

Daluyan

The official news channel of  **LAGUNA WATER**
A MANILA WATER
PHILIPPINE VENTURES COMPANY

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CATALYST: Initiating the Ripples of Change in Society

Laguna Water launches the TSEK ng Bayan program to increase people's awareness about sanitation

Making Sanitation Available for All

Laguna Water provides different solutions to ensure everyone's access to proper sanitation

Connecting Homes to a Reliable Source of Water

Laguna Water, Water.org, and WaterLinks Target to Connect 1,500 Low-income Families to a Safe and Clean Source of water



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MESSAGE FROM LAGUNA WATER

To our valued stakeholders,

Coping with the society's rapid development and the increasing demand for clean water, Laguna Water continues to initiate and embrace change, and find solutions to further improve its water and wastewater services.

Last year, we have focused on projects that increased and enhanced access of Lagunenses to safe and clean water. These include the launch of the WaterConnect program that allows low-income families to connect to the water supply network of Laguna Water, and the installation of the bridge crossing that connects communities in Santa Rosa to Laguna Well Field.

With our commitment to provide wastewater services in Laguna, we have launched activities that aim to increase public awareness about the importance of wastewater treatment in achieving adequate sanitation. We want people to be well-informed about the need for proper sanitation and how one can achieve it. This initiative can contribute in breaking social norms which can result to the community's changed behavior towards sanitation.

This issue of Daluyan centers on the theme, "Catalyst: Initiating the Ripples of Change in Society." Highlighting how Laguna Water initiates and brings change to the lives of Lagunenses, this features our plans and programs to address different concerns on water and sanitation.

As partners for development, let us continue to bring change to society.

Virgilio C. Rivera, Jr.
President

ABOUT THE COVER



Photo shows Laguna Water Used Water Operations Manager Rheena Paola Go - Peñaranda and Facility Manager Harriette Berdan discussing the plans for the upgrade of the Wastewater Treatment Plant of Laguna Technopark (LTI).

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Making Sanitation Available for All

Laguna Water provides different solutions to ensure everyone's access to proper sanitation

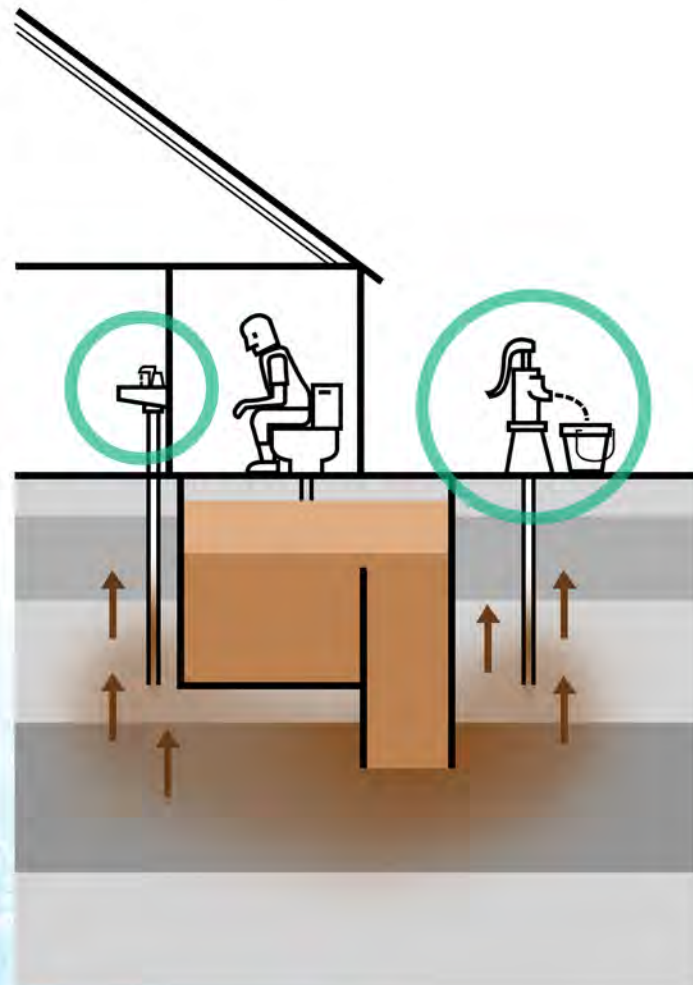
Water is an essential element for a healthy human life. Many think it is an abundant resource since 70% of the world is made up of water. However, fresh water — water that can be used for drinking, bathing, irrigation, and other human activities—only makes up three percent of the Earth's water resources. Two percent of which are frozen in glaciers, ice and snow, and the one percent left is the only water accessible for human consumption.

An important natural resource, water is continuously becoming scarcer as time passes by due to the rising population and irresponsible use and management. Naturally, as the global demand for water continues to grow, the amount of wastewater produced also increases.

One sad reality is that wastewater has been neglected for years. In spite of that, people are starting to realize the need to treat the water that they have used considering the apparent degradation and contamination of water resources; with direct implications to the socio-economic development of communities. A critical component of water management cycle, wastewater treatment has also been identified as a needed element for adequate sanitation.

Access to adequate sanitation is not a privilege but a human right. In the Philippines, most households get their water from groundwater sources. However, with an improperly designed septic tank, wastewater from households can directly contaminate the groundwater source. This poses serious threats to health and well-being of communities, most especially to children.

To make proper sanitation available, accessible, and affordable to all Lagunenses, Laguna Water proposes three waste water management options, namely: Sewage Management; Desludging Service; and Portable Toilet Solution. These will prevent people from having contact with the dangers of untreated wastewater.



The photo shows an improperly designed septic tank, which may lead to the contamination of drinking water.



Wastewater

used water produced from bathing, washing the dishes, using the toilet and other human activities

ONLY 10% of wastewater is treated in the Philippines

(Asian Development Bank, 2012)



Sewage Management

Sewered systems are best offered to industrial parks, central business districts, and high-end gated communities, where laying of sewer pipes is more feasible. Through sewer networks, the wastewater directly flows to the Sewage Treatment Plant (STP) where it undergoes a cleaning process.

