water District has produced a total of **11,825,736.50** cubic meters of treated water for the whole year and were distributed to the whole service area coverage. SMWD derives its water supply from twenty-three (23) production wells, four (4) tapping points from Philippine Hydro Inc., and one (1) tapping point from Luzon Clean Water Development Corp. – Bulacan Bulk (LCWDC); with a production of 5,127,303.14 cubic meter from ground water, 6,054,320.66 cubic meter from PhilHydro and 644,112.71 cubic meter from LCWDC. Average water production was 985,478.04 cubic meter per month.

The computed average non-revenue water for 2019 was 12.32%. It consists of leakages, flushing, unauthorized water use and other unbilled uses.

6.4 Financial Highlights

6.4.1. Financial Position

The financial position as of December 31, 2020 indicates the ability of Santa Maria Water District (SMWD) to deliver expected services and benefits to the public and other stakeholders. Total assets of SMWD of P626.21 million in CY 2020 is higher by P65.03 million or 11.59 percent than the CY 2019 total assets of P561.18 million. Total liabilities of P 200.87 million is higher by P5.31 million or 2.72 percent than CY 2019 total liabilities of P195.55 million. Total equity of 425.34 million in CY 2020 is higher by P59.71 million or 16.33 percent than CY 2019 total equity of P365.63 million. Chart I-1 presents the graphical comparison of the financial position of SMWD for CYs 2020 and 2019



6.4.2 Financial Performance

The comprehensive income of SMWDs in CY 2020 amounted to P59.81 million. This was higher by P38.67 million or 182.91 percent from CY 2019 comprehensive income of P21.14 million. Combined income and combined expenses for CY 2020 amounted to P291.75 million and P231.94 million, respectively.

Income – P291.75 million

In CY 2020, total income amounted to P291.75 million, which is P18.99 million or 6.96 percent higher than the CY 2019 total income of P272.75 million.

Expenses – P231.91 million

Total expenses of SMWD for CY 2020 of P231.94 million was a result of a decrease of P19.67 million or 7.82 percent over the CY 2019 expenses of P251.61 million.

Cash Flows

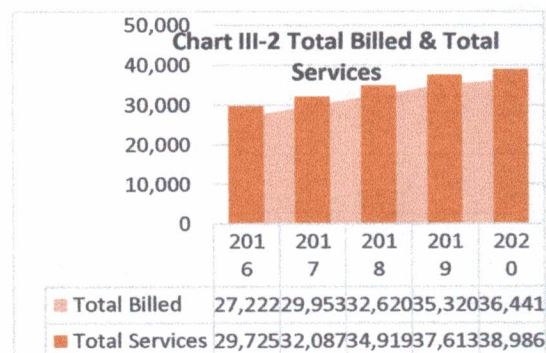
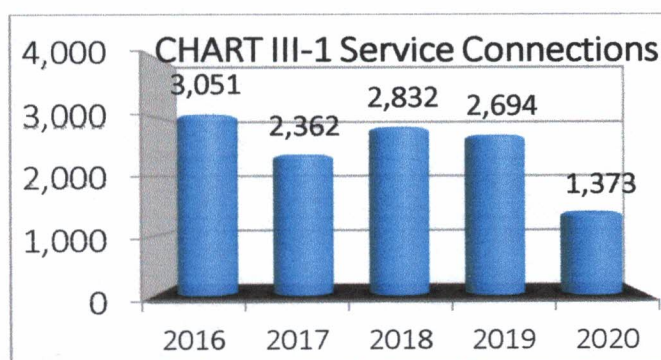
The ending balance of Cash and Cash Equivalents as of December 31, 2020 amounting to P92.34 million increased by P7.4 million or 8.71 percent compared to the CY 2019 balance of P84.94 million.

