



**CALAMBA
WATER
DISTRICT**



WaterLife

The Official News Magazine of Calamba Water District

Volume 9 Issue 1

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VISION

A District with the highest quality of service that ensures customer satisfaction by providing continuous supply of potable water at an affordable cost and committed to an environmental preservation and protection.

MISSION

The District will ensure the Calambeños with sufficient supply of potable water 24/7 along with its commitment to establish sewerage and septage management system as part of our environmental concern.

CORE VALUES

Knowledgeability, Dedication, Commitment, Loyalty, Integrity, Simple Living

QUALITY POLICY : ISO 9001:2015

The Calamba Water District is dedicated to effectively provide our water management services that meet or exceed our customers' requirements, expectations and conformance to all quality parameters required by the international and statutory standards.

In order to achieve this goal, we think and act as a team to give our customers the best service that we can give. Toward this end, we commit:

- To meet, if not exceed, the standards set by the Philippines National Standard for Drinking Water (PNSDW);
- To communicate our quality policy with our customers, and all other interested parties and encourage our employees to embrace quality as their personal commitment to the water district;
- To identify areas for continual improvement by conducting regular review of the Quality Management System and subjecting the performance of Calamba Water District to regular internal audit.



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ABOUT THE COVER

The newly constructed state-of-the-art Septage Treatment Plant of Calamba Water District is situated at Brgy. Palo-Alto. This facility is designed for the collection, treatment and disposal of sludge, sewage and other wastewater collected and siphoned from the city's septic tanks. It is well-equipt and reliable with utmost concern for environmental protection.



WATERLIFE

Waterlife is the Official News Magazine of Calamba Water District

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Message from the



CHAIRMAN OF THE BOARD

Isang malugod at masaganang pagbati ang pinahahatid ng mga kinatawan ng mga Hunta Direktiba (Board of Directors) ng Calamba Water District at ng inyong lingkod. Bilang Chairman ng Board ng CWD, kami ay labis na nagagalak sa pinakitang sigla ng mga kawani ng Calamba Water District sa buong 47 taon na serbisyong patubig para sa mga Calambeño.

Ang ating pambansang bayani na si Gat. Jose Rizal na isinilang at lumaki sa bayan ng Calamba ay ang kauna-unahang gumawa ng tamang daluyan at sistemang patubig na hanggang sa kasalukuyan ay nagagamit pa rin doon sa bayan ng Dapitan. Ito ang adhikain ng CWD sa patuloy na pagbibigay ng serbisyo publiko na tunay na isakatuparan para sa pagbibigay ng dalisay at malinis na tubig.

Ang mga inisyatiba at polisiya ng Hunta Direktiba ay naimplementa para sa agarang pagtugon ukol sa malawakang kaayusan ng sistemang patubig. Ang mga nakahanay na proyekto na sinimulan katulad ng mga rehabilitasyon ng mga lumang tubo sa ibat-ibang barangay, ang pagpapatayo ng Septage Treatment Plant sa Brgy. Palo-Alto at ang paglagay ng 10 units ng Ultra Violet-Hydro Optic Disinfectant (UV-HOD) na may agarang pansala o “filter” para sa lubos na paglinis ng tubig na ikinabit sa 10 “pumping stations” ng Calamba Water District. Dagdag pa rito ang pagbili ng mga makabagong Generator Sets na malalakas ang kapasidad para mapigilan ang anumang interapsyon sa suplay ng tubig sakaling magkaroon ng “brownout” o malawakang “blackout”.

Sa pangkalahatan ay masasabing patuloy ang positibong serbisyo ng Calamba Water District upang maihatid ang dalisay na tubig sa mga Calambeño 24 oras.

Ervy R. Mercado

Turning our *Mission* into ACTION

“Mananatili kaming masigasig sa pagbibigay ng serbisyo publiko na may sipag at malasakit sa pagganap ng aming tungkulin na makapagbigay ng malinis na inuming tubig sa mababang halaga at mapanatiling ligtas ang pinagkukuhanan ng yamang tubig.”



The CWD stands tall on another edifice of success which is built on the foundations of its own newly constructed Septage Treatment Plant in Brgy. Palo Alto, Calamba City. On top of our mandate to provide sufficient supply of potable water, the management firms up the implementation of the CWD Septage Management Program, a breakthrough that expands our mission by providing septage treatment services that will greatly contribute for the protection of the environment and the groundwater sources.

It was 2014 when the Management and the Board of Directors started to make this great project a definite commitment. And to clearly set direction for this endeavor, the CWD Mission and Vision Statements were amended in the same year by including a specific statement of commitment for the establishment of a septage management system in addition to our main thrust to provide adequate and uninterrupted supply of clean water at an affordable cost. Since then, we incessantly exerted our efforts on various studies and relevant actions which are primarily aimed at accomplishing this goal. And finally, this year has marked another milestone for the CWD family, for successfully turning this vision a reality as the physical structure of our own Septage Treatment Plant has been fully constructed, ready to serve the Calambeños by providing reliable services on septic tank desludging and septage treatment.

The newly built fully mechanized CWD Septage Treatment Plant, with lot area of 1,800 square meters, is designed to treat septage collected from septic tanks and by-product effluent or wastewater prior to disposal back to the adjacent bodies of water without causing any risk to human health or undesirable harm to the environment. The facility is furnished with high technology process equipment necessary for the physical, biological and chemical treatment of up to a maximum of 60 cubic meters (or 60,000 liters) of collected septage per day. On the average, the facility is capable of servicing more than 875 households and establishments in Calamba City per month.

Thus, we are honored and grateful to state that we have accomplished this most desired development in our operation that reflects the success of translating our mission into action. With this, we are more zealous in serving the Calambeños and fervent in carrying out our commitment to provide sufficient supply of potable water as well as septage management services that would uphold a healthy environment and clean groundwater sources.