Currently, Laguna Water is managing the sewerage system of Laguna Technopark, Inc. (LTI), where it treats an average of 4.2 million liters of wastewater per day. The domestic wastewater of industrial plants, which mostly produce electronic parts, semiconductors, motor components and metal products, is conveyed through sewer pipelines to the treatment facility. A biological treatment technology that utilizes aerobic bacteria to degrade the organics in the wastewater is applied in the STP prior to being discharged to the Sta. Rosa River.



80% of consumed water becomes wastewater

Desludging Service

Desludging is suited to open communities and subdivisions. A desludging truck periodically siphons two-thirds of the contents of the septic tank of each household in the area. The collected waste, known as septage, then undergoes treatment at the Septage Treatment Plant (SpTP).

To facilitate this service, Laguna Water upgraded its centralized domestic wastewater treatment plant in LTI to incorporate the septic sludge treatment for the desludging service. Stone collection, screening, and oil and grease removal were installed as pre-treatment into the facility to ensure that the solid wastes and scum present are added to extract the filtrate from the biosolids prior disposal as organic fertilizer. The filtrate separated from the dewatering unit then goes through the existing sewerage treatment facility for further biological treatment to meet the required effluent quality standards prior discharge. Currently, the full plant capacity of the SpTP is at 70 cubic meters per day.



This is the design for Laguna Water's Upgraded Wastewater Treatment Plant, which will include a fully-mechanized septage treatment facility.

Portable Toilet Solution

To address open defecation, Laguna Water is currently studying the feasibility of employing portable toilets to toilet-less households and installing a common acceptance station in the area where customers could transfer their toilets' contents. A desludging truck will regularly collect and transport the accumulated septage to the SpTP to ensure that the waste will undergo proper treatment prior to discharge.

The success of realizing the benefits of Laguna Water's sanitation solutions will depend on the full support and cooperation of every member of the community. Ensuring access to adequate sanitation provides a healthier and sustainable ecosystem for all. After all, more than a right, sanitation is everybody's responsibility.

CATALYST: Initiating the Ripples of Change in Society

Laguna Water launches *TSEK ng Bayan* program to increase people's awareness about sanitation



“Sanitation is a right, but more importantly it is our responsibility.”

-Rheena Paola Go - Peñaranda

Used Water Operations Manager

Denying access to proper sanitation is denying access to basic human right.

Sanitation is a fundamental element in achieving good health and well-being and environmental sustainability. It is a human right; it allows people to enjoy a livable environment that provides opportunities for continued growth and development. But more than a right, it is a responsibility of everyone to make sanitation available to all.

Despite its importance and the many benefits it brings to society, the World Health Organization/United Nations Children's Fund (UNICEF) Joint Monitoring Programme reported that the global challenge to halve the proportion of people without access to sustainable sanitation between 1990 and 2015 was not achieved. Thus, access to improved sanitation facilities remains to be a challenge to about 2.4 billion people.

In the Philippines, sanitation has been given little social and political attention. According to UNICEF, there are more than 30 million Filipinos that do not have proper sanitary facilities where 7.8 million do not have toilets, resorting to open defecation.

More than just having toilet

Defined by the Asian Development Bank as the hygienic measures of disposing human wastes in ways that do not harm the environment and general public health, sanitation should be viewed not just as the availability of toilet facilities and the practice of good hygiene. Rather, it should include the proper disposal and treatment of the wastewater, which is the waste produced from various human activities such as using the toilet, taking a bath, and washing of dishes and clothes.



2.4 BILLION PEOPLE HAVE NO ACCESS TO IMPROVED SANITATION

7.8 MILLION FILIPINOS HAVE NO TOILET FACILITIES



Improving access to adequate sanitation is one of the indicators in achieving sustainable development by 2030. As stated in the Sustainable Development Goal No. 6, the target is to end open defecation and to decrease the proportion of untreated wastewater.

With this, everyone is expected to do their own share in ensuring that the wastewater is treated before it is discarded to the environment.



Laguna Water employees pose with the attendees of the launch of the company's campaign on sanitation, TSEK ng Bayan.

Raising awareness on the importance of sanitation

One of the identified gaps in achieving sustainable sanitation is the lack of knowledge about it and its importance to society.

To address the lack of public awareness on the need for adequate sanitation, Laguna Water launched an information, education, and communication campaign entitled *Tamang Sanitasyon Equals Kalinisan, Kalusugan, at Kaunlaran ng Bayan (TSEK ng Bayan)* in February 2017.

TSEK ng Bayan underlines the detrimental impacts of untreated wastewater to human health, natural resources, water quality, and economic productivity. Prior to launching the campaign, Laguna Water conducted a survey, where it found out that many Lagunenses are not aware of the concept of wastewater and the need to treat it before it is discharged to the environment.

More than 200 people from the cities of Biñan, Santa Rosa, and Cabuyao attended the launch of *TSEK ng Bayan* program at Max's Restaurant, Balibago Complex, Santa Rosa, Laguna.

Experts in the fields of microbiology and environmental science were invited to share their knowledge about wastewater and its impacts to society.

Dr. Noel G. Sabino, *Assistant Professor VII* from the *Institute of Biological Science, University of the Philippines Los Baños (UPLB)* presented how improper management of septic tanks can lead to the contamination of drinking water. While Dr. Marissa J. Sobremisana, *University Extension Specialist II* from the *School of Environmental Science and Management, UPLB*, discussed the effects of wastewater to the natural bodies of water, particularly to Laguna Lake.

The launch of the sanitation campaign also served as an avenue to consult the public about Laguna Water's desludging service. Rheena Paola Go - Peñaranda, Laguna Water's *Used Water Operations Manager*, shared how the service will be made available to all communities, even to those belonging to the Base of the Pyramid.

To better understand the entire water management cycle, Laguna Water presented a video of its water and wastewater trail. The video presented the processes that water undergoes—how water is extracted from the source and distributed to the customers and what happens to water after its use and before it is discharged to a natural body of water.



Attendees of the *TSEK ng Bayan* learn about the importance of sanitation, particularly the need for wastewater treatment.