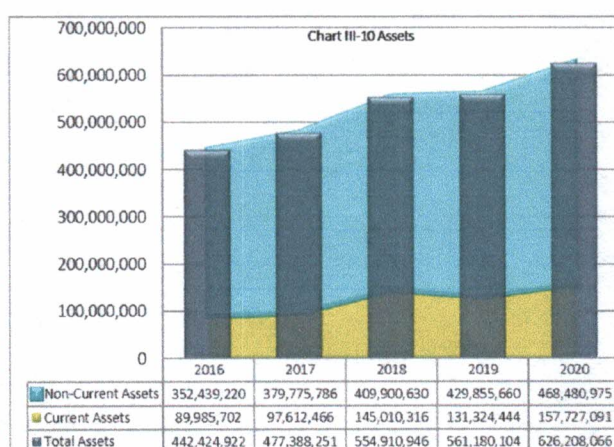
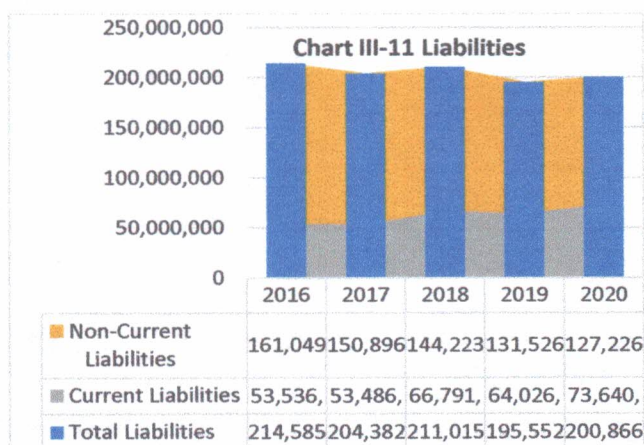
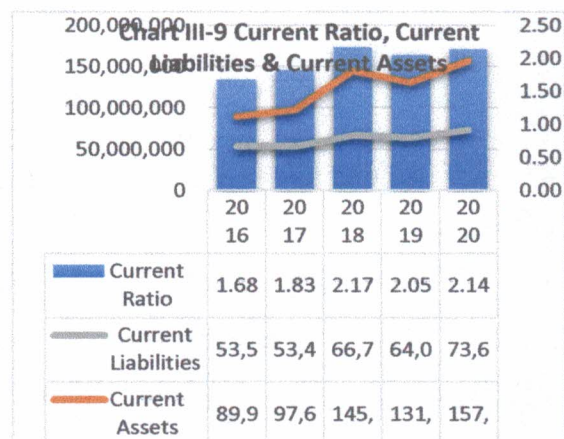
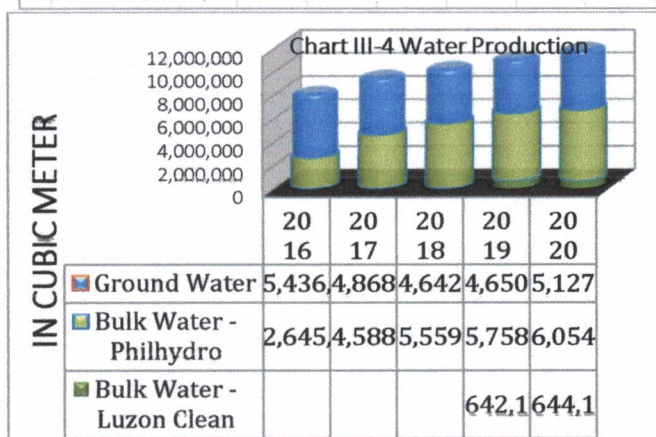
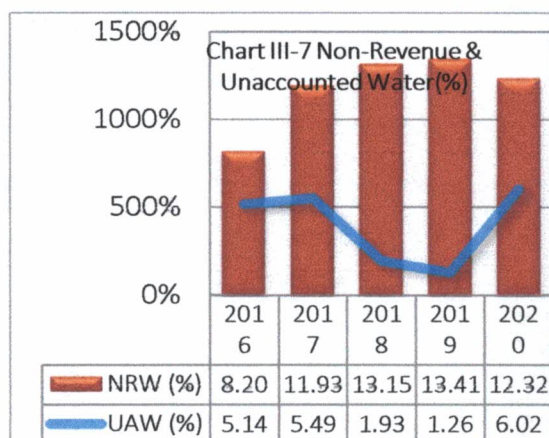
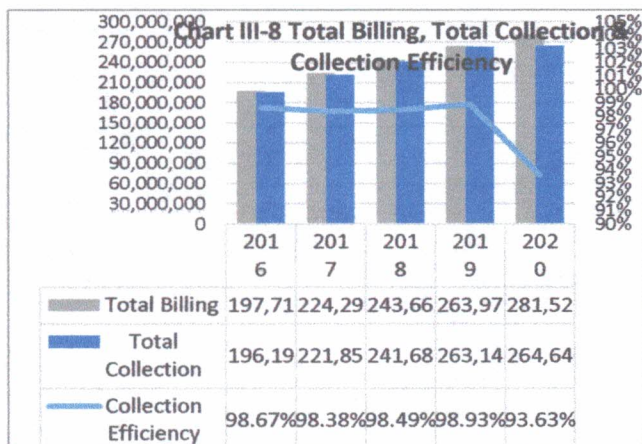
Two-Year Ratio Analysis

