



**CALAMBA
WATER
DISTRICT**



WaterLife

The Official News Magazine of Calamba Water District
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RENEWING COMMITMENT STRENGTHENING SERVICE



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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

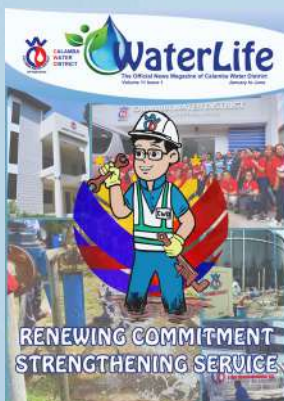
The Calamba Water District is dedicated to effectively provide our water management services that meet or exceed our customers' requirements, expectations and conformance to all quality parameters required by the international and statutory standards.

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.

ABOUT THE COVER

It features "Peter the Plumber" of CWD symbolizing dedication and technical expertise, surrounded by real-life images highlighting CWD's infrastructure and operations—including the Annex Building Canlubang Extension Office, a water pumping system, and a modern septage vacuum truck. The design reflects CWD's continuous efforts in delivering clean, safe water and quality service to the community through innovation, teamwork, and sustainability.



WATERLIFE

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Message from the Chairperson of the Board

Greetings from the new set of the Board of Directors of Calamba Water District. We are receiving a huge number of satisfied comments and replies from customers and concessionaires regarding the current water service connections of CWD, as posted on our Facebook page. The important thing is that CWD always continues to provide the water service the public truly deserves in distributing and supplying safe, clean, and sustainable water. In continuing its mandated tasks, CWD is informing the public that the tap water from the faucet is very safe to drink. The installation of 10 units of UV-HOD (Ultra-Violet with Hydro Optic Disinfectant System) aims to maintain clean and potable water on nine (9) pumping stations in nine different Barangays.

CWD believes that access to safe drinking water is not only essential for promoting public health but also a basic human right. The installation of UV-HOD in the water supply prevents the transmission of waterborne pathogens and reduces the exposure of individuals to chemical and physical hazards that could be ingested through contaminated drinking water. It is apparent that the continuous development and refinement of policies and programs by the Board, which are geared towards minimizing the risks of contracting waterborne diseases, should be supported to provide optimal health services to all Calambeños.

Setting standards for drinking water establishes threshold limits for different impurities in drinking water. These limits are intended to minimize risk and therefore prevent deleterious health repercussions that result from lifelong exposure to these impurities through the consumption of water. UV-HOD filtration is indeed a great final barrier to protect from harmful bacteria and viruses that other types of filtration might miss. This is the ultimate goal of Calamba Water District, which is to provide safe, clean drinking water for everyone.

Ronald J. Pua

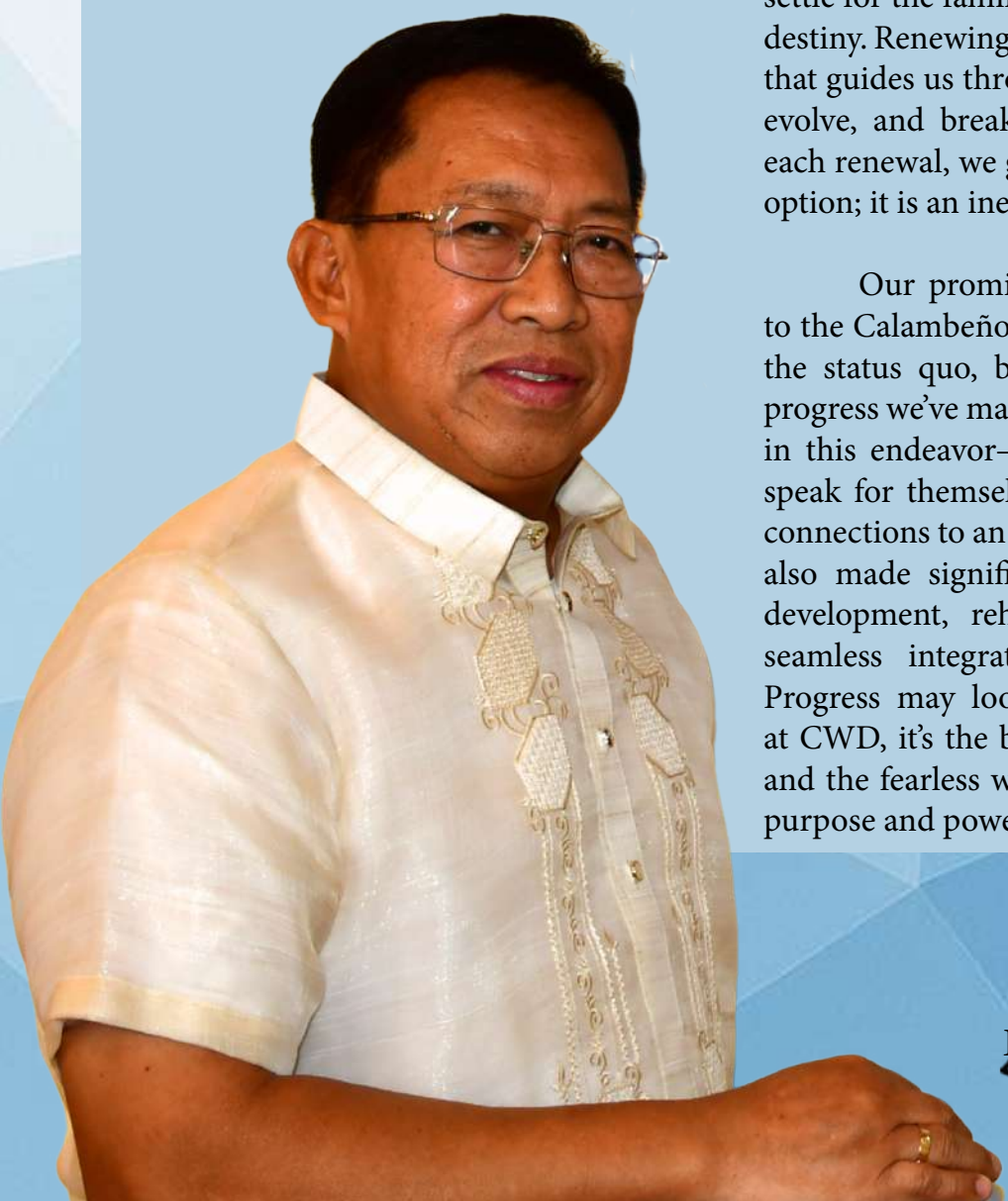
Renewing Commitment, Strengthening Service


Excellence is not a mere trait; it's the very essence of a heart that refuses to settle. It is the silent force behind every grand infrastructure, every accomplished project, and every received recognition. And it is the promise that we, the people of the Calamba Water District (CWD), carry with pride, a pursuit rooted in a lifelong commitment to delivering excellent public service that transcends time.

But excellence, like the water we deliver, needs constant renewal. It is not static. It is fluid, flowing with purpose, adjusting to the needs of an ever-evolving community. Renewal is essential to the district, to its people, and to the community we are serving. It allows us to reflect where we are now and points us boldly to where we should go. For 49 years, we have served the people of Calamba, not just with water, but with a promise: to deliver a high-quality service that ensures customer satisfaction by providing a continuous supply of potable water. CWD is not just an organization; it is a living testament to the power of unwavering commitment, proof that nothing is impossible to an organization that is tightly knitted to its core purpose and values. Calamba Water District is undeniably reaching greater heights through the heart of its leaders and people who know that CWD is destined for more, because Calambeño deserves more.

In this fast-paced world, we are aware that complacency is the enemy of progress. To settle for the familiar is to risk losing sight of our destiny. Renewing our commitment is the beacon that guides us through the storm, a call to adapt, evolve, and break through new barriers. With each renewal, we grow, and growth is not just an option; it is an inevitability.

Our promise to renew our commitment to the Calambeños is not just about maintaining the status quo, but also about celebrating the progress we've made. Progress becomes a partner in this endeavor—evident in the numbers that speak for themselves: from 1,100 active service connections to an impressive 75,000 today. We've also made significant strides in infrastructure development, rehabilitation projects, and the seamless integration of modern technology. Progress may look different for everyone, but at CWD, it's the bold defiance of the status quo and the fearless walk towards change, driven by purpose and powered by vision.

A portrait of Exequiel A. Aguilar, Jr., a middle-aged man with short dark hair and glasses, wearing a white traditional Filipino barong tagalog. He is looking slightly to the right of the camera with a neutral expression.


Exequiel A. Aguilar, Jr.
General Manager

Highlights NRW Strategies at 39th STAWD Convention

The 39th Annual Convention of the Southern Tagalog Association of Water Districts (STAWD) was held on January 29–31, 2025, at Bellevue Manila, Alabang, hosted by the Rizal Water District Association (RIZWADA). With the theme “Water Secure Region in a Changing Environment,” the event brought together water district leaders and industry experts across the region.