Encouraging more people to advocate sanitation

Reinforcing the need for improved sanitation focusing on the availability of toilet facilities, practice of good hygiene, regular desludging of septic tanks, and connection to a sewer network, Laguna Water brings its *TSEK ng Bayan* campaign to different areas in the Province of Laguna.

Aside from the discussion on sanitation, Laguna Water also includes its *Toka Toka* program as part of the campaign. In *Toka Toka*, the company presents four acts that people can do to help protect the environment including regular desludging of septic tanks, connecting to a sewer network, segregating of garbage, and informing others about the different ways to ensure sustainability of natural resources.

Since March 2017, Laguna Water has already conducted its *TSEK ng Bayan* program to the following cities and municipalities: Santa Rosa City, San Pablo City, Pangil, Mabitac, Pagsanjan, Victoria, Cavinti, San Pablo, and Liliw. To date, more than 1,000 Lagunenses have already been informed about the importance of having access to proper sanitation.



Laguna Water goes to different parts of the Province to inform people about sanitation and its importance to health, environment, and economy.

With the help of the Department of the Interior and Local Government, Laguna Water has also presented its *TSEK ng Bayan* program to local government officials and representatives during the workshop on Drafting of Septage Ordinance for the Local Government Units of Cavite, Laguna, and Rizal last April. The company was also invited to hold the same campaign for the barangay officials of the cities of San Pedro, Binan, Santa Rosa, Cabuyao, Calamba, and San Pablo during Septage Orientation for Barangay Officials in Laguna in September.

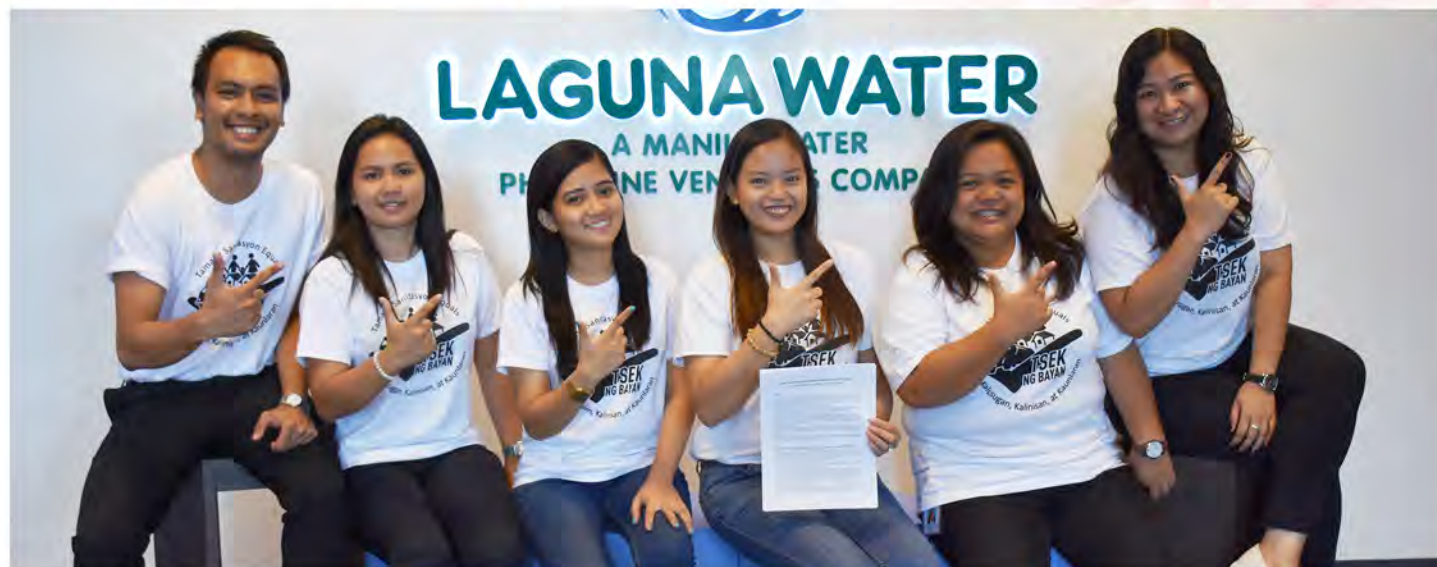
Through *TSEK ng Bayan*, Laguna Water initiates a valuable change in people's perspective about sanitation, thus, helping people understand their role in making sanitation sustainable and available to all.

TOKA TOKA'S FOUR-OWNABLE ACTS

-  Segregate Garbage
-  Desludge septic tanks
-  Connect to Laguna Water's sewer line
-  Educate your community through Information Drives

Providing Solutions for Sustainable Sanitation

Laguna Water makes it in the Top 10 in Global Competition for Sustainable Development



Laguna Water's TEAM SAVE members (left to right): Communications and Branding Specialist Dustin Ibanez; Used Water Facility Manager Harriette Berdan; Key Accounts Manager Havenlyne Garcia; Used Water Operations Manager Rheena Paola Go-Peñaranda; Territory Manager Glenn Ermita; and Used Water Facility Manager Nariyah Marie Ilagan.

Bringing pride to the Philippines, Laguna Water's "Portable Toilet Solution (PTS): Sustainable Sanitation for the Base of the Pyramid" has made it to the top 10 and was selected as a runner-up in the 2017 Ideas for Action, a global youth competition on innovative ideas for financing and implementing United Nation's Sustainable Development Goals (SDGs), organized by the World Bank Group and the Zicklin Center for Business Ethics Research at the Wharton School.

Besting almost 2000 teams from 125 countries, Laguna Water's TEAM SAVE (Sanitation Availability for Various Economies), composed of Used Water Operations Manager Rheena Paola Go-Peñaranda; Used Water Facility Managers Nariyah Marie Ilagan and Harriette Berdan; Territory Manager Glenn Ermita; Key Accounts Manager Havenlyne Garcia and Communications and Branding Specialist Dustin Ibañez, delivered an outstanding proposal on how adequate sanitation will be made available to all, most especially to families with low financial capacity.