**Emanuel
CAPULONG**

Solving the WATER

RESOURCE

Problem

Clean water is an indispensable human necessity. This should be guaranteed by the State and exercised as a right by every citizen, which is a right to have clean, potable, and sustainable water. Recurring droughts and water shortages due to climate change and environmental destruction are very real concerns. To augment these existing problems, President Ferdinand Marcos Jr. has signed an Executive Order (EO) that will create a Water Resource Management Office (WRMO). This new office will be under the Department of Environment and Natural Resources (DENR). The WRMO will only serve as a transitory body pending passage into law of the bill seeking to create a Department of Water Resources (DWR).

To ensure sufficient water supply for the country, the President while then the Executive Order is still being crafted, instructed the DENR to coordinate with all existing water-related utilities to work together on the collaborative mechanisms for carrying out the creation of the WRMO. Under this WRMO is the National Water Resources Board (NWRB) which is the foremost government agency that handles the Philippines' water sectors' policies, regulations, and quasi-judicial functions. The President cited that here in the Philippines, water management pertains more to flood control mitigation instead of actual water supply management. Such plan involves putting dikes and dams to control flooding using collected water for irrigation and some for hydro water plants and even for drinking if a treatment plant is available.

As a transitory body, the first priority of the WRMO is to reduce the country's reliance on groundwater and deep wells and manage surface water supply, which is doable under this scheme because there is sufficient water in the Philippines but the problem is that some of the supplies are just wasted instead of being used properly. Despite its potential to centralize existing mandates, the creation of a water department must not become a redundant effort in replicating the functions of existing environmental or water related bureaus, if that will happen, then the creation of the Department of Water could be futile exercise.



CWD Septage Treatment Plant (SpTP)

Pilot Desludging/Siphoning & Process Proving

Engr. Miccoh N. Quimio



SpTP Team from Operations Department from left to right Engr. Elizaldy Novillos, GM Exequiel Aguilar, Jr., Engr. Alberto Mabalot, Jr., Mr. Alvin Mendoza, Engr. Miccoh Quimio, Engr. Joselito Gillera, Mr. Pedro Estalar and Engr. Nazelon Maffari

Calamba Water District officially conducted its commissioning process on March 27 until April 27, 2023. In line with this, the General Manager sent a letter of request to the respective Chairmen of Brgy. Palo Alto, Brgy. Sirang Lupa and Brgy. Canlubang to inform the residents of the siphoning services offered by CWD.

The siphoning services commenced with collected sludge from households and transported to the treatment plant. The sludge first went through the 'Primary Treatment Process', which generally involves the separation of solid debris (rocks, stone, gravel, trash) from the liquid component of the sludge. The slurry then underwent the secondary treatment process called the "Biological Treatment Phase." A "Sequencing Batch Reactor" (SBR), a "fill-and-draw activated sludge system for wastewater treatment" was employed in this process. Following the secondary process was the "Tertiary Treatment Process." This ordinarily involves chemical treatments such as chlorination, pH adjustment, flocculation and carbon filtration. After such a process, the effluent was then discharged to the nearby creek.

In providing the abovementioned services, CWD deployed two vacuum trucks (VTU) with a capacity of five (5) cubic meters to its barangay customers, with each truck having made at least three (3) trips per day. Plant laboratory technicians, operators, and truck drivers were provided by Chemical Research while surveyors were supplied by CWD.

The siphoning service was free of charge given that the treatment plant was under testing and evaluation. In turn, the residents shall be responsible for locating, opening and covering up their septic tanks. They were also advised to install a cleanout that is four (4) inches in diameter and above for ease of access come the next cycle of siphoning.

AREAS SERVICED/CWD Concessionaires

1. Brgy. Palo Alto - 20 Households
2. Brgy. Sirang Lupa - 116 Households
3. Brgy. Canlubang - 2 Households

Additional Establishments:

1. CWD Main Office
2. Commercial Building
3. Apartment
4. Calamba Doctors Hospital
5. Palo-Alto Brgy. Hall
6. Palo Alto Day Care Center





**Maureen
MASA**



CWD's Septage Management Program: A Solution to Water Contamination

Pursuant to the writ of Mandamus issued by the Supreme Court in 2008, the Philippine Clean Water Act of 2004 which requires the establishment, operation and maintenance of sewerage and sanitation facilities, and Ordinance No. 456 Series of 2009 approving the establishment of a sewerage and septage management system in the city, Calamba City has established its own Septage Treatment Facilities located in Brgy. Palo Alto for the collection, treatment, and disposal of sewage and septage in the city. The Septage Treatment Plant (STP) will be complete and operational before the end of the year.

Following this, Calamba Water District (CWD) plans to build a septic tank in communities without septic tanks and water connections.

As part of its septage management program, CWD will be desludging septic tanks of their customers once every five (5) years. The proposed septage or tariff fee will be three pesos (Php 3.00) per cubic meter of monthly water consumption. The same amount shall also apply to a monthly water consumption of either 15, 20, 25 or 30 cubic meters. For instance, Juan dela Cruz of Brgy. Halang consumes minimum of 10m³ per month for his household's water consumption.

The fee that Juan will have to pay will amount to thirty pesos (Php 30.00) per month or a total of one thousand eight hundred pesos (Php 1,800.00) for a period of five (5) years.

Although the implementation of such fee might be concerning to several customers, it must be stressed that the desludging process is one of the various ways to help save the environment from contamination. Based on the United States Agency for International Development (USAID) and Water and Sanitation Program (WSP) report, poor sanitation and hygiene practices can lead to many diseases such as diarrhea, typhoid, hepatitis A, and the like. Hence, the necessity of desludging septic tanks every five to seven years to maintain level efficiency and prevent overflow that can lead to groundwater contamination.

At present, the proposed septage or tariff fee of three pesos (Php 3.00) for the approval of the Local Water Utilities Administration (LWUA) is now underway for the imposition of the septage management fee. In awaiting its result, CWD hopes that customers will readily cooperate in the implementation of the septage management program for the overall improvement of the health and sanitation in Calamba City.