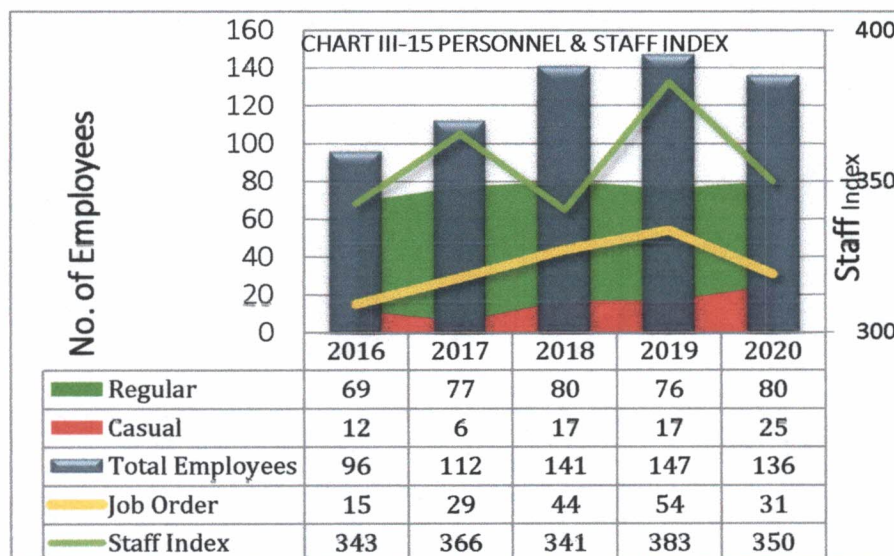
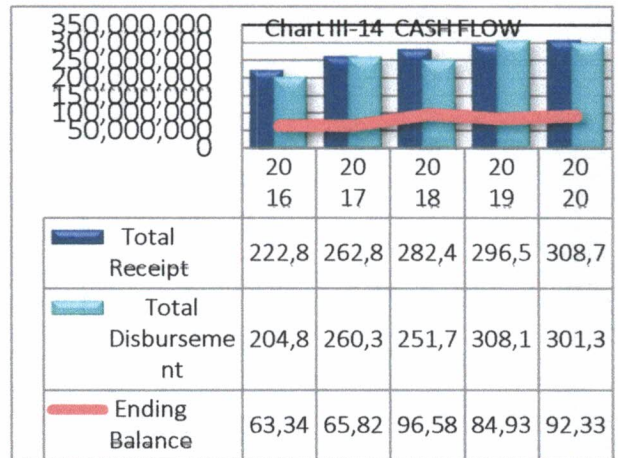
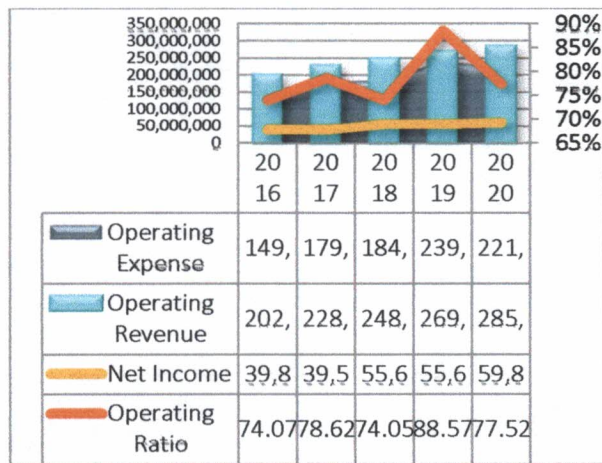
Table II-8 Two-Year Ratio Analysis
(in thousand pesos)