"Sanitation remains to be a challenge to millions of Filipinos. Many do not have toilet facilities, thus resorting to open defecation. Furthermore, a lot of households do not practice proper treatment of wastewater. These lead to various health and environmental problems and economic losses," said Rheena Peñaranda.

Guided and mentored by the originator of the PTS, Laguna Water President Virgilio Rivera, Jr., the proposed solution aims to help Filipinos gain access to proper sanitation. The main idea is to provide low-income communities with PTS anchored on a Utility Business Model with two levels of cross-subsidy; (1) between water supply and sanitation services and; (2) across customer classes, to make it available and affordable for all.

Judged by a panel consisting of senior World Bank, Wharton, and private sector executives from the Philippines' PTS idea, together with this year's best proposals, will be published in the 2017 Ideas for Action book.

Geared towards the realization of sustainable sanitation for all, Laguna Water has already started its study on the Portable Toilet Solution. Additionally, the company is set to provide desludging service to the entire Province of Laguna, hence, its sewage treatment plant has been upgraded to include a fully-mechanized septage treatment facility.

Ideas for Action is an annual competition that encourages the youth to contribute in the achievement of SDGs, and provides students and young professionals from around the globe opportunity to design financing solutions that will help shape the international development agenda.

Bringing Sanitation Closer to Low Income Families

Laguna Water receives over P30-M grant from Canada for its Portable Toilet Solution Project



As part of the grant given by Grand Challenges Canada, Laguna Water conducted a Sanitation Summit for residents of low-income communities in Santa Rosa, Laguna.

Laguna Water's Portable Toilet Solution (PTS), a project dedicated to address the lack of proper sanitation services and facilities in low-income populations, was recently announced as a recipient of a P30 million funding for being chosen as one of the five projects under "Urban Sanitation Challenge" of the Water Engine Innovation, a pioneering partnership between Australian Aid, Grand Challenges Canada, and the Global Innovation Fund.

The PTS project offers to resolve the insufficient access to proper sanitation, a challenge experienced by millions of Filipinos belonging to the base of the pyramid. Many families across the country who do not have toilet facilities in their own homes are forced to resort to open defecation. This practice often leads to various diseases and health problems, and even dire environmental consequences.

Laguna Water sees to promote availability and affordability of sanitation services and facilities,

and sustainability of the program by encouraging support from public private partnership and community involvement.

To date, the water company has already started the study and testing of two PTS designs from LIXIL Japan and Loowatt United Kingdom. This lays the initial work to determine an affordable technology and portable toilet design that is most suited for the targeted Filipino community recipients.

With the support from Grand Challenges Canada, Laguna Water will pilot this project to 30 families in Laguna with no toilet facilities, and plans to expand it and cater at least 30,000 households.

Grand Challenges Canada, funded by the Government of Canada and other organizations, provides financial support to innovators in low- and middle-income countries and Canada. To date, it has supported more than 800 innovations in more than 80 countries which have the potential to save up to 1 million lives and improve up to 28 million lives by 2030.

INFLOW OUTFLOW

WHAT'S HAPPENING IN AND OUT OF LAGUNA WATER

EMPOWERING PEOPLE
PROTECTING THE ENVIRONMENT
ENHANCING SUSTAINABLE DEVELOPMENT



Contributing to sustainable development.

Laguna Water participated in the Department of the Interior and Local Government's Provincial Alliance Building, which aims to create a network of organizations that will work together for the development of each province in CALABARZON.



Exhibiting Excellence in Public Relations.

Laguna Water receives two Silver Anvil Awards for the company's communication tools, Laguna Water Story Video and the Inauguration of Laguna Well Field.



Upholding Environmental Protection.

For four years in a row, Laguna Water received a Green Award from the City of Santa Rosa in recognition for the company's support to the City's environmental initiatives.



Strengthening Team Spirit.

Laguna Water held its annual team building activity in Laiya Batangas. Highlighted in the activity were the company's core values.



Celebrating Fire Prevention Month.

In celebration of the Fire Prevention Month, Laguna Water turned over a fire hydrant key to the officials of Barangay Labas, Santa Rosa, Laguna. Present during the turnover were Santa Rosa City Mayor Danilo Fernandez and Vice Mayor Arnold Arcillas.



Raising Environmental Awareness and Responsiveness

Laguna Water participated in the City of Sta. Rosa's SILAKBO, an annual fundraising activity for the Save Silang-Santa Rosa River Foundation, Inc. (S3R2), a non-profit organization that aims to protect and rehabilitate the Sta. Rosa Watershed.



Empowering Communities.

To help families of Barangay Langkiwa in Biñan manage their finances properly, Laguna Water conducted a financial seminar entitled Kaalamang Pang-Pinansyal. With the positive feedback to the program, Laguna Water will be bringing it to other communities in its service area.



Fulfilling Commitments.

Committed to bring excellent water services to its customers, Laguna Water has installed a bridge crossing that connects areas in Santa Rosa to the piped system of the company's biggest groundwater facility— Laguna Well Field.



Sharing Wastewater Advocacy.

The Department of the Interior and Local Government invited Laguna Water to share its TSEK ng Bayan program during the Septage Ordinance Workshop for the local governments of Cavite, Rizal, and Laguna. Included in the presentation were the different services of the company in relation to wastewater.



Celebrating 8 Years of Existence.

Stakeholder Relations Manager Ana Martir shares her Laguna Water Story during the company's 8th anniversary celebration last September. The company promises to be a partner in the continuous development of the Province, through the provision of water and wastewater services.

LAGUNA WATER LABORATORY SERVICES

- ✓ Physical Analysis
- ✓ Chemical Analysis
- ✓ Microbiological Analysis
- ✓ Radiological Analysis

Laguna Water Laboratory Services, equipped with state of the art facilities, equipment, and methodologies, is an accredited partner of the Department of Health for testing and analysis of Drinking Water.



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Ensuring Safety and Cleanliness of Drinking Water

Laguna Water becomes the first and only private institution
for Radiological Analysis of Drinking Water



Dianne Dasmariñas, Laguna Water Laboratory Analyst, demonstrates how to load sample for Alpha-Beta Radioactivity Determination equipment.