**Monette
ALZONA**

New Water Service Connections at Different Areas in Calamba City

The Commercial Department has launched its own marketing campaign for additional water connections for the year 2023 which includes the following areas to be served by Calamba Water District for new water connection to wit:

1. Sitio Latian, Brgy. Mapagong
2. Purok 5, Brgy. Milagrosa
3. Calambeno Ville 2, Brgy. Looc
4. Lino Habacon Village , Brgy. Sampiruhan
5. Bria Homes, Brgy. Banadero

APPLY NOW!

For a clean and safe water at an affordable cost

For inquiries please call our Customer Service (049) 545-2863

Visit our website www.cwd.com.ph and follow us on our official Facebook page for updates.



EXISTING WATER RATES

Category	Meter Size	Minimum Charge	Commodity Charge			
		1st 10 cu.m	11-20 cu.m	21-30 cu.m	31-40 cu.m	41 up cu.m
Residential and Government	1/2	Php 183.00	Php 20.30	Php 24.05	Php 30.80	Php 36.45
	3/4	Php 292.80	Php 20.30	Php 24.05	Php 30.80	Php 36.45
	1	Php 585.60	Php 20.30	Php 24.05	Php 30.80	Php 36.45
	1 1/2	Php 1,464.00	Php 20.30	Php 24.05	Php 30.80	Php 36.45
	2	Php 3,660.00	Php 20.30	Php 24.05	Php 30.80	Php 36.45



Depro
ALINSUNURIN



CWD Rates Excellent in the DOH Proficiency Test



Republic of the Philippines
Department of Health
Manila



This

CERTIFICATE OF PROFICIENCY

is hereby presented to

CALAMBA WATER DISTRICT

St. Angela St. Lakeview Subd. Brgy. Halang, Calamba City, Calamba, Laguna

Certificate No. WMTL-PT-22-4A033
Accreditation No. 4A-0003-1820-LW-1

for successful participation, passing and achieving

EXCELLENT
performance in the

**“CY 2022 PROFICIENCY TESTING SCHEME for
WATER MICROBIOLOGICAL TESTING
LABORATORY”**

Given this 31st day of March 2023

One of the main commitments that Calamba Water District (CWD) aims to uphold is to supply safe and potable water to its customers for as long as it can render its services. In doing so, CWD maintains the highest standard in water testing by using advanced technologies and proper equipment to improve its water quality management. To this day, CWD continues to exert necessary measures to ensure that public health and safety remain its utmost priority.

In recognition of these outstanding efforts, the Department of Health (DOH) awarded CWD on March 31, 2023, the “Certificate of Proficient Testing Scheme for Water Microbiological Testing Laboratory.” The DOH Proficiency Test is a benchmark for evaluating the precision and competence of water potability testing laboratories. The Proficient Test (PT) is a requirement for the renewal of accreditation of all water testing laboratories as mandated by the DOH and administered by the National Reference Laboratory (NRL). It also provides reliable and accurate results, assuring the public that the water supplied by CWD is safe for human consumption. With the district’s laboratory having received an excellent rating for its conduct of microbiological analysis, CWD notably proves that it strictly adheres to the standards required by the DOH and the Philippine National Standard for Drinking Water (PNSDW).

Indeed, it is a true honor for CWD to receive a certificate for its commitment to water testing, safety, and quality management. Notwithstanding such recognition, the district continues to render its services effectively and efficiently, following the law and company objectives. As CWD remains devoted to maintaining the trust and confidence of its customers, this certificate shall serve as its source of further motivation and dedication to public service.



Water Quality Section headed by Ms. Ma. Lourdes Rimas (center). From left, Aaron Joshua Rimas, Ethel Paderes, Granville Vosotros and Jose Alberto Elepano.



Calamba Water District offers Microbiological Water Testing Services with DOH ACCREDITATION NO. 4A-0003-1820-LW-1

To determine the microbiological quality of drinking water
it must be sampled and tested according to the
Philippine National Standard for Drinking Water 2017



Submission of Samples

1. Secure sterilized sampling bottles from the Laboratory.
2. Submit the water sample with label indicating the following information:
 - *Date and Time of Collection*
 - *Water Source*
 - *Sampling area*
 - *Sender/Collector's name*
3. Samples shall be accepted only every Monday, Tuesday and Wednesday from 7:00 AM to 2:00 PM.
4. Pay the analysis fee of Four Hundred Fifty Pesos (Php 450.00) at the cashier then submit the Official Receipt (O.R.) to the Laboratory personnel.

Sampling Procedure

1. Clearly label the sample bottle.
2. Turn the tap full on and allow the water to run for 2 to 3 minutes. This would flush the interior of the nozzle and discharges stagnant water.
3. Adjust the tap to have a gentle flow of water.
4. Fill the bottle almost to the top, leaving a sufficient air space or gap.
5. Store and transport.

Sample Transportation

1. Place the sample in an insulated container with sufficient ice for storage during transport.
2. Sample should be received at the laboratory no more than 24 hours after sampling.

Test results shall be available in five (5) working days.
Claiming of results shall be from Monday to Friday at 7:00 AM to 4:00 PM

**For inquiries and additional information
please contact CWD Laboratory (049) 245-1799**

CWD Inks Agreement with Social Security System (SSS) for Job Order and Contract of Service Workers

Geraldine Manguiat



The Calamba Water District headed by GM Exequiel A. Aguilar, Jr. signed a Memorandum of Agreement with SSS for the self employed program of Job Order (JO) personnel and permanent employees dubbed as KaltaSSS-Collect Program. The signing was held last February 27, 2023 at CWD Multi-Purpose Hall 5th Floor CWD Building.

Social Security System (SSS) was represented by Ms. April Baje, Acting Branch Head – Calamba Branch, Ms. Alona M. Legaspi, Corporate Executive Officer II AMs, Calamba Branch.

The self employed program will cover the COS and JO personnel, and also allow permanent employees who have existing SSS membership during their previous employment can opt to continue paying their contributions as voluntary members.