Particulars	2020	2019	% Variance
Liquidity Ratios			
Current Ratio	2.14 0	2.05	4.42%
Quick Ratio	1.54 2	1.41	9.47%
Accounts Receivables to Working Capital	0.17 0	0.06	181.10%
Inventory to Working Capital	0.32 0	0.35	(8.13%)
Sales to Working Capital	3.32 3	3.84	(13.50%)
Activity Ratios			
Accounts Receivable Turnover	20.11	65.36	(69.23%)
Days Sales in Receivables	18.15	5.58	224.96%
Profitability Ratios			
Net Income Ratio (%)	20.93%	7.83%	167.21%
Interest Expense/ Operating Revenue (%)	3.64%	4.64%	(21.52%)
Debt Service Ratio	3.48	1.66	109.39%
Operating Ratio	0.78	0.89	(12.49%)
Return on Asset (%)	2962.03%	2654.44%	11.59%
Return on Equity (%)	1729.46%	1626.66%	6.32%
Coverage Ratios			
Debt to Total Assets	0.32	0.35	(7.95%)
Debt to Equity	0.47	0.53	(11.70%)

6.4.3 Five-Year Financial and Operational Highlights







7 SMWD ACTIVITIES

- 7.1 The yearly activities of SMWD such as Inter-color Bowling Tournament, Proper Waste Segregation Program, SMWD Anniversary, Christmas/Year-End Party and activities conducted by other agencies such as Celebration of World Water Day and BAWD Activities were postponed due to COVID-19 Pandemic.

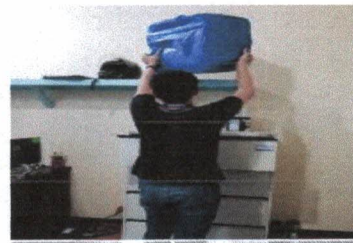
Instead, the Santa Maria Water District (SMWD) conducted different information drive and activities to calm its employees amid threats of the dreaded Corona Virus Disease 2019 (COVID-19).

On March 13, representatives from Department of Health (DOH) – Santa Maria, conducted simultaneous orientations on COVID-19 at the SMWD main and Farmacia Emilia offices.

The DOH personnel informed the employees on the must-know things about the disease – it's symptoms, ways of transmission, prevention, and proper actions in case symptoms are experienced



Before the close of office hours on the same day, employees also observed the 5S (Sort, Set in order, Shine, Standardize, and Sustain), to ensure that their workplace remains clean and orderly.

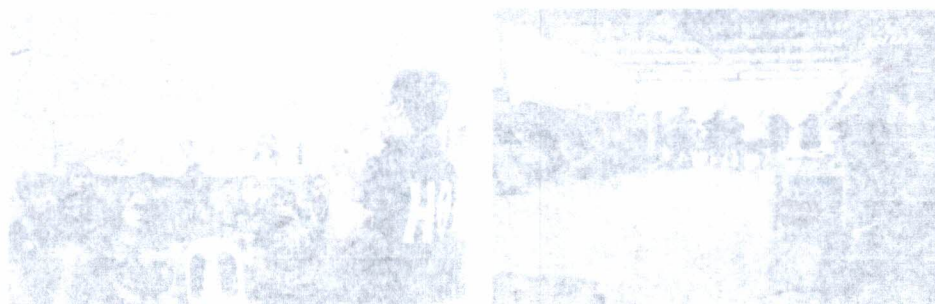


In addition, selected personnel conducted regular office disinfection in order to maintain a COVID-19-free office for the safety of employees and concessionaires.