Laguna Water announced that its Laboratory Services is the first and only private institution to offer Radiological Analysis for Drinking Water, after receiving its Radioactive Material License for Liquid Scintillation Counter and accompanying radioisotopes from the Philippine Nuclear Research Institute.

Radiological Analysis is one of the primary parameters under the 2017 Philippine National Standards for Drinking Water. It monitors radioactivity in drinking water, thus, protecting the public from unwarranted exposure to radiation.

According to Laguna Water Laboratory Services Manager Cyril A. Erica, the granting of Radioactive Material License is a significant milestone not only for the company but for the water industry. This license authorizes Laguna Water to acquire, receive, possess, own, and use radioactive materials necessary for Radiological Analysis.

“Currently, we are undergoing trainings to build-up our competencies in conducting Radiological Analysis. Starting next year, we will start to offer this service to Manila Water subsidiaries and other companies that are in need of the said test.”

Established in 2010, Laguna Water Laboratory Services ensures that the water supplied to Laguna Water customers conforms to the national and international standards and regulations of water quality, for drinking and environmental purposes.

A Department of Health-accredited partner for water testing and analysis, Laguna Water Laboratory Services has consistently received excellent rating for its Proficiency Testing from the National Reference Laboratory- East Avenue, a Philippines' reference laboratory for environmental, occupational health, toxicology and micronutrient assay.

Laguna Water Laboratory Services will start offering Radiological Analysis for Drinking Water in January 2018.

LAGUNA WATER BY THE NUMBERS



CONCESSION AGREEMENT

2009

Laguna Water took over the water operations in the cities of Binan, Santa Rosa, and Cabuyao



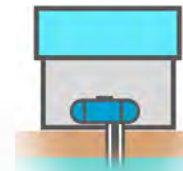
2015

Laguna Water's concession agreement with the Provincial Government was amended giving the company authority to offer water and wastewater services in the entire Province

WATER SOURCES



Matang Tubig Spring



Deepwells



Laguna Wellfield

Laguna Well Field is one of the largest ground water facilities in the Philippines. It can supply up to 100 million liters of water per day.

MILESTONES

118,000++

From more than 17,000 customers, the company has grown its service connections to more than 118,000 at present

1,002 km
Total pipelines managed by the company

WATER SERVICE

100%

Compliant to the Department of Health's Philippine National Standards for Drinking Water



17%

Non-revenue Water

120 MLD

Average water supplied to its customers

24/7

Water availability and customer service

WASTEWATER

1 Wastewater Treatment Facility

Laguna Water manages the wastewater treatment plant of Laguna Technopark. Currently, it has been upgraded to include a septage treatment facility.



6 International and Local Recognition

- 1** World Bank Recognition for PPP Stories
- 5** Anvil Awards for public relations

1 Million Safe Man Hours was achieved in August 2017

Connecting Homes to a Reliable Source of Water

Laguna Water, Water.org, and WaterLinks Target to Connect 1,500 Low-income Families to a Safe and Clean Source of Water



Laguna Water, Water.org, and WaterLinks pool their resources together to provide low-income families access to safe and clean water source.

Manila Water Philippine Ventures, Water.org, and WaterLinks pool their resources together to connect at least 1,500 low-income families to the piped water system of Laguna Water.

The joint project dubbed as Water Connect, which is currently being implemented in Laguna, aims to support Filipino families who do not have enough means to gain access to reliable water source. The project, which seeks to provide access to clean water supply, will not only ensure good health and safety but will also promote community-organizing as well as provide technical advice and financial services to targeted marginalized communities.

Spearheading this project are three experts in the water industry namely: Manila Water Philippine Ventures, Water.org, and WaterLinks.

Manila Water Philippine Ventures is a wholly owned subsidiary of Ayala-led Manila Water whose mission is to provide the water supply and wastewater management requirements of geographies outside Metro Manila. Meanwhile, Water.org is an international non-profit organization that has positively transformed more than five million lives around the world through the provision of access to safe water and sanitation. WaterLinks is a fully independent, non-profit organization that facilitates water operator partnerships in the Asia-Pacific region and catalyzes efficiency improvements to enhance and expand access to urban water and sanitation services. Microfinance institutions will also be tapped to provide further assistance to families who would want to be part of this initiative.

To date, more than of 350 households has been connected to Laguna Water's network with the help of the WaterConnect project. With the positive response of Lagunenses, the WaterConnect team eyes to reach more communities in Laguna and to bring the project to other provinces in the country.



Laguna Water, the largest water and used water services provider in the Province of Laguna, is a successful public-private partnership between the Provincial Government of Laguna and Manila Water Philippine Ventures, a Manila Water subsidiary.

Through Laguna Water, Lagunenses are given access to safe, clean, and uninterrupted water supply. This year, the Company will also be offering desludging services to the entire Province, which will facilitate the treatment of used water from communities prior to discharging it in a body of water.

Empowering People

Protecting the Environment

Enhancing Sustainable Development



BE PART OF THE LAGUNA WATER FAMILY

VISIT

www.lagunawater.com.ph

Celebrating 8 Years of Excellence

12 Laguna Water talents receive recognition for their outstanding performance



The recipients of the President's Pride Due to Performance together with Manila Water President and CEO Ferdinand M. Dela Cruz (1st from right); Laguna Water President Virgilio C. Rivera, Jr. (1st from left); and Manila Water Corporate Human Resources Group Director Janine T. Carreon (2nd from left)

Laguna Water recognized 12 employees as this year's *Huwarang Manggagawa (HM)* and President's Pride due to Performance (P3) awardees for their consistent excellent performance, admirable work ethics and values during the Company's 8th Anniversary Celebration held last September at The Monochrome Events Center in Nuvali, Santa Rosa City, Laguna.

Desiring to provide quality services to its growing number of customers, Laguna Water employees share this passion and commitment to excellence and have proven knowledge and expertise in activities related to water and wastewater operations.