Calamba Water District General Manager Exequiel A. Aguilar Jr. was honored as a keynote speaker during the plenary session, where he shared CWD’s best practices in Non-Revenue Water (NRW) management. His presentation underscored the district’s commitment to reducing water losses and promoting sustainable water service delivery—earning recognition for CWD’s leadership in advancing water security.



Honored at 46th PAWD National Convention

The 46th Philippine Association of Water Districts (PAWD) National Convention was held on February 26–28, 2025, at the SMX Convention Center, Bacolod City, with the theme “Empowering Water Districts through Digital Transformation and Governance.” The event underscored the vital role of digital innovation and strong governance in modernizing water service delivery nationwide.

A key highlight was the recognition of Calamba Water District General Manager Exequiel A. Aguilar Jr. for his 10 years of exemplary service and leadership. His dedication has been instrumental in advancing CWD’s initiatives in innovation, efficiency, and sustainable water management.



CWD Hosts LAWA General Membership Meeting

Calamba Water District (CWD) hosted the Laguna Association of Water Districts (LAWA) General Membership Meeting on February 18, 2025, at the Laguna Hills Clubhouse, Brgy. Pansol, Calamba City. The event brought together representatives from eleven member water districts across Laguna.

A key highlight of the meeting was a presentation by Mr. Christopher Hedreyda, Provincial Information Center Manager of PIA Laguna, who shared valuable insights on enhancing the public image of local water districts—emphasizing the importance of effective communication and community engagement.



EDITORIAL



In every calamity, such as a typhoon, earthquake, drought, pandemic, or any other natural disaster that continuously changes the lives for the worse of our fellow Calambeños, an immediate action plan is necessary. At present, Calamba Water District, on its part, is formulating for the implementation of a device strategy called an Emergency Response Plan, which is far different from its former Disaster Risk Management Plan. An emergency response plan is a documented strategy outlining how to respond to various emergencies. This plan includes procedures for immediate actions, evacuation protocols, communication strategies, and recovery efforts post-event. The goal is to establish a clear and organized response that reduces chaos and confusion during emergencies.

On February 10 to 12, 2025, GM Jun Aguilar, Engr. Novillos and E. Capulong attended a 3-day workshop on drafting an Emergency Response Plan held in Villa Isabel Hotel at Sorsogon City, Sorsogon, organized by the Philippine Association of Water Districts (PAWD). It is a worthwhile and eye-opening event considering that Calamba City has experienced in the past the onslaught of super typhoons like Milenyo and Ondoy, including the deadly COVID pandemic. We learned that there are benefits to having an actionable Emergency Response Plan.

First, it enhances safety and preparedness, in which a well-prepared organization can respond more effectively, minimizing injuries and loss of life. Second, it reduces damage and loss, which means a quick response can reduce property damage, reducing recuperation time and costs. And third, it builds confidence and morale, knowing that there is a plan in place can boost confidence among employees, students, or community members, leading to lower anxiety in times of crisis.

In an era where the frequency of emergencies is rising, having a comprehensive emergency response plan is more important than ever. By investing time and resources into creating a tailored ERP, organizations can safeguard lives, minimize damages, and ensure their readiness in the face of crisis. Ultimately, a proactive approach to emergency preparedness lays the foundation for a resilient future.



Emanuel B. Capulong
Emanuel B. Capulong
 Editor-in-Chief

Calamba Water District Welcomes New Board of Directors

by: John Norman L. Tidon



Dir. Alicia V. Llamas, PhD., EdD.



Dir. Bryan A. Ercia

Joining the CWD Board of Directors are Mr. Bryan A. Ercia and Dr. Alicia V. Llamas, both bringing with them extensive professional experience and strong dedication to public service.

Mr. Bryan A. Ercia holds a Bachelor of Science degree in Electronics and Communications Engineering from Colegio de San Juan de Letran–Calamba. He has a solid professional background with notable experience in technical management and operations. His expertise is expected to contribute significantly to the advancement of CWD’s operational initiatives and technological improvements.

Dr. Alicia V. Llamas graduated with a degree in Education from Luzonian College and a doctorate in education management has built a robust career in education. Her technical Acumen and leadership skills are seen as valuable assets in ensuring the continued expansion and enhancement of CWD’s services and facilities.

Both new directors have expressed their commitment to upholding the vision and mission of CWD, focusing on sustainable development, service excellence, and community engagement.

With a blend of seasoned experience and fresh perspectives, the new Board composition promises to steer Calamba Water District toward greater achievements. As CWD continues to innovate and expand its services, the leadership transition marks a new chapter in strengthening the District’s commitment to delivering reliable, safe, and sustainable water services to the people of Calamba.

Honoring Outgoing Directors



Dir. Ervy Y. Mercado



Dir. Cynthia A. Meneses

Director Ervy Mercado, who dedicated 12 years of exemplary service to CWD, served from 2013 to 2024. Throughout his tenure, Director Mercado held various leadership roles, culminating in his appointment as Chairperson of the Board from 2022 to 2024. His stewardship significantly contributed to the agency's growth and commitment to providing quality water service to the community.

Meanwhile, Director Maria Cynthia Meneses rendered 4 years and 3 months of dedicated service from October 1, 2020, to December 31, 2024. As Treasurer throughout her term, Director Meneses played a vital role in ensuring the financial stability and accountability of the organization. Her expertise and prudent financial management strengthened the fiscal operations of CWD.

The Calamba Water District extends its deepest gratitude to Directors Mercado and Meneses for their outstanding contributions, leadership, and unwavering commitment to public service.

CALAMBA WATER DISTRICT RECOMMENDED FOR MAINTENANCE OF CERTIFICATE UNDER ISO 9001:2015

by: Geraldine G. Manguiat

Calamba Water District (CWD) continues to raise the bar in public service delivery as it successfully passed the ISO 9001:2015 surveillance audit conducted on December 21, 2024. The audit was led by TÜV Nord Philippines, with Audit Team Leader Ms. Maria Luisa Sitchon and auditors Ms. Eden Manuis and Mr. Gerard Cayetano. Their recommendation to maintain CWD's ISO certification affirms the district's consistent adherence to international standards in quality management, operational efficiency, and customer satisfaction.

This achievement is a reflection of CWD's sustained efforts to institutionalize a culture of excellence across all levels of the organization. It underscores the district's proactive stance in aligning its systems, processes, and service delivery with the core principles of ISO 9001:2015 customer focus, leadership, engagement of people, process approach, improvement, evidence-based decision-making, and relationship management. Looking ahead, CWD is set to conduct its first Internal Quality Audit (IQA) for 2025 from June 4 to 6. The IQA serves as a critical mechanism for evaluating the effectiveness and integrity of the district's Quality Management System (QMS). This internal assessment will cover various departments and operational units, aiming to verify compliance, identify nonconformities, and highlight areas for continual improvement. It will also ensure that the organization remains responsive to evolving customer needs and compliant with statutory and regulatory requirements.

Beyond compliance, CWD's ISO journey reflects a broader organizational mission: to provide safe, sustainable, and high-quality water services to the people of Calamba with integrity, transparency, and professionalism. By upholding ISO standards, CWD continues to strengthen public trust, improve service delivery, and drive operational excellence.

The successful outcome of the 2024 surveillance audit and the district's readiness for its 2025 internal audit reaffirm CWD's unwavering commitment to continuous improvement. These quality initiatives not only preserve the organization's ISO 9001:2015 certification but also solidify its reputation as a forward-looking, performance-driven, and customer-focused public utility.



The New Two-Storey Extension Office Building of Calamba Water District

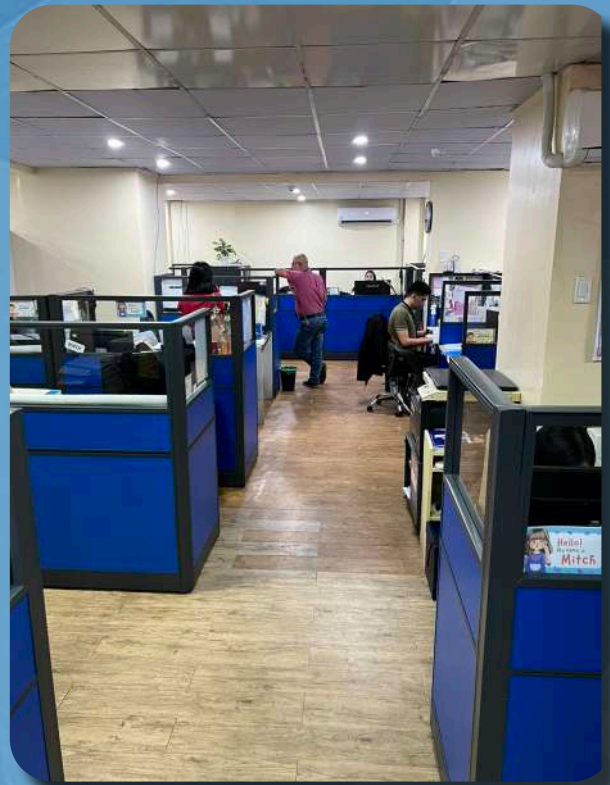
Calamba Water District (CWD) recently completed the construction of a modern, state-of-the-art two-storey extension office building. This new facility offers significant benefits to employees by providing a more conducive work environment.