CWD-Cooperative Elections of New Officers for 2023

The Calamba Water District Employees Multi-Purpose Cooperative (CWD-EMPC) held its General Assembly (GA) on March 28, 2023 in front of the CWD Main Building with raffle prizes for all the members present. An inspirational message was given by Ms. Ann M. Acoba, field officer of Calamba Development Authority (CDA). The topics discussed during the GA meeting were the following: Board Resolution, Depository Banks, Statement of Financial Condition and Income, Cash Flow and Expenses as well as the Member's Benefits.

On the other hand, the members casted their votes to elect a new set of officers for the Board of Directors, Audit and Election Committee. Hereunder is the list of newly elected officers of the CWD-EMPC for CY 2023:

- 1) Board of Directors – Maribeth Gratela, Gregoria Olea and Emma Fandiño
- 2) Audit Committee – Maria Ana De Ocampo, Junsy Ybuan and Ronilo Muzares
- 3) Election Committee – Monette Alzona, Alpha Amor Manguiat and Paul Evangelista

The oath taking of Elected and Appointed Committee Officers took place on May 24, 2023 at the CWD Multi-Purpose Hall 5th Floor CWD Building.

CWD Disposes 10 Tons of Valueless Records

Records Section Refurbished to Enhance Efficiency and Organization

John Paul A. Tejada



The Calamba Water District (CWD) has achieved significant progress in its ongoing efforts to improve records management. The District, through the Administrative and Human Resources Division (AHRD) and the Records Management Improvement Committee (RMIC), has successfully disposed of nearly ten (10) tons of valueless records. This initiative aims to enhance efficiency, streamline records processing, and ensure effective utilization of resources.

The disposal process involved careful assessment and categorization of the records, followed by adherence to appropriate disposal guidelines under RA 9470, also known as the National Archives of the Philippines Act of 2007. By employing secure and environmental-friendly methods, the management ensured that the disposal was carried out responsibly and in compliance with relevant regulations. With thorough planning and concerted efforts, CWD's Records Section has substantially removed unnecessary clutter from accumulated valueless records, freeing up records storage space, and promoting a more organized effort of records disposition.

Such action represents a crucial step towards optimizing the records management storage area. Records management plays a vital role in the efficient functioning of any government organization, and the Calamba Water District strengthens its significance. The overall disposal of valueless records and improvement of records processing demonstrate the district's commitment to exemplifying the highest standards of transparency, accountability, and accessibility -- factors that CWD aims to uphold in the future.



YOUR PARTNER IN WATER AND WASTEWATER TREATMENT

ABOUT CHEMICAL RESEARCH



Multi-awarded Supplier
by MWSS concessionaires



≥ 150,000 tons
average quantity of chemicals delivered annually



11 projects
construction and operations of Septage Treatment Plants



2 contracts
long-term potable water supply



>250 clients
located in 76 provinces being served nationwide



2 global certifications
ISO 9001:2015 and ISO 14001:2015 compliant

SEPTAGE MANAGEMENT AND POTABLE WATER SERVICES

SEPTAGE TREATMENT

- ✓ Design and Construction Services
- ✓ Supply and Installation of Equipment
- ✓ Commissioning and Process-proving Services



MAJOR EQUIPMENT

- Septage Acceptance Unit / Package Treatment Plant
- Screw Dewatering Press Unit
- Sequential Batch Reactor
- Chemical Treatment and Clarification

POTABLE WATER TREATMENT

- ✓ Design and Construction Services
- ✓ Supply and Installation of Equipment
- ✓ Commissioning and Process-proving
- ✓ Operations and Maintenance of the Plant

PRODUCTS & SERVICES

WATER AND WASTEWATER TREATMENT

- Alum sulfate (alum)
- Polyaluminum chloride
- Cationic / Anionic / Nonionic Flocculants
- Chlorine Dioxide, Calcium hypochlorite
- TCCA / SDIC
- Iron and Manganese removal
- Color and odor removal

FOR BOILER WATER / CONDENSATE TREATMENT

- Oxygen Scavenger
- Anti-scale / Sludge Conditioner
- Neutralizing / Filming Amine
- Alkalinity Control

FOR COOLING WATER TREATMENT

- Scale Inhibitor / Dispersant
- Corrosion Inhibitor
- Anti-foam / Defoamer
- Chlorine dioxide generator
- pH adjuster

FOR ALCOHOL DISTILLERY PROCESS APPLICATIONS

- Defoamer
- Fermentation aid
- Distillation column anti-scale
- Distillation column descaler

FOR SUGAR MILL PROCESS APPLICATION

- Sugar juice biocide
- Evaporator cleaning chemicals and services
- Evaporator anti-scale
- Liquid alum / PAC

SEPTAGE MANAGEMENT SERVICES

COMPLETED AND ON-GOING PROJECTS



Baliwag WD
120 cubic meters per day



San Jose Del Monte WD
120 cubic meters per day



Isabela City WD
10 cubic meters per day



Legazpi City (LGU)
30 cubic meters per day



Ormoc City (LGU)
30 cubic meters per day



GMA WD
15 cubic meters per day



Hagonoy WD
20 cubic meters per day



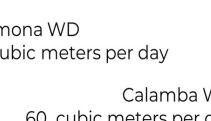
Metro Naga WD
60 cubic meters per day



Tanay WD
20 cubic meters per day



Carmona WD
20 cubic meters per day



Calamba WD
60 cubic meters per day



SUPPLY OF VACUUM TRUCKS AND O&M SERVICES

- ✓ Supply and delivery of vacuum trucks
- ✓ Training of drivers and operators



SCAN ME!



**Maureen
MASA**

Clean “Water is Life”

Summer season has officially begun, and the current weather has the public wanting to clench their thirsts quickly and take showers more than usual. As we experience the grueling heat and anticipate the coming of El Niño, water becomes even more of an essential for refreshment, hydration, and general survival. Unfortunately, not everyone has access to water, especially one that is clean and safe for daily consumption.