To acknowledge the accomplishments and contributions of its talents, Laguna Water established this Employee Recognition Program in 2010. Covering all levels in the corporate hierarchy, the award is given to those who have deeply imbibed the Company's core values in their work and have shown outstanding functional skills which have contributed to Laguna Water's growth and expansion.



Laguna Water Finance Head Rolando D. Sumallo Jr. congratulates the company and its employees for 8 years of continuously improving lives of people through excellent water service.



Laguna Water President Virgilio C. Rivera, Jr. delivers a heartwarming message during the company's 8th anniversary celebration.

Huwarang Manggagawa is awarded to the rank and file employees while the President's Pride due to Performance is conferred to those in managerial positions.

Recipients of this year's Huwarang Manggagawa were Abel S. Baron, *Billing Assistant*; and Jonathan F. Poquiz, *Used Water Facility Operator*. Further, the following talents received the President's Pride Due to Performance: Jeany L. Barcela, *Procurement, Logistics, and Contracts Manager*; Bernard L. Driza, *Financial Modeler*; Maria Janet G. Clemente, *Business Zone Manager*; Michelle D. Catindig, *Territory Manager*; Havenlynne F. Garcia, *Key Accounts Manager*; Bengeber M. Sison, *Field Specialist*; Cyril A. Erica, *Laboratory Services Manager*; Danilo G. Barundia, *Water Facility Manager*; Nariyah Marie B. Ilagan, *Used Water Facility Manager*; and Angelie C. Miranda, *Planning and Design Manager*.

Since 2010, honors have been given to 61 Huwarang Manggagawa and 40 President's Pride Due Performance awardees.

Attributing its continued growth and success to the efforts of its talents, Laguna Water esteems its people and considers them as the most important asset of the company.



It is a night of glitz and shimmer as Laguna Water celebrates its 8th Anniversary at The Monochrome Events Center in Nuvali, Santa Rosa.

Creating a Healthy and Disease-free Environment

Laguna Water and Manila Water Foundation celebrates Global Handwashing Day in Santa Rosa, Laguna



In photo (left to right): Jed Lagman of the City Government of Santa Rosa; Dr. Rene Bagamasmad of the Provincial Government of Laguna; Carla Kim of Manila Water Foundation; Josefina Arcillas of the City Government of Santa Rosa; Dr. Alain Cabodil of the Department of Education- Santa Rosa Division; and Eunice Ricaforte of Laguna Water.

Advocating the importance of proper handwashing with soap, Laguna Water and Manila Water brought the Global Handwashing Day celebration to Pulong Santa Cruz Elementary School in Santa Rosa City, Laguna last October 10.

Global Handwashing Day celebrates a global advocacy dedicated to raise public awareness and understanding about the importance of handwashing with soap as the most effective and affordable way to prevent people from acquiring diarrheal illnesses and respiratory infections.

With the theme "Our Hands, Our Future," hundreds of students and teachers were reminded that more than promoting a healthy life, handwashing is a key element of a better future. Participants of the GHD event also learned the principles and practices of proper handwashing with soap, which is referred as a "do-it-yourself vaccine" that prevents infections and saves lives.

"Handwashing is a life-saving measure that should be part of our everyday lives," said Eunice Ricaforte, Laguna Water's Sustainable Development Manager. She emphasized that handwashing helps achieve continued development and increase productivity, not only of an individual but of the entire community.

The actual handwashing was led by Eunice Ricaforte; Carla Kim of Manila Water Foundation; Dr. Rene Bagamasmad from the Provincial Government of Laguna; Ms. Josefina Arcillas and Mr. Jed Lagman from the City Government of Santa Rosa; and Dr. Alain Cabodil from the Department of Education- Santa Rosa Division.

Celebrated around the world every October 15, GHD encourages millions of people to wash their hands with soap at critical times. In 2016, more than 213 million people around the world rallied around the theme "Make Handwashing a Habit".

Developing a Culture of Safety

Laguna Water achieves 1 Million Safe Man Hours



Laguna Water launches its Safety Commandments as part of the celebration of its 1 million safe man hours.

Everyone has a million reasons to celebrate and a million more to be thankful for. There are a million other reasons that can hurt or bring pain to someone's life, especially in workplaces where one is exposed to potential hazards and incidents. These are not just limited to those who are out in the field or those in facilities or plants. These hazardous exposures include those in the office and even the ones who work at home. One missed detail, regardless of the magnitude, can lead to injuries and worse – death.

There are many things out there that are easily overlooked. Anyone can simply ignore a loose screw, for instance, which may cause imbalance in a structure potentially leading to a collapse and eventually, an accident. It is no easy feat to ensure safety in a work environment at all times.



Laguna Water President Virgilio C. Rivera, Jr. leads the signing of the company's Safety Commandments.

Requiring commitment and accountability, discipline and skill, a safety record is then hailed as a milestone for a company striving to provide quality service; and Laguna Water is one example in this respect.

In August 2017, Laguna Water achieved its first million safe man-hours. This shows that the leading water and used water service provider in Laguna values and promotes health, safety, and welfare of its employees.

In relation to this milestone, Laguna Water launched its Safety Commandments. With its aim to achieve no harm across all areas of its operations, this commandments will help remind employees and third-party service providers to comply with the company-wide safety rules.

As PMTS Head Jun Fradejas shared in his speech, equipped with proper trainings, safety inspections, and teamwork, Laguna Water will continually uphold the "zero safety incident and accident" practice.



Laguna Water Project Management and Technical Services Head Jun F. Fradejas highlights in his message everyone's contribution in achieving this safety milestone.

Planting the Seeds of Sustainability

As part of its commitment to be good steward of the environment, Laguna Water plants more trees in the Province of Laguna.

“Imagine the impact we could have if each one of us will plant his or her own tree.”

-Eunice Christine Ricaforte-Cosico
Sustainable Development Manager

Promoting a healthier ecosystem, Laguna Water conducts and participates in various environmental protection activities.

In 2016, the company has launched its own tree planting activity called Pasibol, which means “to sprout”. The program aims to encourage employees to spare some of their time to plant trees for the future.