This innovative project addresses the growing number of office employees and complies with the Local Water District (LWD) Management Control Requirement (MaCRO). It offers additional office space for the Administrative, Finance, and Commercial departments, as well as dedicated rooms for a clinic, utility services, a union office, a PABX system, electrical installations, and more comfortable rooms for both employees and customers.

The two-storey extension aims to enhance employee productivity by providing a pleasant, stress-reducing workspace aligned with Civil Service Commission requirements for customer service excellence. The new workspace fosters a comfortable, safe, and ergonomically designed environment that promotes both physical and psychological well-being, ensuring compliance with safety standards and regulations.



by: Engr. Rolando Baro



Major Expansion and Rehabilitation of Water Main Distribution Lines from Bucal to Bagong Kalsada

In line with its commitment to provide 24/7 potable water to Calambeños, Calamba Water District is undertaking a major expansion and rehabilitation project worth Php39.712 million.

Spanning 4,877 linear meters from Barangay Bucal to Bagong Kalsada, the project addresses recurring leaks, replaces dilapidated pipes, reduces non-revenue water (NRW), and improves water pressure. This initiative will benefit approximately 7,300 water connections across Barangays Bucal, Pansol, Bagong Kalsada, Sucol, and Masili.



A Problem and Resolution of High-Water Pressures within Calamba Heights Subdivision

Calamba Water District successfully completed the drilling of a 200-meter-deep production well inside Calamba Heights last year. However, the district faced challenges in managing high water pressure levels within the area, ranging from 50 to 140 psi. This excessive pressure caused frequent bursts and leaks in the distribution and service lines, prompting immediate repairs.

To address this, Calamba Water District and Calamba Heights Subdivision signed a Memorandum of Agreement (MOA) to implement a sustainable solution. In December 2024, the installation of pipes, fire hydrants, air release valves, and other appurtenances began to divert excess water outside the subdivision. This project aims to reduce pressure levels, maximize the use of excess water, and help supply water to Barangay Real in Calamba City.



The project is currently 95% complete, with final interconnection activities ongoing, and is expected to be finished by March 2025.

Calamba Water District extends its gratitude to Calamba Heights Subdivision for their unwavering support and cooperation.

2025 Expansion and Rehabilitation of Water Main Projects of Calamba Water District

Aligned with its mission to ensure a 24/7 supply of potable water, Calamba Water District has allocated a budget for expansion and rehabilitation projects in 2025. These projects aim to reach unserved areas, improve water pressure, and replace defective meters.

Project	Cost (P)	Target Completion
Expansion of distribution and service lines in various areas (Doña Petra & Regina, Lourdes, Rodriguez Village, Southlake Garden Subd, Bucal)	2,100,000.00	December 2025
Expansion and Rehabilitation (Calamba Heights, Brgy. Real)	268,000.00	1st Quarter 2025
Relocation of Water Meters (Southville Subdivision, Brgy. Kay-Anlog)	2,100,000.00	December 2025
Installation of Fire Hydrants (various barangays)	1,500,000.00	December 2025
Installation of Isolation Valve at Bucal Pumping Station	3,806,530.43	December 2025
Rehabilitation of 6 Pumping Stations	3,100,000.00	December 2025
Supply and Delivery of Water Meters	16,626,600.00	2nd Quarter 2025
Procurement of Construction and Heavy Equipment	2,470,045.45	2nd Quarter 2025

These projects reflect CWD's ongoing commitment to customer satisfaction through improved service delivery.

New Water Refilling Station of Calamba Water District Using Advanced Technology

by: Engr. Rolando Baro

Calamba Water District has successfully launched its new water refilling station, utilizing cutting-edge technology to enhance water safety and service quality.

This project aims to supply bottled water for the district's operational needs, serve external customers, and support community events as part of its Corporate Social Responsibility (CSR) initiatives.

The station uses an ultraviolet (UV) hydro-optic disinfection system, which effectively inactivates waterborne pathogens without altering the water's taste or odor. UV water treatment is cost-effective, chemical-free, and environmentally friendly. It also assists in de-chlorination, de-ozonation, and the removal of organic compounds, producing ultra-pure water (UPW) of the highest quality.



Calamba Water District Responds to Fire Incidents in Barangay Bucal and Barangay San Juan

by: Engr. Rolando Baro

Calamba Water District (CWD) responded swiftly to fire incidents that occurred on January 15 and 17, 2025, in Barangays Bucal and San Juan, Calamba City.

The Disaster Management Team and leak crews acted immediately by opening nearby water sources and fire hydrants to control and minimize the fires while awaiting further support from the Bureau of Fire Protection (BFP). Their heroic actions helped bring the situation under control within minutes.

In recognition of their quick response and extraordinary service, the CWD management, through the Praise Committee, awarded Certificates of Appreciation and tokens to the responders during the flag ceremony. These efforts exemplify CWD's ongoing commitment to its Corporate Social Responsibility (CSR) and the safety of the Calamba community.

Congratulations to CWD, the Disaster Management Team, and all awardees!



PMMD Marks Milestone with 12th and 13th Batch of Disposal of Unserviceable Properties



by: John Norman L. Tidon



In a significant stride toward achieving its 2025 Objectives, Targets, and Plans (OTP), the Administrative Department's Property and Materials Management Division (PMMD) completed the disposal of its 12th and 13th batch of unserviceable properties on March 31, 2025, and June 27, 2025, respectively.

In line with its commitment to dispose of 100% of obsolete, defective, and unserviceable Property, Plant, and Equipment (PPE) and semi-expendable materials, PMMD facilitated the sale of eight (8) unserviceable service vehicles and 1,731 pieces of various defective water meters. The assets, with an appraised value of Php 499,763.93, were sold for Php 520,000.00, exceeding expectations. Calamba Metal Steel Trading emerged as the highest bidder for the lot in its 12th batch of disposal. While the same scrap buyer was awarded the 13th disposal, being the lone bidder with a bid price of Php 502,000.00 from the appraised value of Php 499,845.18.



The 12th disposal process was witnessed and validated by Mr. Daryl Jay A. Medina of the Commission on Audit (COA), whereas on the 13th, Mr. Medina accompanied the newly assigned COA Team Leader, Ms. Rhiza S. Cerrado, along with members of the CWD Scrap Disposal and Appraisal Committee, ensuring transparency and compliance with government regulations.

Since initiating the disposal program in 2022, PMMD has now completed a total of thirteen (13) batches, generating Php 7,207,188.12 in revenue for the Calamba Water District (CWD). These funds contribute to optimizing CWD's asset management and funding future operational improvements.

This milestone was made possible through the leadership of PMMD Division Manager Ms. Remedios L. Marfori, with the supervision of Mr. Rolando M. Pizarra and Mr. Geminiano A. Gevaña Jr. The CWD Scrap Disposal and Appraisal Committee, chaired by Mr. Edwin L. Cartago, also played a crucial role in ensuring the successful and accountable implementation of the disposal activities.

Another batch of unserviceable properties is scheduled for disposal in the third quarter of 2025, as PMMD continues to move forward in meeting its full asset disposal targets for the year.



A Water Resource, Resolved!

by: Noel B. Capulong

The San Juan River in Calamba City, also known as the Calamba River, is a river system in Calamba City, Laguna, and one of the 21 main rivers that flow into Laguna de Bay. Along with the San Cristobal River, it is one of the two major rivers of Calamba City that flows directly to Laguna de Bay, in which its watershed area also covers the municipalities of Santo Tomas, Tanauan, and Malvar in Batangas.

In this context, the National Irrigation Administration (NIA) has made and entered into a Memorandum of Understanding (MOU) with Calamba Water District (CWD), to conduct a water source development study in San Juan River Dam at Brgy. Turbina, Calamba City. This includes the study for the construction of multi-purpose water resource projects designed primarily for irrigation, and secondarily for hydraulic power development and other uses such as flood control, drainage, land reclamation, domestic water supply, roads and highway construction, and reforestation of the San Juan River within Calamba City.





The Laguna Lake Development Authority (LLDA) conservation efforts for rivers, as major tributaries, in the watersheds of Laguna de Bay, have been remarkable and led to the creation of the Laguna de Bay River Basin Councils, of which Calamba Water District is one of its members, which primarily focuses on Water Quality Management. On the issue of pollutants in the river, which affects the water quality of Laguna Lake as well, it is high time that Calamba Water District takes the initiative in the preservation and utilization of the San Juan River. Such a move is not only critical but also beneficial to the residents, even for commercial and industrial establishments in that area near the San Juan River.

The CWD, in its effort to have a viable surface water source, will conduct a study to identify any excess water from the NIA main irrigation at the San Juan River that could be extracted for potable water use after the irrigation needs of the farmers are met. Additionally, CWD shall undertake the aforementioned studies at its own expense, with no cost to NIA, to determine the financial, socio-economic, and technical viability, as well as the most cost-effective development, construction, and operation. Such a partnership will be the turning point in establishing the true outcome for the beneficial use of the water source from the San Juan River.