According to the National Water Resources Board (NWRB), about 11 million families still do not have access to clean water. Such circumstance then forces them to get water from “unsafe” sources such as deep wells, springs, rivers, lakes, and rainwater. Besides this, sanitation also remains a problem in the Philippines as many families still practice open defecation, risking water contamination and diseases. A recent study conducted by the Philippine Statistics Authority shows that a total of 53,066 Filipinos died between 2010 and 2019 due to water-borne diseases such as typhoid and paratyphoid fever, bloody diarrhea, cholera, viral hepatitis, leptospirosis, and more. This further emphasizes the problem of water supply shortage, contamination, and sanitation in the country and the urgent need for efficient and effective long-term solutions.

For its part, Calamba Water District (CWD) has established its own water safety plan (WSP) and septage management program (SMP) to lessen contamination and prevent the widespread of water borne diseases in Calamba

City. Likewise, the district is conducting the continuous rehabilitation and expansion of its service lines to avoid water supply shortage. With the forthcoming El Niño, CWD is strictly implementing water conservation measures to assure the consuming public that there is adequate water supply within the second half of the year. Accordingly, the Bucal Spring which supplies water for majority of CWD customers, remains at a high level as of the present.

On a macro scale, the National Government has created the Office of Water Management to ensure sufficient water supply and address various environmental challenges. One of its many tasks is to manage surface water supply and reduce reliance on groundwater and deep wells. Fortunately for the Calambeños, reliance on groundwater and deep wells is not an issue given the existence of the Bucal Spring which is able to supply water to many areas within Calamba City.

As can be gathered from above, both the National Government and Calamba Water District are doing their respective shares in creating comprehensive plans aimed at improving the way water resources are managed and maintained. Ultimately, water-related plans and programs must be properly and efficiently implemented to prevent overall water crisis. As the saying goes, “Water is Life” hence, it must be conserved and protected to ensure the continuous supply of clean water not just at present but more so, for the years to come.

MAINSTREAMING GAD

Walk In Her Shoes



In the celebration of the 2023 National Women's Month and the launching of the 2023 to 2028 theme "WE for Gender Equality and Inclusive Society", the Calamba Water District (CWD), being a gender-responsive workplace, conducted an annual program highlighting women's role in the society.

Male employees are encouraged to participate in the said: "Walk on Her Shoes". The purpose is to inform and engage women and everyone in a more gender-responsive environment. It enables women to contribute to nation-building.



Zumba Ni Juana

Another program of CWD-GAD is the Zumba Fitness in front of CWD office main building on March 24, 2023, with the Jose Rizal Plaza Zumba instructors.

This event is launch to promote work-life balance and aim to improve the physical health of CWD employees.



WE for Gender Equality & Inclusive Society
Calamba Water District
2023 NATIONAL WOMEN'S MONTH CELEBRATION
 March 1 - 31, 2023
www.pcw.gov.ph @PCWgovph

International Women's Day

WE for Gender Equality & Inclusive Society
Calamba Water District
2023 NATIONAL WOMEN'S MONTH CELEBRATION
 March 1 - 31, 2023
www.pcw.gov.ph @PCWgovph

International Women's Day

Poster Making Contest

Poster-making Contest was held last March 24, 2023, at 5th floor CWD Multi-Purpose Hall participated by male and female employees of CWD. The theme of the poster-making contest was WE...Women and Everyone...WE can be Equal. The objective of the contest was to discover the artistic talent of the employees and express it through visual means.

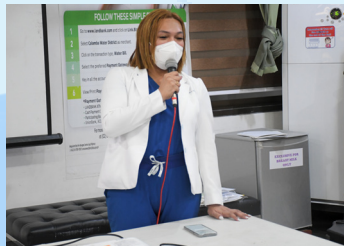
The event was judged by well-known artists of Calamba City including our WaterLife cartoonist, Mr. Edgardo Mangeron. The winners are: Ms. Reynet Khan - 1st Prize, Ms. Eileen Reyes - 2nd Prize, and Ms. Janine Caluag - 3rd Prize.



Health Awareness Program

As part of the National Women's Month Celebration, Calamba Water District conducted a Health Awareness Program attended by female employees. The discussion presented by Dra. Melissa S. Dones, OB Gynecologist, focused on how to prevent cervical cancer.

These cases are linked to infection with high-risk Human Papillomavirus (HPV), an extremely common virus transmitted through sexual contact. The goal of screening for cervical cancer is to detect precancerous cervical cells.



Calamba Water District
2023 NATIONAL WOMEN'S MONTH CELEBRATION
 March 1 - 31, 2023
www.pcw.gov.ph @PCWgovph

International Women's Day

Calamba Water District
2023 NATIONAL WOMEN'S MONTH CELEBRATION
 March 1 - 31, 2023
www.pcw.gov.ph @PCWgovph

International Women's Day



SEPTAGE TREATMENT PLANT
Palo-Alto, Calamba City

**CWD NEW
FACILITIES**





LABORATORY
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Southern Tagalog Association of Water Districts (STAWD) General Membership Meeting - Environmental Summit 2023



GM Exequiel A. Aguilar, Jr., co-chairman of ways and means of the Southern Tagalog Association of Water District (STAWD), attended the Environmental Summit 2023 in Puerto Princesa, Palawan which was held on February 22-24, 2023.

He was joined by other General Managers from other Local Water Districts.

Laguna Association of Water District (LAWA) Zumba



The CWD joined the 3rd Zumba Dance Fitness Party held in Sta. Cruz Complex, Sta. Cruz, Laguna last February 10, 2023 and Tree Planting Activity on March 16, 2023 in Liliw Laguna.

Both were hosted by the Laguna Association of Water District (LAWA) as part of its annual activity.

World Water Day 2023



Calamba Water District joined the annual World Water Day celebration through a motorcade which was participated by the CWD Riders.

Philippine Association of Water Districts (PAWD) Convention 2023



The 44th Philippine Association of Water Districts (PAWD) National Convention, with a theme entitled "Water Districts Accelerating Actions Towards a Water Secure Nation", was held in SMX Convention Center, Mall of Asia (MOA) Complex, Pasay City on April 12-14, 2023. The event was attended by different Local Water Districts and the Calamba Water District Choir (CWD) sang the National Anthem and Doxology of the program.