Celebrating Environment Month

In celebration of the Philippine Environment Month, Laguna Water participated in two tree planting activities in the Province of Laguna in June.

Laguna Water, together with other representatives from the Ayala Group in the Southern Tagalog region, planted a total of 250 hardwood and fruit-bearing saplings during the Ayala Business Club-led tree planting activity in Nuvali, Santa Rosa on June 19.

Moreover, the company also joined the tree planting and nurturing activity of the Department of Environment and Natural Resources Region IV-A (DENR IV-A) in celebration of the National Arbor Day. Laguna Water employee-volunteers, along with representatives from DENR IV-A and various public and private organizations, planted at least 500 seedlings of guyabano at Barangay Pinagbayanan, Pila, Laguna. Arbor Day is a commemorative occasion in which individuals and groups are encourage to plant and care for trees.

Planting trees for the future

Laguna Water, the Boy Scouts of the Philippines, and Laguna’s Provincial Environment and Natural Resources Office joined together for this year’s Pasibol held in Landing Point, Barangay Tala, Rizal, Laguna.

More than 50 volunteers from the three organizations planted 500 guyabano saplings covering one hectare of Landing Point.



“One of the biggest concerns of the world today is climate change, which is a result of environmental degradation. Planting a tree is one of the simplest and most sustainable ways to protect our planet. Imagine the impact we could have if each one of us will plant his or her own tree,” said Eunice Christine Ricaforte-Cosico, Laguna Water’s Sustainable Development Manager.

Since 2013, Laguna Water has partnered with different local and national government agencies and organizations to plant over 2,000 trees.



Boy Scout of the Philippines Calamba City Council participates in Laguna Water’s Pasibol held in Rizal, Laguna.

Putting Christmas Smiles on Children's Faces

Laguna Water goes to Pagsanjan and Calauan in Laguna to spread the Christmas Spirit through its Daloy ng Saya program

“Pinadaloy niyo ang saya at pinaramdam ang tunay na diwa ng ka-Paskuhan”

-Elenita Velasco

Administrator of Pinagpala Children's Home

Laguna Water brought laughter and cheers to the students of Dingin Elementary School in Pagsanjan and to the children of Pinagpala Children's Home in Calauan through the company's Christmas gift-giving program, Daloy ng Saya.

Last December, more than 100 students of Dingin Elementary School enjoyed an afternoon of fun, games, prizes, and surprises with their ates and kuyas from Laguna Water. Employee volunteers handed out gifts of toys and were delighted to see happiness in the eyes of the participants as they received and opened their presents. Everyone flashed their beaming smiles when Jollibee took on the stage and gave a jolly dance number.

A week after the Christmas program in Pagsanjan, Laguna Water went to Pinagpala Children's Home in Calauan to spread joy to the children and staff of the said shelter. Same as the previous Daloy ng Saya, ates and kuyas from Laguna Water mingled with the children as they enjoyed the games, prizes, and meals. They also distributed bags filled with grocery items, which the attendees brought home to their families. As a sign of their gratitude and appreciation, the children gave a heartwarming song and dance performance.

“Salamat sa Laguna Water, talagang pinadaloy niyo ang saya at pinaramdam ang tunay na diwa ng ka-Paskuhan hindi lang sa mga bata kundi pati na rin sa amin,” said Elenita Velasco, administrator of Pinagpala Children's Home.

Launched in 2016, Laguna Water's Daloy ng Saya has put smiles to hundreds of children in Laguna and will continue this tradition of spreading joy every Christmas season.

Daloy ng Saya, Pagsanjan

More than 100 students and teachers of Dingin Elementary School received an early Christmas treat from Laguna Water.



Daloy ng Saya, Calauan

Hugs and smiles rained in Pinagpala Children's Home as Laguna Water brought its annual Christmas program in the said shelter.



Promoting Unity among Local Government Units in the Province of Laguna

Laguna Water and the Provincial Government of Laguna Holds the Laguna Inter-LGU Governor's Cup 2017

Laguna Water supported the Laguna Inter-LGU Governor's Cup 2017 of the Provincial Government of Laguna, which officially opened last May at the Alonte Sports Arena in Biñan, Laguna and concluded in August at the Laguna Sports Complex, Santa Cruz, Laguna.

With the aim to promote unity, establish camaraderie, and build harmonious relationships among the different cities and municipalities across the Province, all local government units in Laguna were invited to join this year's basketball tournament. The 26 teams that participated in this season's basketball league were the Provincial Government of Laguna, Alaminos, Bay, Biñan, Cabuyao, Calamba, Cavinti, Famy, Kalayaan, Liliw, Los Baños, Luisiana, Lumban, Magdalena, Nagcarlan, Paete, Pagsanjan, Pangil, Pila, Rizal, San Pablo, San Pedro, Santa Cruz, Santa Maria, Santa Rosa, and Victoria.

Opening Ceremony

Laguna Governor Ramil Hernandez, who also played for the Provincial Government of Laguna's Laguna Blue Warriors, led the ceremonial toss for this year's Basketball League together with Laguna Water representatives and the captains of the participating teams.

The muse competition and three-point shootout challenge added excitement during the opening ceremony. Santa Rosa's Mary Joy Pasion emerged as the 2017 Best Muse followed by Chariss Jedidah Gusay of Liliw and Maegan Faye Agoncillo of the Provincial Government of Laguna. For the three-point shootout, Jason Tuazon of Santa Cruz defeated last year's winner, Fritz Del Rosario of Binan, by one point.

Laguna Governor Ramil L. Hernandez participates in the three-point shootout challenge during the Opening Ceremony of the Laguna Inter-LGU Governor's Cup 2017.

Battle for the Title

This season of Laguna's basketball league featured tough matchups and stunning victories.

After three months of basketball games, the teams from Santa Rosa and Biñan went head-to-head for this year's championship title. Laguna Water and the Provincial Government's Laguna Blue Warriors staged an exhibition game prior to the basketball finals. The friendly match ended at 62-68, in favor of the Laguna Blue Warriors.