Second Salary Tranche for 2025 Under the Salary Standardization Law (SSL)



by: Reynet Khan

The second salary tranche for 2025, under the Salary Standardization Law (SSL), officially took effect on January 1, 2025. This adjustment is part of the four-year salary adjustment plan outlined in Executive Order (E.O.) No. 64, which commenced in January 2024. The plan aims to provide fair and gradual salary increases for public sector workers across various government positions.

A notable feature of this salary tranche is the variation in the percentage increases across Salary Grades (SGs). Employees in lower SGs will experience a higher percentage increase to help address wage disparities. This structure ensures that lower-salaried employees benefit proportionally more, supporting greater income equity among government workers.

The SSL is designed to establish a structured and equitable approach to wage increases, reflecting the government's commitment to recognizing and supporting the efforts of public servants. It also serves as a gesture of gratitude for their invaluable contributions to the nation.

For Calamba Water District (CWD) employees, the 2025 salary adjustments were reflected in the payroll for February 16–22, 2025. Employees also received back pay equivalent to one and a half months, aligning with the SSL's prescribed adjustments. In addition, premium variances for January 2025—covering GSIS, PhilHealth, and SSS (for voluntary contributions)—were collected accordingly.

This salary increase reinforces the government's dedication to improving the welfare of public servants, ensuring that their compensation remains competitive, fair, and reflective of their essential role in nation-building.

Productivity-Based Bonus (PBB) for Calendar Year 2023

The Productivity-Based Bonus (PBB) for Calendar Year (CY) 2023 was credited to all regular employees of the Calamba Water District (CWD) on February 14, 2025. The incentive, based on CWD's performance rating for 2023, was equivalent to 65% of each employee's monthly salary as of December 31, 2023.

CWD employees extend their sincere gratitude to the members of the Board of Directors for their swift action in expediting the approval process, which ensured the timely release of this incentive.

The PBB grant was authorized by the Local Water Utilities Administration (LWUA) following a thorough review of CWD's compliance with the documentary requirements specified in DBM-LWUA Joint Memorandum Circular No. 2023-1, dated December 29, 2023.

This bonus is designed to recognize and reward the hard work, dedication, and contributions of government employees. By incentivizing exceptional performance, the PBB aims to further enhance the efficiency and effectiveness of government agencies in delivering quality public service. Moving forward, CWD remains committed to meeting and exceeding performance targets to ensure that employees continue to receive the highest possible incentives while delivering excellent service to the public.

COA Commends CWD for Improved Audit

by: Reynet Khan

The Commission on Audit (COA) officially commenced its annual audit of Calamba Water District (CWD) for fiscal year 2024 on January 27, 2025, with State Auditor IV Mr. Mariel T. Lanuza as Team Leader and State Auditor, I Mr. Darryl Jay A. Medina as team member.

During the Audit Exit Conference held on March 7, 2025, COA presented only two (2) Audit Observation Memoranda (AOMs) for the year, marking a significant improvement from the thirty (30) AOMs issued in 2023. This substantial reduction reflects CWD's strengthened compliance, effective internal controls, and commitment to implementing corrective measures.

COA also reported notable progress in the Status of Implementation of Prior Year's Audit Recommendations (SIPYAR) 2023, with 22 out of 30 recommendations (73.33%) fully implemented and the remaining 8 (26.67%) currently in progress. CWD was commended for achieving the highest implementation rate among water districts in Laguna, underscoring its dedication to transparency, accountability, and good governance.

Moving forward, CWD aims to sustain this momentum by further minimizing audit findings and addressing operational concerns, particularly the reduction of Non-Revenue Water (NRW), a recurring audit focus. The agency reaffirms its commitment to continuous improvement in service delivery and regulatory compliance.



by: Mitch Mendoza

The Long Wait Is Over: Medical Allowance

On February 13, 2025, the Calamba Water District (CWD) officially adopted its Internal Rules and Guidelines for the grant of a Medical Allowance, amounting to a maximum of Php 7,000 per employee. This move aligns with the provisions of the Department of Budget and Management (DBM) Budget Circular No. 2024-6, dated December 12, 2024.

Under the newly established internal rules and guidelines, the medical allowance will be available in two forms. Employees may choose between an HMO-type coverage provided by the organization—with an option to opt out and select their own HMO plan or receive the allowance in cash. The cash option can be used to renew personal HMO coverage or maintain an existing HMO plan under their working parents' or children's coverage, provided it covers all or part of the fiscal year during which the allowance is granted.

To claim the allowance, employees must submit proof of HMO enrollment or availment. Acceptable documents include, but are not limited to: (1) a photocopy of the identification card issued by the HMO provider, or (2) a certification of membership issued by the HMO provider.

Moreover, employees are not required to refund any unused amount if the cost of their chosen health benefit is less than Php 7,000. Employees who have not yet enrolled with an HMO provider are encouraged to do so and must submit the necessary documentation to claim the allowance.

Starting March, the allowance has been distributed in batches to eligible CWD employees, based on their timely submission of the required documents.

Indeed, what was once a distant dream for many government employees has now become a tangible reality. The rollout of the Medical Allowance represents more than just financial support; it stands as a testament to the value placed on employee health and well-being. As Secretary Pangandaman aptly put it, "It's not just a benefit; it's a vital investment in safeguarding a healthy workforce and ensuring that they perform at their best."



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Gender and Development

by: Geraldine G. Manguiat

Gender Equality Through “Walk in Her Shoes”

Men March in Heels for Women’s Empowerment

In a powerful show of solidarity and empathy, Calamba Water District (CWD) held its annual “Walk in Her Shoes” on March 10, 2025, as part of the National Women’s Month celebration. With the theme “*Kababaihan ng CWD, Kaagapay sa PaghahanGAD ng Masayang Bukas para sa Bagong Pilipinas*,” the event highlighted the struggles women face daily, symbolized by male employees walking in high heels.

Despite the rainy weather, the energy was unshaken as participants paraded from Puregold Halang with laughter and cheer. General Manager Mr. Exequiel A. Aguilar Jr., the Board of Directors, and GAD TWG Chairperson Ms. Maria Carmela Elepano opened the program with words of encouragement and a call for continued advocacy for women’s rights.

The highlight of the event was the lively “Modeling Walk” competition, where male participants strutted in heels and shared empowerment statements, showing courage and compassion for the challenges women endure. Prizes were awarded in various fun categories, adding excitement to the advocacy-driven day.

More than a celebration, the event was a call to action, raising awareness about gender inequality, gender-based violence, and the need for inclusive and respectful workplaces. CWD reaffirmed its commitment to gender-responsive governance, proving that true empowerment involves both women and men walking together—sometimes, even in heels for a more equal tomorrow.



Kababaihan ng CWD, Kaagapay sa PaghahanGAD ng Masayang Bukas para sa Bagong Pilipinas



Mental Health Talk and “Harana Kay Juana”

Health Awareness session and an uplifting acoustic performance

Calamba Water District (CWD) hosted a meaningful Mental Health Awareness session and an uplifting acoustic performance titled “Harana Kay Juana” on the first floor of its main office, bringing together female employees and customers in a shared space of care and celebration.

Company physician Dr. Marc Angelo V. Dolar led the health talk, focusing on the signs, causes, and distinctions between depression and anxiety. He emphasized the importance of mental well-being and encouraged attendees to seek help when needed, reinforcing CWD’s commitment to holistic employee wellness.

Following the talk, guests were serenaded by Himig Handog Musika finalist Francis Contemplacion, whose acoustic set created a heartwarming ambiance. The performance resonated throughout the premises, with employees and customers joining in, turning the session into a celebration of unity and empowerment.

These activities reflect CWD’s ongoing Gender and Development (GAD) efforts and align with the national theme “Babae sa Lahat ng Sektor, Aangat ang Bukas sa Bagong Pilipinas.” Through such initiatives, CWD continues to champion women’s rights, mental health awareness, and inclusive community engagement.



Empowers Employees Through Seminar on Safe Spaces Act

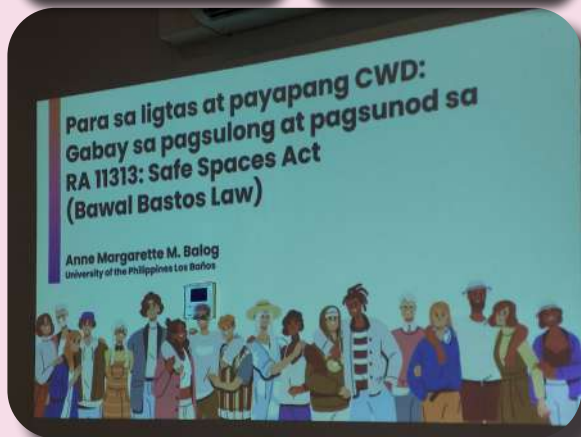
Para sa Ligtas at Payapang CWD

Calamba Water District (CWD) held a two-batch seminar on Republic Act 11313, or the Safe Spaces Act, last March 14, 2025, at the 5th Floor Multipurpose Hall. Attended by both office-based and field employees, the event underscored CWD’s commitment to fostering a safe, inclusive, and gender-sensitive workplace.