Laguna Association of Water Districts (LAWA) Tap & Drill Competition



The Laguna Association of Water Districts (LAWA) hosted the Tap and Drill Competition which was held on February 17, 2023 at Villa Evanzuenda in San Pablo City, Laguna.

The contest was won by the Calamba Water District through its representatives namely: Mr. Ryan Quiatchon and Mr. Ramil Malabanan from the Technical Services Department.

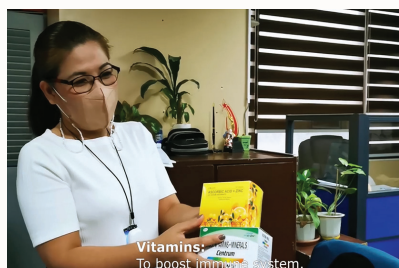
Laguna Association of Water Districts (LAWA) Membership Meeting



The CWD hosted the Laguna Association of Water Districts (LAWA) General Membership Meeting on June 22, 2023 at SM Esguerra Hotels and Restaurant.

The matters discussed during this meeting pertained to STAWD General Membership meeting along with the recognition night for service award of employees to be hosted by LAWA.

Distribution of Vitamins for all CWD Employees



As part of the Calamba Water District's commitment to maintain a healthy workforce, vitamins were distributed during the second quarter of the year.

Environmental Congress 2023



GM Exequiel Aguilar, Jr. is invited by the City Government of Calamba as a resource speaker on Environmental Congress Planning 2023 held on March 2-5, 2023 at Azalea Hotels and Residences, Baguio City.

GM Aguilar discussed the topic about the CWD Septage Treatment Plant.

CWD Implementing RA 11285 Energy Efficiency and Conservation (EEC)

Engr. Nazelon J. Marfori

Key Benefits of Implementing EEC Law in CWD

A. Reduced Energy Costs

By adopting energy-efficient technologies and practices, CWD can cut down its energy consumption, leading to substantial cost savings. These financial benefits can be redirected towards improving infrastructure, expanding services, and investing in further energy-efficient initiatives.

B. Environmental Impact

One of the main drivers behind RA 11285 is to reduce greenhouse gas emissions and fight climate change. CWD's efforts to lower its energy consumption will result in decreased carbon dioxide emissions, positively impacting the local environment and contributing to global climate action.

C. Enhanced Reliability and Resilience

Implementing energy-efficient systems often results in improved reliability and resilience of operations. With reduced energy demands, CWD can better withstand potential energy supply disruptions, ensuring a continuous supply of clean water to its consumers, especially during emergencies.

D. Public Awareness and Engagement

EEC law promotes public awareness and participation in energy efficiency and conservation efforts. By actively involving the community in sustainable practices, CWD can foster a sense of ownership and responsibility, leading to more significant strides towards energy conservation.

Energy Audit



VFD Training



**EEC
Initiatives
and
Projects**

A Installation of intelligent supply and pressure management system of the six (6) pumping stations in service areas including Bucal Pumping Station (BPS) and rehabilitation of BPS for automation in compliance with Energy Management System

B Procurement and utilization of LED lights and inverter type air-conditioning units and utilization of highly efficient pump motors.

C Purchased laptop computers instead of desktop for office used and fuel-injected motorcycles instead of carburetor type for field work.

D Installation of solar panels in main office and warehouse

E Proposed electrical rehabilitation project of main office building

F Utilization of variable frequency drive controllers for pump motors

G Conducted Energy Audit in BPS as Type 1 Designated Establishment by accredited ESCO

R-Tap Installation



Electrical Rehabilitation Project






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SERVICE AWARDS 2023

10 Years



15 Years



20 Years



SERVICE AWARDS 2023

25 Years



30 Years



35 Years





**Ma. Ana
DE OCAMPO**



CWD Team Building and Summer Outing

On April 20 and 21, 2023, Calamba Water District held its summer outing activity at Caliraya Resort Club, Lumban, Laguna. The team-building event headed by the Special Events Committee (SEC) and led by Ms. Carmela M. Elepaño, with the objective being to build camaraderie, further strengthen solidarity, and promote harmony among the employees.

At the commencement of the activities, the employees were grouped into eight teams and subsequently divided into eight colors. Before the start of the team-building exercises, each group had its cheering presentation, wherein the green team won the best cheering award. Thereafter, each team was given five (5) assigned tasks to complete, with the team able to finish these tasks the fastest being declared the winner. The violet team emerged as the champion, followed by the white and green teams, which bagged second and third place, respectively.

After the challenging but fun tasks, the employees had time to relax and enjoy the rest of the day while simultaneously preparing for "Fellowship Night." Everyone dressed in vibrant summer outfits, following both the summer theme and weather while enjoying the music, food, and beverages. At the end of the night, one male and one female employee were awarded "best in summer outfit".

Overall, it was a remarkable and unforgettable 2-day event for all the employees of Calamba Water District. Not only did it encourage active participation and unity among the employees in accomplishing tasks, but more so, it enabled them to build a good relationship with one another. With the objective of this summer outing, it is anticipated that a productive, positive, and healthy environment is built wherein the employees can thrive individually but still be able to work together as a team. As the saying goes, "The greatest asset of a company is its people," and we hope that the success of this event will be able to exemplify such.



CWD

Sports Fest 2023



Beverly
ACIERTO



The Calamba Water District (CWD) conducted its Inter-Office Sports Fest on May 5 & 26, 2023. The first day was held in the CWD main office and before the commencement of the various activities, the General Manager, Mr. Exequiel A. Aguilar, Jr., delivered an inspirational message to all the officers and employees of the district.

The event kickstarted with a cheering competition and presentation of muses for eight (8) basketball teams. The award for Best in Cheering Competition was awarded to the Finance Department while the title of Best Muse was given to Ms. Anne Malaban and Most Popular Muse to Ms. Rebecca Corpuz. The games for Darts, Chess, and Table Tennis eventually began. Ms. Ma. Lourdes Rimas and Mr. Noel Tolentino were the first placers in Darts, Mr. Napoleon Alviar was the first-placer in Chess, and Ms. Shirmae Joy Magsino and Mr. Frederick Cambe were the champions in Table Tennis.