Santa Rosa's Mary Joy Pasion receives the Best Muse Award for this year's Laguna Inter-LGU Governor's Cup.

Bringing their A-games on their final duel, fans of Santa Rosa and Biñan filled the Laguna Sports Complex with excitement as they screamed their lungs out to show support to their teams. Packed with intense moments, Santa Rosa held on to their lead up to the last quarter of the fast-paced final game. With the strong performance of its players, Santa Rosa defeated last year's champion, Biñan, with final scores at 91-71.

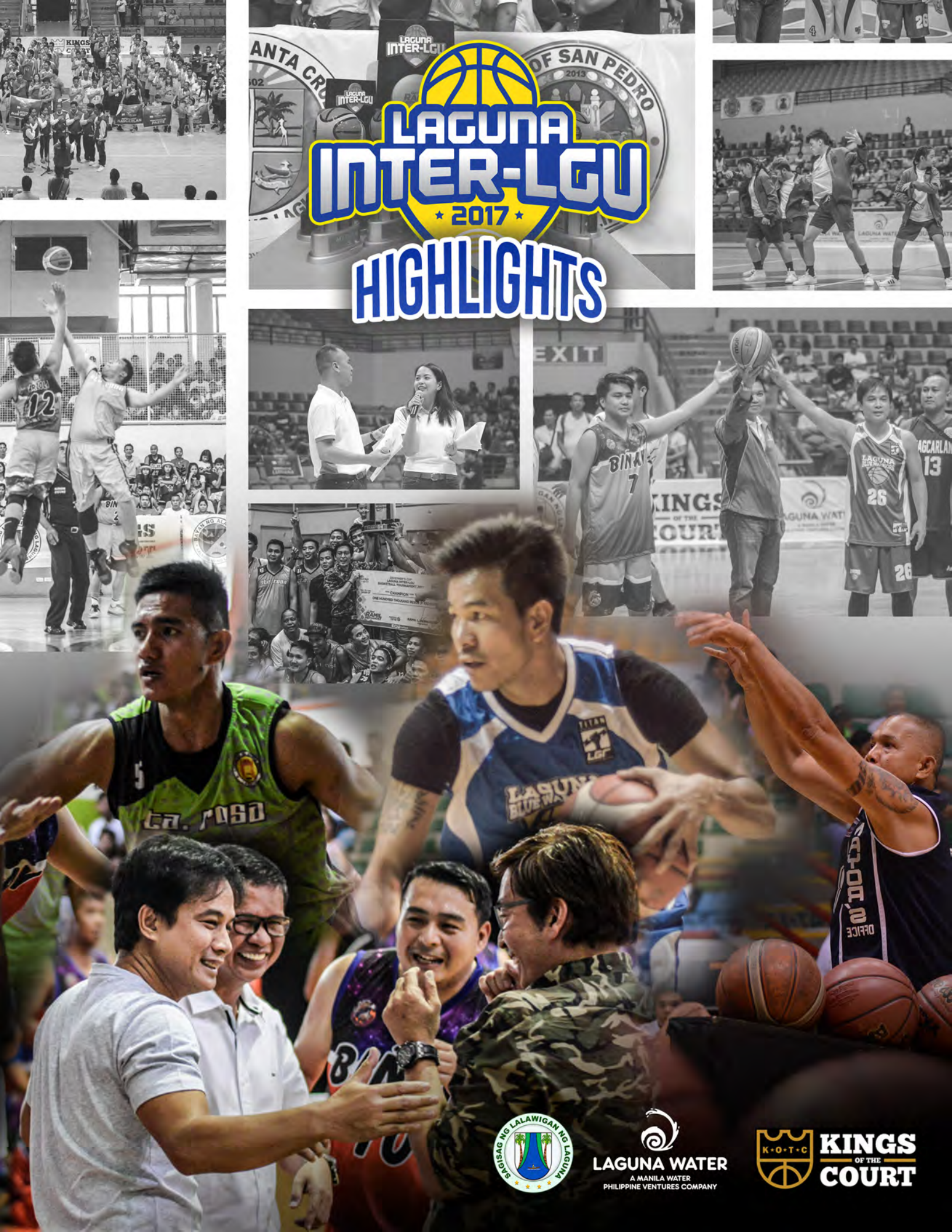
Governor Hernandez awarded the championship trophy and cash prize worth Php 100,000.00 to Santa Rosa Mayor Dan Fernandez and his squad. Biñan City brought home Php 75,000.00. Third placer Victoria was awarded with Php 50,000.00 and Fourth placer Cavinti received Php 25,000.00.

Trophies were also awarded to the season's MVP, Los Banos' Gabriel Bernardo and to the Mythical Five namely Gabriel Bernardo (Los Banos), John Lascuñas (Victoria), Mcdo Gordula (Cavinti), Kenneth Macapulay (Cavinti), and Jovic Shervon Arvezu (Liliw). Mr. Jeffrey Disquitado of Santa Rosa was hailed as the Final's MVP and received special prizes from Kings of the Court (KOTC), the tournament's official technical services provider.

With the success of this year's tournament, the Provincial Sports and Games Development Office, Laguna Water, and Kings of the Court are looking forward to a better and bigger Governor's Cup next year.



Santa Rosa City takes home the Championship title for this year's Basketball League.



START CARING FOR THE ENVIRONMENT

Saving the environment is one of the biggest concerns of today. Having experienced the vast effects of environmental degradation, there have been a lot of movements calling for increased environmental responsiveness and stewardship.

It is people's responsibility to take good care and maintain the abundance of Earth's natural resources. Each one should be a champion of the environment and can start it by having an environment-friendly home.

Here are some tips that will save our planet:



Don't throw batteries in the trash



Go paperless



Desludge septic tanks every five years



Connect to a sewer network



Water plants using recycled water from dishwashing or laundry



Unplug appliances when not in use



Bring your own reusable bags to the grocery



Check and repair leaks



Plant trees



Reuse, Reduce, Recycle





LAGUNA WATER

A MANILA WATER
PHILIPPINE VENTURES COMPANY

Empowering People

Protecting the Environment

Enhancing Sustainable Development

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