Dr. Bleshe L. Querijero of the Philippine Commission on Women discussed key laws addressing gender-based violence, including the Anti-Sexual Harassment Act, Anti-Rape Law, and Anti-VAWC Act.

Former CWD employee Ms. Anne Margaret M. Balog followed by an in-depth discussion on the Safe Spaces Act, highlighting the distinction between the workplace and public sexual harassment and stressing the responsibilities of employers and employees in prevention.

Participants actively engaged in the sessions, sharing insights and reinforcing their commitment to creating a harassment-free workplace. The seminar marks another milestone in CWD’s efforts to promote gender awareness and ensure the safety and dignity of every employee.



Gender and Development

by: Geraldine G. Manguiat

Empowering Women Through Art

Canvas Drawing Competition

With the compelling theme “Sa Babaeng may Lakas, Bukas ay Angat”, the event became a vibrant showcase of creativity, advocacy, and empowerment through art.

The competition brought together the artistic talents of employees. Highlighting the rising power of women in our society. Each artwork reflected the core message of the theme, portraying women not just as pillars of strength, but as catalysts for a better tomorrow.

Emanuel B. Capulong was awarded 1st place for his exceptional and thought-provoking piece, which powerfully conveyed a woman’s journey from struggle to empowerment. His artwork stood out for its originality and depth, earning high praise from both judges and the audience.



CWD Boosts Wellness and Empowerment Through “Zumba ni Juana”

The early morning session, led by a licensed Zumba Instructor Cristina Gonzales brought together CWD employees, customers, and local fitness enthusiasts in a lively and engaging workout.

More than just a fitness activity, Zumba ni Juana promoted the importance of physical well-being in enhancing productivity and maintaining a balanced lifestyle. The event reflected CWD’s commitment to holistic wellness and aligned with the national theme “Babae sa Lahat ng Sektor, Aangat ang Bukas sa Bagong Pilipinas.”





Republic of the Philippines
DEPARTMENT OF HEALTH
Health Facilities and Services Regulatory Bureau



CERTIFICATE OF ACCREDITATION

Owner : Calamba Water District
Name of Facility : **CALAMBA WATER DISTRICT**
Type of Facility : Laboratory for Drinking Water Analysis
Location : Purok 4, Brgy. Bucal, Calamba City, Laguna
Accreditation Number : DOH053526
Validity of Accreditation : 07 July 2025 – 31 December 2027

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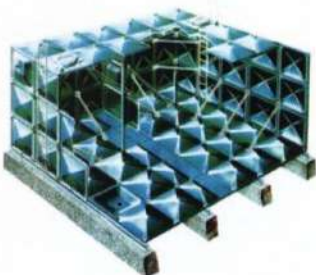


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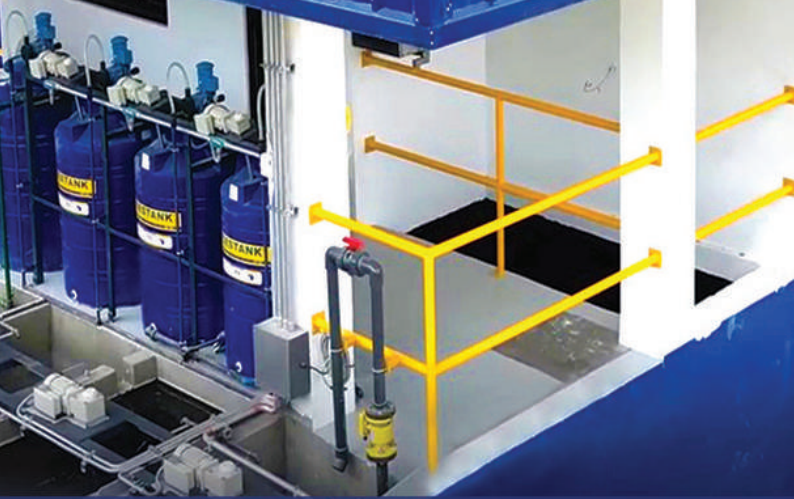
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BAYANIHAN IN ACTION FOR WATER AND CLIMATE RESILIENCE



by: Joseph Bernard B. Quiatchon

Water is a vital yet limited resource. As communities grow and the climate continues to change, the need to protect our water sources becomes more urgent than ever. Every year on March 22, the world observes World Water Day, a time to reflect on the importance of water and the actions we must take to preserve it.

This year's global theme, "Glacier Preservation," focuses on safeguarding the world's rapidly melting glaciers, which are critical sources of freshwater. While the Philippines is a tropical country far from icy landscapes, the impact of glacier loss affects us through rising sea levels, disrupted weather patterns, and intensified droughts. Our role in protecting glaciers lies in reducing water waste and minimizing our carbon footprint to help slow global warming.

In alignment with the international theme, the Philippines adopts a localized call to action: "Bayanihan sa Katubigan, Krisis sa Klima Labanan!" This emphasizes the power of collective effort in addressing both water security and climate change. The Filipino spirit of bayanihan, working together as one community, highlights the importance of shared responsibility in tackling the water and climate crises.



In support of this, Calamba Water District, in collaboration with the Laguna Association of Water Districts (LAWA) held a cleanup drive and tree-planting activity on March 25, 2025, in Brgy. Palo-Alto, Calamba City. Representatives from various departments came together to plant 70 trees, including calamansi, avocado, duhat, and langka, to help rehabilitate the area and protect local water sources. This activity not only supports reforestation but also strengthens CWD's commitment to environmental stewardship.

But the call to action does not end there. As a customer of Calamba Water District and as a consumer, you have the power to help ensure water security through simple yet impactful efforts. Preventing water loss starts with actions like fixing leaks, reporting illegal connections, and using water-efficient appliances. Practicing mindful water habits such as turning off taps when not in use, reusing rainwater, and supporting tree-planting efforts can significantly reduce household consumption and protect our watersheds. Moreover, adopting an eco-friendly lifestyle by conserving energy, avoiding single-use plastics, and supporting sustainable businesses helps mitigate climate impacts that contribute to glacier melting and water stress.

In the Philippines, where millions still lack access to clean water, every drop saved brings us closer to a water-secure future. By reflecting on our daily habits and making conscious efforts to conserve water, we not only support our local communities but also contribute to the global fight against climate change and the preservation of vital water sources like glaciers.

This World Water Day, let us be reminded: water conservation and climate resilience go hand in hand. Through bayanihan, we can protect this precious resource not just for ourselves, but for future generations.



EFFICIENCY IN MOTION: HOW PRESSURE-BASED VFD CONTROL REDUCED COSTS AND IMPROVED PERFORMANCE OF CWD



by: Engr. Nazelon Marfori

In 2024, the Calamba Water District (CWD) launched a bold initiative: a pilot implementation of pressure-based Variable Frequency Drive (VFD) control at the Punta Pumping Station, which operates with a single VFD unit. The project aimed to explore how real-time pressure feedback and smarter control strategies could significantly improve energy efficiency, reduce operational costs, and stabilize service performance.

This shift directly supports the Philippine Energy Efficiency and Conservation Act (RA 11285), which mandates energy-saving practices across government operations. Moreover, it aligns with two of the United Nations Sustainable Development Goals (UN-SDGs):

- SDG 6: Clean Water and Sanitation, by ensuring an efficient and equitable water supply, and
- SDG 7: Affordable and Clean Energy, by reducing energy consumption and promoting responsible energy use.

From Fixed Speed to Pressure-Based Precision

Historically, Punta Pumping Station used a fixed-speed VFD, and before that, a Reduced-Voltage Auto-Transformer (RVAT). Both systems resulted in frequent over-pressurization reaching as high as 145 psi, leading to energy waste and infrastructure strain.

With the transition to pressure-based control, the system now maintains a stable 40 psi. Motor speed adjusts automatically in real time to match water demand, ensuring only the necessary amount of energy is used minimizing over-pumping, preventing leaks, and extending equipment life.