The second day of the 2023 CWD Sports Fest was held at The Mills Country Club in Brgy. Canlubang, Calamba City. The bowling tournament consisted of six competing

teams but it was Mr. Romeo Mailom's team that emerged as the overall winner. For the volleyball tournament, Ms. Lorna Siman's team won the championship in the female category while Engr. John Carlo Alibutod's team won the championship in the male category. As for the badminton tournament, Ms. Shirmae Joy Magsino and Mr. Jay-r Montaras won the Badminton Mixed Doubles game. The most anticipated part of the event, however, was the basketball championship game between Engr. Rolando Baro's team and Geminiano Gevaña, Jr.'s team. Amidst the scorching heat, the excited cheers of the crowd, and the heart-stopping match, Engr. Baro's team took the victory.

Ultimately, the sports fest became an opportunity not only for each participant to showcase their athleticism but more so, for the employees to strengthen cooperation and teamwork among themselves. The intense but friendly competition resulted in great sportsmanship and camaraderie, allowing the employees to create more meaningful working relationships with one another and CWD to promote a better and healthier workforce overall.



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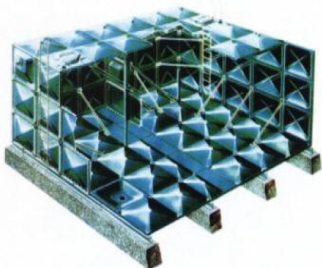
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**Chona
GRAMA**

Thirst Quenchers to Beat the Summer Heat

It is almost the end of June, but the hot, humid, and dry season is far from over. To endure the summer heat, drinking refreshments is one of the quickest solutions to hydrating the body and quenching one's thirst. With the Philippines being known for its hot weather, Filipinos have created various iced refreshments perfect for the summer. Among the most common Pinoy thirst quenchers are the halo-halo, samalamig, and buko juice sold along streets or sidewalks.

These iced refreshments are not 100% made of water due to added sweeteners; hence, diabetic people are strongly discouraged from consuming sweetened drinks. In the alternative, there are unsweetened fruit infusions or herbal teas that are also ideal thirst quenchers. Some hydrating drinks that provide vitamins, minerals, and phytonutrients good for the body are pandan tea and calamansi juice.

Although hydration is necessary, summer refreshments must always be safe for consumption. Because of the dry season, several drinks have shorter shelf lives which can negatively affect their quality. Thus, it is important to consume refreshing drinks immediately to prevent their expiration and contamination.

Despite these, however, the ultimate source of refreshment is WATER. It is inexpensive yet the most effective thirst quencher that can immediately re-energize and relax the body without regard for health concerns. Although flavored refreshments highly appeal to the taste, water is still the top choice for a thirst quencher as it flushes waste from the body, regulates body temperature, transports nutrients, and is necessary for easier digestion.

Water is essential and in the extreme heat that we continue to experience, it remains to be the best and healthiest choice for hydration. As doctors would advise, "Don't forget to drink lots of WATER!"





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Satisfy your CRAVINGS

Jovi Anne D. Dizon

A graduate of Business AD Major in Marketing, Patricia Anne “Trish” Estepa, is a young entrepreneur who owns “TRISHAWARMA”, located in Bistro Acacia, Ceris 1 Subdivision, Canlubang, Calamba City.

Patricia established her business in 2020, during the pandemic. With only P2,000 as capital, “TRISHAWARMA” started as a cloud kitchen. Due to the lockdown and travel restrictions at the time, Patricia’s promotion of her business was limited to collecting and delivering orders within her subdivision. But with her passion for food and cooking, she was eventually able to expand her small business with the help of her uncle, Mark Estepa.

At present, “TRISHAWARMA” continues to satisfy the cravings of its customers by offering a variety of Mexican food choices through its stall.

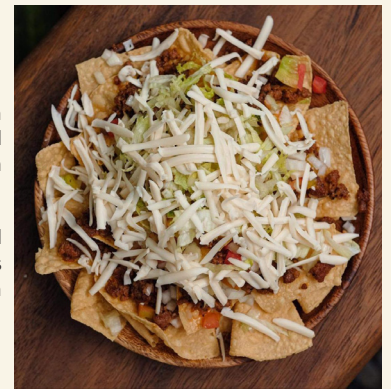


TRISHAWARMA’S BEST SELLERS:



Chicken Quesadilla is a folded tortilla, cooked until crisped with Tex-Mex style shredded Chicken, white onion, bell pepper, and Mozzarella cheese. Added with the choice of your dip -Sour cream or Salsa.

Beef Nachos is their famous appetizer or “pulutan”. Topped with ground beef, salsa, lettuce, cheese, and cheese sauce, this appetizer is a perfect snack for drinking or simply chatting with friends!



Chicken Fajitas is a soft taco, with strips of chicken, bell peppers, white onion, salsa, lettuce, topped with cheese. It has a mixed taste of cumin and curry that will surely satisfy your Tex Mex cravings.

Beef Shawarma is a fusion of middle eastern and Filipino style of beef shawarma, wrapped in tortilla with cucumber, tomatoes, white onion, cheese and garlic sauce.



Chimichanga is a deep-fried Mexican dish. Chicken, cheese, bell peppers, and white onion are rolled into a tortilla and paired with lemony salsa and sour cream.

White Chocolate Mocha is a handcrafted drink made with fresh and perfectly grinded beans. With Bistro Acacia’s signature syrup, white chocolate sauce, whole milk and whipped cream, it is no surprise as to why this drink is a best seller!





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**Monette
ALZONA**

PERFECTLY Imperfect

6 steps for embracing imperfections

1. Find the positive side in your flaws

The first step towards embracing imperfections is to be mindful and shift your perspective regarding how you perceive yourself. Stop viewing yourself as insufficient or lacking in certain areas, and start seeing yourself as a whole being, albeit flawed. Moreover, upon reflection you may find that your flaws or imperfections offer you a unique edge.