On March 13, representatives from Department of Health (DOH) - Santa Maria conducted an official consultation with the SAHA team and the Santa Maria Office.

The DOH personnel informed the employees on the most-likely things about the disease. The symptoms, way of transmission, prevention and proper actions to take symptoms and expect, need.



Before the start of the meeting, the employees also received the 5P sheet. Set in order (Place, Standards, and Systems) to ensure that their workplace remains clean and healthy.



In addition, selected personnel conducted regular office disinfection in order to maintain COVID-19-free office for the safety of employees and contractors.



On August 27-28, 2020, the DOH representatives visited again the SMWD Office to conduct a Post-COVID-19 Recovery awareness to SMWD employees to overcome the stigma and become fully mindful of the mental and emotional health in the workplace and help to response to the ongoing impact of COVID-19.



Meanwhile, On October 16, 2020, the SMWD scheduled the flu vaccine to its employee in lieu of their medical package for this year.



Aside from the activities mentioned, SMWD has also started implementing safety precautions like washing of hands, use of thermal scanner and alcohol for all personnel and concessionaires before entering SMWD offices; wearing of face mask and face shield at all times; and the installation of acrylic barriers in every working station to ensure optimum physical distancing amongst co-workers and concessionaires.

7.2 Sacred Heart Academy Activities

The SHA on their 57th year, invited the Santa Maria Water District to attend the SHAPE (Sacred Heart Academy Partners in Excellence) Appreciation day on February 12, 2020 at SHA Sports and Cultural Event Center to recognized the support as one of their stakeholders on providing service through quality education.



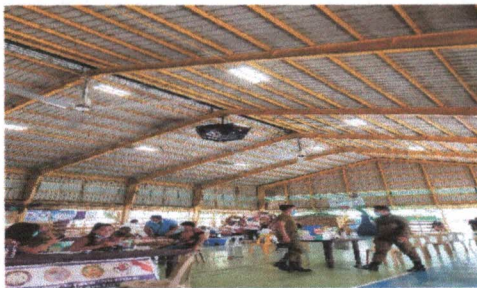
The Sacred Heart Academy Alumni Association, Inc. Medical mission group '88 in partnership with the Philippine Red Cross conducted Blood Letting Activity with theme, “Dugo Mo Buhay Ko”.

The Santa Maria Water District (SMWD) employees were delighted that they were able to join the activity twice for the year 2020 and donate blood to give support for the people who are in need for their health. It is just simple things that we could offer to give happiness in saving human lives. The SMWD will continue supporting their mission.

7.3 At Sacred Heart Academy 21st Blood Letting Activity February 02, 2020



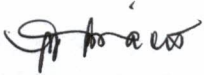
22nd Blood Letting Activity
July 26, 2020
Municipal Gymnasium



7.4. Loyalty Awards

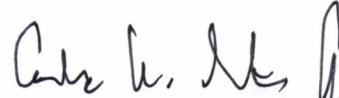
An employee who reaches a milestone of ten (10) years and every five (5) years thereafter of public service are being recognized every year. Being able to dedicate their years on SMWD are truly admirable. This year, there are seven (7) employees who were awarded and received plaque of appreciation for the years of loyal, dedicated and committed service to the agency. A video presentation of their journey in SMWD were also played. The awarding happened December 12, 2020 at Santa Maria Water District Office (Farmacia Emilia) and led by Mrs. Carmelita T. Francisco (Chairperson of Board of the Director) and Engr. Carlos N. Santos Jr. (General Manager)

Submitted by:



JOVITA I. DALMACIO

*Department Manager, Admin., Finance and
General Services*



ENGR. CARLOS N. SANTOS JR.

General Manager