Quantifiable Results: Energy and Cost Savings

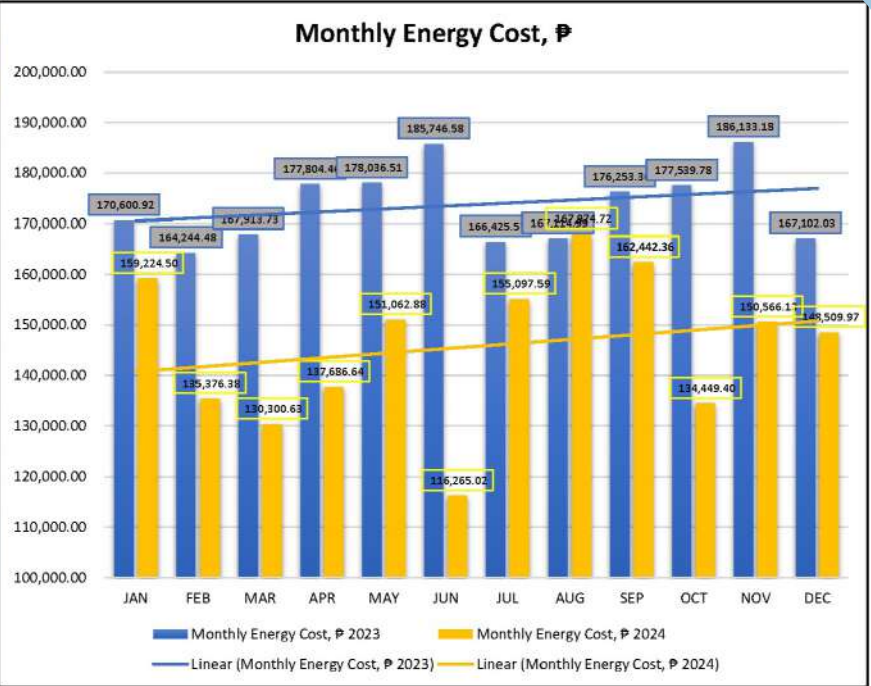
The outcome was striking:

- Energy consumption dropped by 36,142 kWh, a 16.5% reduction from 219,153 kWh in 2023 to 183,011 kWh in 2024.
- Electricity costs were cut by Php 335,959.37, or 16.1%, from Php 2,084,915.59 to Php 1,748,956.22.

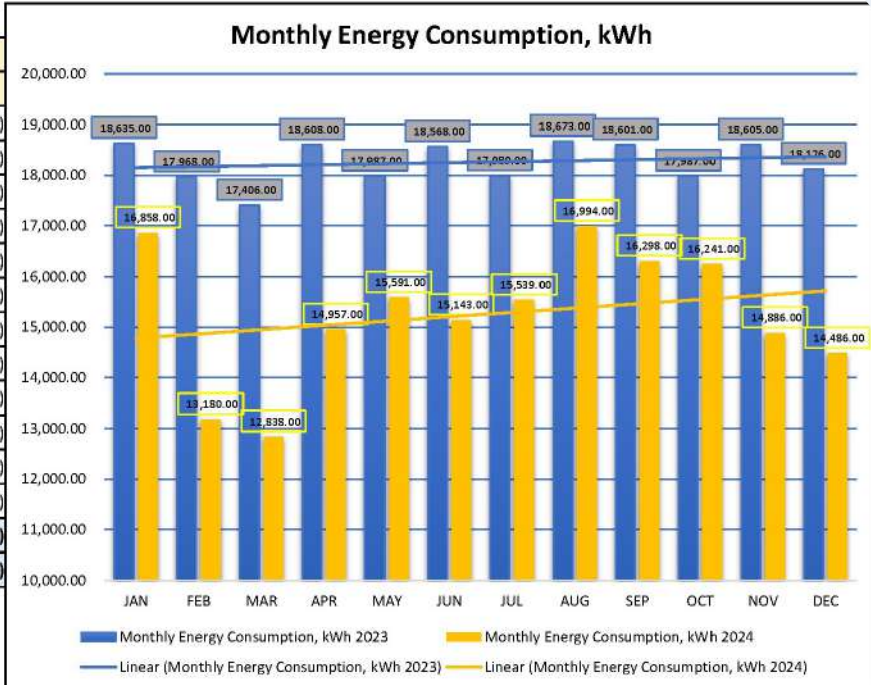
This equates to Php 27,996.61 in average monthly savings, affirming the value of adopting energy-efficient, demand-based control systems. These savings contribute directly to SDG 7 by reducing the energy intensity of water operations and promoting cost-effective energy use in the public sector.



Monthly Energy Cost, ₱			
YEAR	2023	2024	Difference
JAN	170,600.92	159,224.50	(11,376.42)
FEB	164,244.48	135,376.38	(28,868.10)
MAR	167,913.73	130,300.63	(37,613.10)
APR	177,804.46	137,686.64	(40,117.82)
MAY	178,036.51	151,062.88	(26,973.63)
JUN	185,746.58	116,265.02	(69,481.56)
JUL	166,425.57	155,097.59	(11,327.98)
AUG	167,114.99	167,974.72	859.73
SEP	176,253.36	162,442.36	(13,811.00)
OCT	177,539.78	134,449.40	(43,090.38)
NOV	186,133.18	150,566.13	(35,567.05)
DEC	167,102.03	148,509.97	(18,592.06)
TOTAL	2,084,915.59	1,748,956.22	(335,959.37)
AVERAGE	173,742.97	145,746.35	(27,996.61)



Monthly Energy Consumption, kWh			
YEAR	2023	2024	Difference
JAN	18,635.00	16,858.00	(1,777.00)
FEB	17,968.00	13,180.00	(4,788.00)
MAR	17,406.00	12,838.00	(4,568.00)
APR	18,608.00	14,957.00	(3,651.00)
MAY	17,987.00	15,591.00	(2,396.00)
JUN	18,568.00	15,143.00	(3,425.00)
JUL	17,989.00	15,539.00	(2,450.00)
AUG	18,673.00	16,994.00	(1,679.00)
SEP	18,601.00	16,298.00	(2,303.00)
OCT	17,987.00	16,241.00	(1,746.00)
NOV	18,605.00	14,886.00	(3,719.00)
DEC	18,126.00	14,486.00	(3,640.00)
TOTAL	219,153.00	183,011.00	(36,142.00)
AVERAGE	18,262.75	15,250.92	(3,011.83)



Pressure Control and Non-Revenue Water (NRW)

Improvements extended beyond energy. The pilot project also led to a reduction in Non-Revenue Water (NRW), a key performance indicator in water utility operations:

- Average NRW dropped from 29.88% to 26.73%, a 3.14% reduction.
- December saw the highest improvement, with NRW down by 10.39%, from 40.14% to 29.75%.

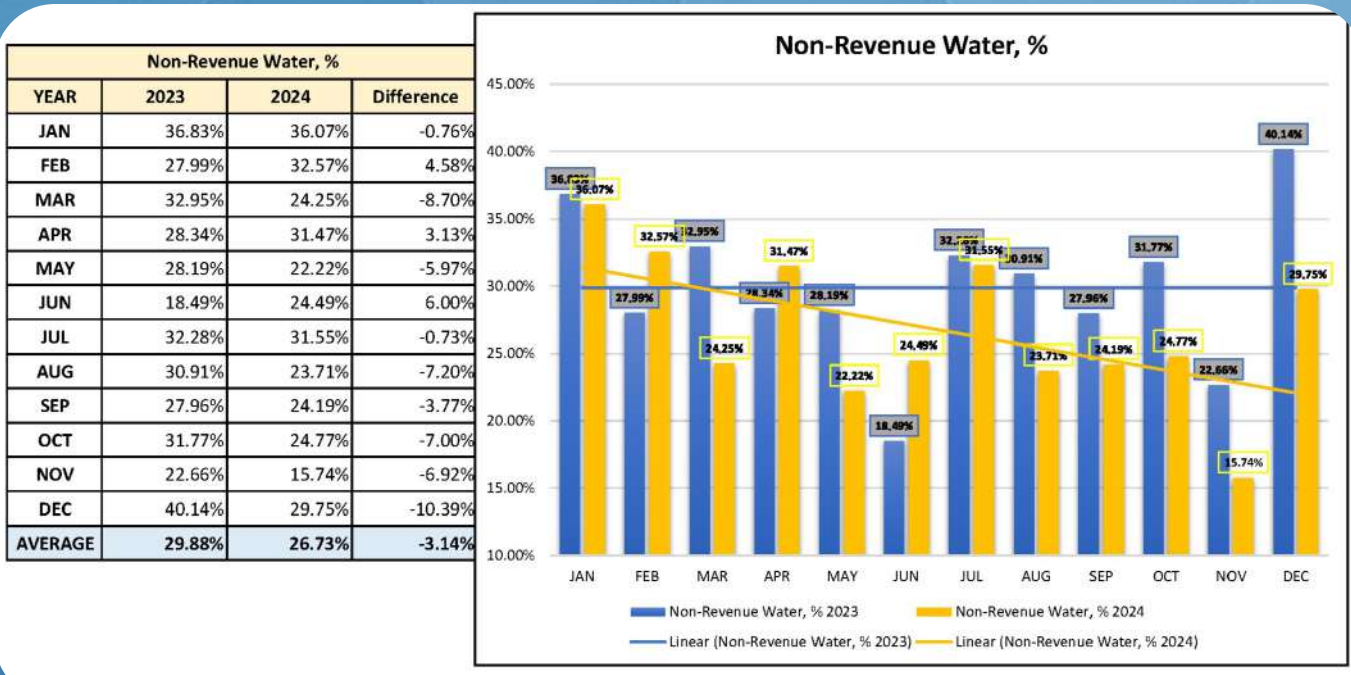
Stable pressure management significantly reduces system stress and leakage, ensuring more water reaches consumers and fewer losses occur. This contributes directly to SDG 6, which promotes sustainable water use and reduction of inefficiencies across water systems.