2. Realize that your imperfections make you human

Imperfections give you character and make you authentic. Whenever you find yourself getting swayed anew by the portrayal of someone who's perfectly put-together and efficient, try imagining that individual in your daily life. You may be surprised by the revelation that their flawlessness might begin to annoy or bore you in no time.

3. Take inspiration from art

Letting go of notions of inadequacy or imperfection does not come easy. Which is why we can take inspiration from the art forms around the world, and creators who wished to glorify the transient and erroneous nature of humans. The concept of 'perfectly imperfect' has been propagated in cultures across the world, wherein mistakes are deliberately introduced in artistic works.

4. Focus on flow state instead of perfection

We often mistakenly assume that perfection is a prerequisite for fulfilment of goals. Indeed, goals help us move forward, but they shouldn't serve as impediments that remind us of what we lack. A Harvard Business Review study concluded that while perfectionism can improve performance, it can also result in elevated stress levels and anxiety as perfectionists often latch their self-worth to their ability to perform perfectly.

5. Surround yourself with positive voices

The company we keep and the people we interact with can affect our thought processes and decisions, and hence it's advisable to surround ourselves with positive minded people who truly accept us with our flaws and shortcomings.

6. Use your imperfections to help others

"The world breaks everyone and afterward many are strong in the broken places", noted Ernest Hemingway, the renowned novelist. Once you realize that brushing your insecurities aside and accepting your true self makes you authentic, you can help others understand this as well. Reveling in your vulnerabilities and continuing to put your best work forward by embracing imperfections can inspire several others who feel impaired by their imperfections.

<https://www.happiness.com/magazine/personal-growth/embrace-your-imperfections>

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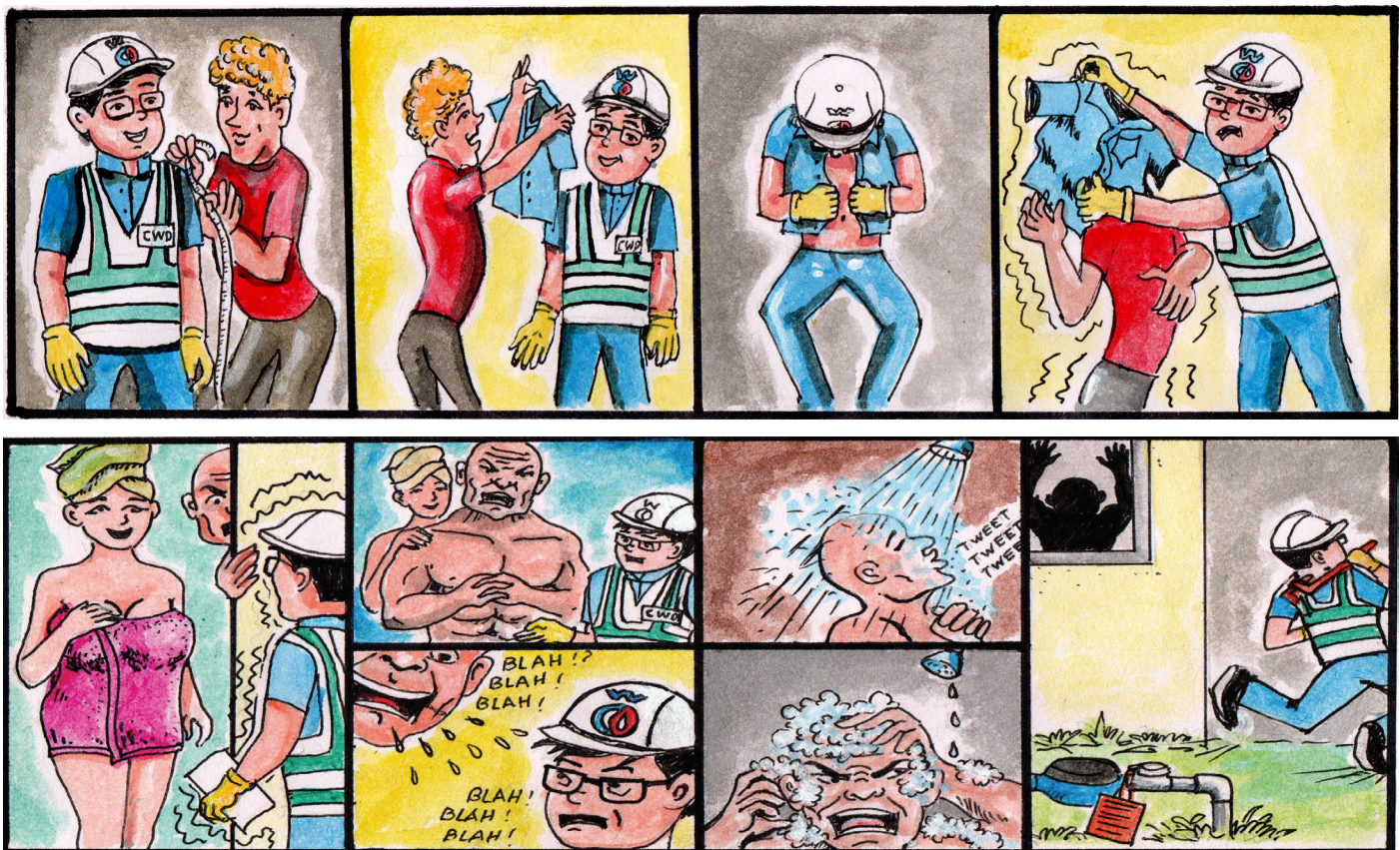
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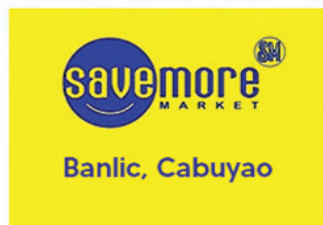
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