The success of the Punta Pumping Station pilot demonstrates the practical and scalable impact of adopting smart control technology in water utility systems. It is now being promoted as a model for modernization across the Calamba Water District’s operational network.

This initiative not only supports national compliance with RA 11285, but also reinforces CWD’s commitment to the global sustainability agenda under SDGs 6 and 7, improving water access and quality while minimizing energy use and operational costs.

Following the Punta pilot, three additional stations—Bubuyan, Don Jose, and Villa Palao Pump 2 have successfully transitioned from fixed-speed to pressure-based VFD control, laying the groundwork for a broader energy-efficient transformation of the district’s water infrastructure.

By implementing real-time, pressure-sensitive VFD systems, Calamba Water District is taking meaningful steps toward a resilient, sustainable, and service-oriented water system. It is a clear example of how local utilities can achieve national energy efficiency goals and contribute to global climate and development targets.



HONORING A LEGACY: RIZAL, CALAMBA WATER DISTRICT, AND THE CALL FOR WATER STEWARDSHIP IN A CHANGING CLIMATE



by: Henry Junio

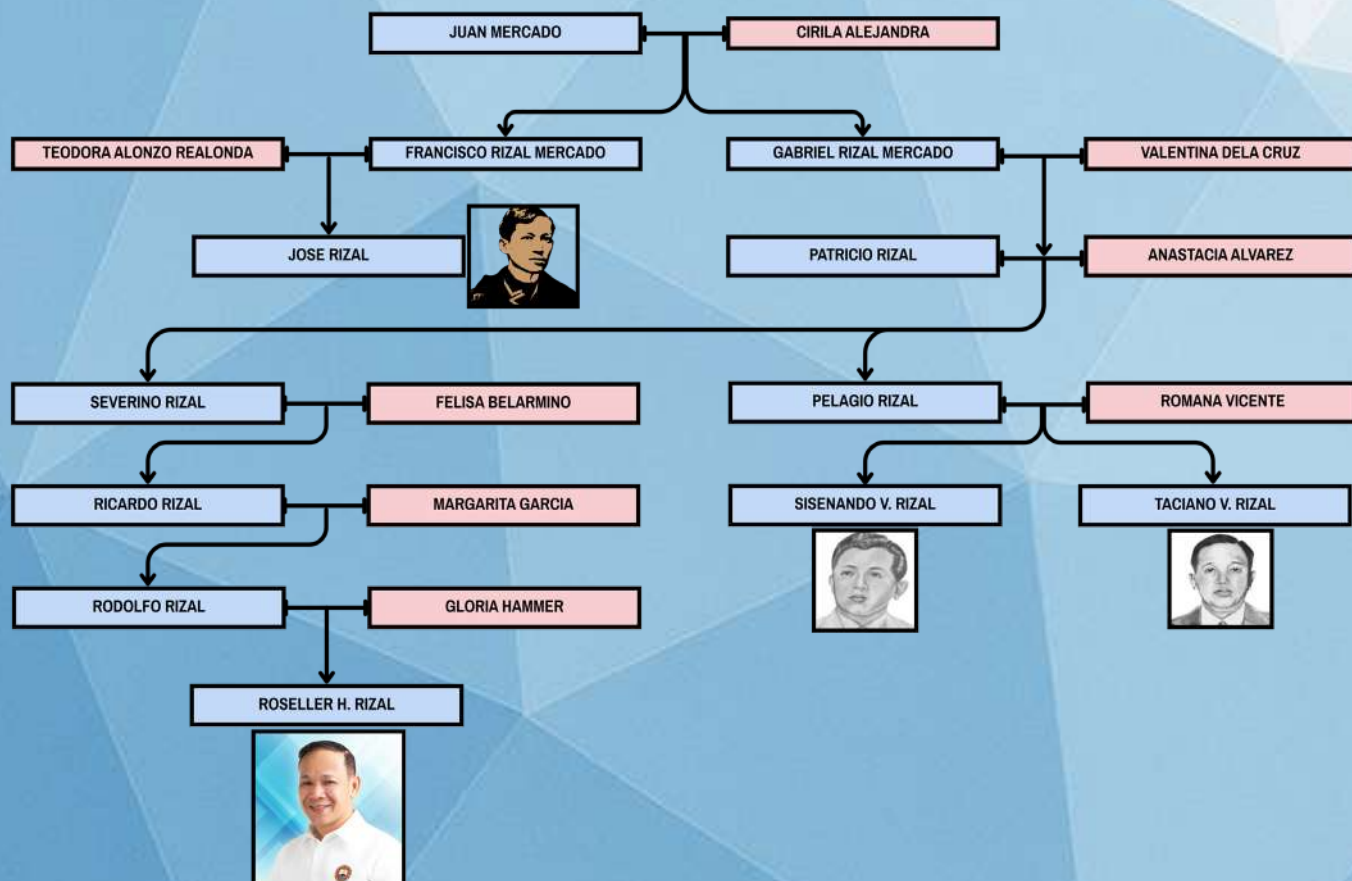
When we think of Dr. Jose Rizal, we often remember his brilliance as a writer, patriot, and martyr. But beyond his literary and revolutionary legacy lies a quiet yet profound contribution to nation-building—his design and construction of a water system in Dapitan, providing clean water to its people. This act of service reflects Rizal’s belief that progress begins with access to basic needs, especially water.

Fast forward to modern-day Calamba, where Rizal’s legacy flows not just through history books but through pipelines. In 1974, Mayor Taciano V. Rizal—a direct descendant of the Rizal-Mercado line—spearheaded the creation of the Calamba Water District (CWD) through Resolution No. 82, aligning with Presidential Decree 198. His leadership marked a pivotal moment in local water governance, ensuring a reliable and sustainable supply for a rapidly urbanizing city.

Today, that spirit of service continues through Mayor Roseller H. Rizal, who upholds the family’s enduring commitment to public welfare. But as we reflect on the progress made, we face an urgent dual crisis: climate change and water scarcity. Water matters now more than ever.

Carrying the Rizal Legacy Forward

The Rizal family’s story is not just about bloodlines; it’s about a mindset—one of service, sustainability, and foresight. In today’s context, this means embracing responsible water use, supporting eco-conscious policies, and investing in community-driven solutions such as recycling, rainwater harvesting, and conservation education.





DRIP BY DRIP, PESO BY PESO: HOW TO AVOID HIGH WATER BILLS



By: Joseph Bernard B. Quiatchon

An unexpectedly high water bill can be frustrating, but by practicing mindful water use and developing practical habits, customers can manage their consumption and avoid unnecessary expenses.

Detect and Prevent Leaks:

- Undetected leaks are a major cause of high water bills. Even small drips from faucets can waste thousands of liters annually.
- Check for hidden leaks by inspecting plumbing fixtures for damp spots, mold, or unexplained running water.

Conduct a water meter test:

- Turn off all water sources and observe if the meter still moves. If it does, there may be a leak.
- Consult a plumber for significant issues to prevent further water loss.

Practice Efficient Water Use:

- Turn off the tap while brushing your teeth, take shorter showers, and use a pail instead of a hose when washing cars.
- Fix leaks and broken fixtures immediately to avoid unnecessary water waste.
- Install water-efficient devices such as low-flow showerheads, faucet aerators, and dual-flush toilets to conserve water.
- Water plants early in the morning or late at night to reduce evaporation, and use rainwater for irrigation and cleaning.

Keeping track of monthly water usage is another important step in managing consumption. Customers can compare the reading on their billing statement with their actual water meter reading to monitor trends and detect any sudden spikes. Encouraging the entire household to be mindful of water use and participate in conservation efforts ensures long-term savings and sustainability.

It is also important to consider seasonal changes water consumption tends to rise during the hotter months and holiday seasons when more people are at home, leading to increased usage. By adopting smart and conscious water consumption habits, households can lower their costs while playing an active role in preserving the local water supply.



Did You Know?

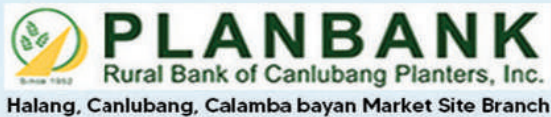
A leaky faucet that drips once per second can waste over 11,000 liters of water per year—enough to fill a small swimming pool!

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CWD HONORS DEDICATED EMPLOYEES FOR THE FIRST SEMESTER OF 2025

by: Mitch Mendoza

Service Awardees

In the first semester of the year, we proudly recognized five employees who reached significant milestones in their service to the public. These dedicated individuals came from various departments: Ms. Remedios Marfori from the Administrative Department, who celebrated 35 years of service; Mr. Noel Tolentino from the Technical Services Department, with 30 years of service; and three employees who each marked 25 years of service —Mr. Enrico Arambulo and Mr. Jonathan Rico from the Commercial Department, and Ms. Maribeth Gratela from the Finance Department.

35 Years in Service



Remedios Marfori

Administrative Department

30 Years in Service



Noel Tolentino

Technical Services Department

25 Years in Service



Jonathan Rico

Commercial Department



Maribeth Gratela

Finance Department



Enrico Arambulo

Commercial Department

20 Years in Service



Eduardo Lopez
Commercial Department

15 Years in Service



Bernardo Lazado
Technical Services Department



Andres De Claro
Operations Department



Emiliano Montealto
Operations Department



David Alcaraz
Operations Department



Dennis Esquivel
Operations Department



Reynante Elemos
Operations Department



Bernaldo Lumbres
Operations Department

Retirees

In a similar spirit of gratitude, a heartfelt gathering was held to honor two retirees: Ms. Ma. Lourdes Rimas of the Operations Department, who retired after 26 years of dedicated service, and Mr. Alberto Guinto, who rendered 27 years of service to the District. The event was attended by colleagues who had worked closely with them over the years. A special program featured heartfelt tributes, well-wishes, and a simple “salo-salo” (shared meal) as a warm and memorable send-off.

26 Years in Service



Alberto Guinto
Commercial Department

27 Years in Service



Ma. Lourdes Rimas
Operations Department

The Sense of Belongingness at Work: Why It Matters More Than Ever

By: Monette C. Alzona

In today's rapidly evolving workplace, creating a sense of belonging among employees is no longer a luxury; it is a necessity. Beyond salaries, perks, and job titles, what truly drives employee engagement, satisfaction, and productivity is the deep-rooted feeling of being valued, accepted, and respected by both the organization and their colleagues. A strong sense of belonging empowers individuals to bring their authentic selves to work without fear of judgment or exclusion. It goes beyond occasional team-building exercises; it requires cultivating a culture where every individual feels seen, heard, and appreciated.

A sense of belonging directly impacts employee performance and engagement. Employees who feel they belong are more motivated, collaborative, and more likely to contribute innovative ideas. They show greater commitment to their roles and are more willing to go the extra mile for their teams and the organization. Furthermore, belonging creates emotional safety, reducing feelings of isolation and disengagement, which in turn lowers stress levels and minimizes employee turnover and burnout.

Belonging is also a natural outcome of an inclusive workplace. When diversity is embraced and every voice is welcomed, employees from all backgrounds can thrive. This inclusive environment strengthens mental health by preventing anxiety, depression, and low morale that often accompany exclusion. Psychological safety, a critical element of belonging, allows employees to flourish, unless an individual chooses to isolate themselves by personal preference.

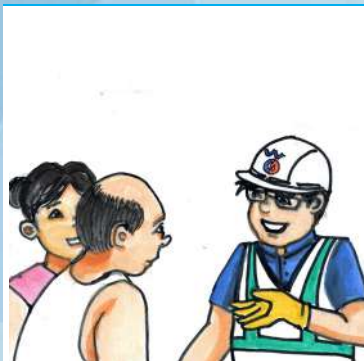
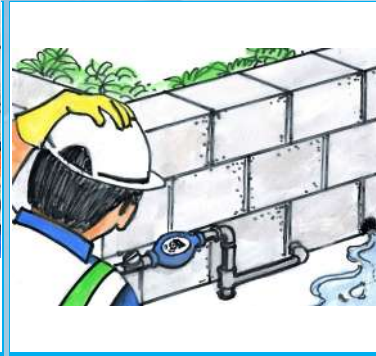
Organizations can strengthen belonging by taking concrete steps such as encouraging open communication, recognizing employee contributions, promoting inclusive leadership, creating safe spaces, and building trust. Open communication ensures employees feel safe sharing ideas and concerns without fear of retribution. Recognition, whether big or small, reinforces an employee's value to the team. Inclusive leaders who are empathetic, culturally aware, and approachable create environments where all team members can succeed. Supporting initiatives like employee resource groups and mental health programs also connects people beyond work tasks. Most importantly, trust must be consistently built through transparent policies, consistent actions, and fair treatment.

In conclusion, a strong sense of belonging benefits not only employees but the organization as a whole. It cultivates loyalty, drives higher performance, and builds a resilient organizational culture. As workplaces continue to evolve, prioritizing belonging is a powerful strategy to attract, retain, and empower top talent. After all, when employees feel they truly belong, they don't just work, they thrive.



PETER THE PLUMBER

BY: EDGAR M.



CALAMBA WATER DISTRICT

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Brgy. Canlubang, Calamba City

8:00 AM - 5:00 PM (Monday - Friday)

8:00 - 12:00 (Saturday)



Calamba Water District Introduces New Waterlife Editorial Board

By: John Norman L. Tidon

Vision for Waterlife

Under the leadership of the new board, Waterlife aims to expand its reach by covering a broader range of topics, including environmental advocacy, community service initiatives, employee development, customer service innovations, and water conservation efforts. The team also envisions utilizing digital platforms to make Waterlife more accessible to the public and to encourage active readership among employees and stakeholders.

Commitment to Excellence

CWD General Manager Exequiel A. Aguilar, Jr. congratulated the new editorial team, emphasizing the crucial role of Waterlife in promoting organizational transparency and employee engagement. "Through the dedication of the Waterlife Editorial Board, we are confident that the spirit of public service and excellence will continue to flow within every page of our publication," he said.

The Calamba Water District looks forward to a revitalized Waterlife, one that not only informs but also inspires its readers toward greater community involvement, environmental stewardship, and organizational pride.

The Calamba Water District (CWD) is proud to announce the appointment of the new Waterlife Editorial Board, tasked with leading the District's official publication into a new era of informative, engaging, and community-centered communication.

The newly appointed editorial team is composed of passionate individuals from various departments, each bringing unique expertise and creativity to the publication. Their primary mission is to ensure that Waterlife continues to serve as a vital platform for promoting transparency, sharing organizational milestones, highlighting employee achievements, and fostering a deeper connection with CWD's stakeholders and the broader community.

The new editorial board is composed of the following:

Editor-in-Chief: Emanuel B. Capulong

Associate Editor: Joseph Bernard B. Quiatchon

John Norman L. Tidon

Circulation and Marketing Manager: Maureen Rose Masa

Layout and Design Artist: Depro Mari L. Alinsunurin

Cartoonist: Edgardo D. Mangeron

Writers and Contributors:

- o Henry B. Junio
- o Engr. Rolando V. Baro
- o Engr. Nazelon J. Marfori
- o Shirmae Joy G. Magsino
- o Mitch D. Mendoza
- o Reyneth L. Khan
- o Geraldine G. Manguiat
- o Monette C. Alzona



COMPLETED SEPTAGE PROJECTS



Baliwag Septage Treatment Plant
WATER DISTRICT
120 m³/day

- Longest-running, active septage facility in PH
- Only septage facility that has completed its 2nd cycle



San Jose Del Monte
WATER DISTRICT
120 m³/day



Legazpi City
LOCAL GOVERNMENT UNIT
30 m³/day



Carmona
WATER DISTRICT
20 m³/day



Tanay
WATER DISTRICT
20 m³/day



Hagonoy
WATER DISTRICT
20 m³/day



Isabela City
WATER DISTRICT
10 m³/day



General Mariano Alvarez
WATER DISTRICT
15 m³/day



Metropolitan Naga
WATER DISTRICT
60 m³/day



Ormoc City
LOCAL GOVERNMENT UNIT
30 m³/day



Calamba
WATER DISTRICT
60 m³/day

OUR PRODUCTS

Water and Wastewater Treatment

- Alum Sulfate (Alum)
- Polyaluminum Chloride (PAC)
- Flocculants (Cationic, Anionic, Nonionic)
- Chlorine, Chlorine Dioxide, SDIC
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- Color and Odor Removal

For Boiler/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
- Evaporator Anti-Scale
- Liquid Alum/PAC



OUR PRODUCTS

- Chemical cleaning of boilers, evaporators, heat exchangers, etc.
- Operation and maintenance of water and wastewater treatment facilities
- Design, construction, and fabrication of:
 - Water and wastewater treatment plants
 - Water softeners, demineralizers, sand filters, activated carbon filters
 - Chlorine dioxide generators

Technology Expertise and Innovations, Incorporated (TEXIN, Inc.), is a fast-growing state-of-the-art technology provider for various industries. It is registered as a corporation on March 26, 2008 to cater technology applications mainly for the water industry. It is also engaged in an exclusive partnership with Atlantium Technologies (Israel), a leader in UV treatment solutions.



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HOD provides consistency, safety, and reliability any industry demands today and tomorrow.

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- ✓ Real time monitoring and control
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- ✓ No chemical disinfection by-products

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US FDA PASTEURIZED EQUIVALENT WATER

US EPA 4-log virus and 5-log microbial inactivation

- ✓ European Low Voltage Directive (LVD): 73/23/EEC (electrical safety)
- ✓ UL or CSA
- ✓ EC/99/93 (quality of water for human consumption)
- ✓ ISO 9001: 2008 Quality Management
- ✓ US Federal Performance Standards 40 CFR 141.720
- ✓ GOST Standards Institute, Russian Federation
- ✓ National Institute of Public Health, Poland
- ✓ Resolucion exenta No 2.327 del 31 de diciembre de 2010, en el marco de la Ley General de Pesca y Acuicultura

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