BAGUIO WATER DISTRICT 1975

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FROM THE GM'S DESK

SUSTAINABLE WATER MANAGEMENT FOR BAGUIO CITY



Water is life – and for a growing city like Baguio, making sure we have enough clean and safe water for everyone is more important than ever. With our population increasing and the effects of climate change becoming more evident, the challenges we face with water supply and quality are getting tougher. As our city continues to develop into a bustling metropolis, the need to manage this precious resource wisely becomes a top priority.

We can no longer rely on scattered or short-term solutions. We need a unified and well-planned approach that ensures water is available not just for today, but for generations to come.

The Clean Water Act of 2004 was made to protect our rivers, lakes, and underground water from pollution. If our water sources are clean, it is easier and safer to turn them into drinking water. While this law does not directly manage how water is delivered to our homes, it plays a big role in keeping our water sources safe so we can have a steady and reliable water supply for everyone. But to make this work well, local governments such as Baguio City need a solid, detailed plan or "master plan" for managing water.

For this to work, we need strong teamwork between the city government, the water district, other agencies, and our communities. We also need to invest in better facilities, modern technology, and climate-smart integrated solutions to improve how we collect, store, distribute, and treat water. This includes protecting our watersheds, upgrading our systems, and involving citizens in caring for our water resources.

For Baguio City to have a reliable and safe water supply in the years to come, the city government and the BWD need to work closely together to implement forward-thinking approaches. Sustainable water management means more than just having water today – it is about making sure future generations will also have clean and safe water.

Most importantly, we must protect our environment and involve the community in caring for our water sources. By combining good planning, strong partnerships, and active community participation, Baguio City can secure a future where everyone has access to clean, reliable water.

***(Sgd.)* SALVADOR M. ROYECA, CE, SE, MBA**
General Manager



BAGUIO WATER DISTRICT PLOTS WELL-DRILLING PROJECTS FOR 2025

IN ITS STEADFAST commitment to ensuring a reliable water supply for its stakeholders, the Baguio Water District (BWD) has laid out its plans for ten (10) new well-drilling projects in 2025. These initiatives aim to contribute an additional 20,000 cubic meters of water daily within the next two years, addressing the city's growing water demand.

BWD General Manager Engr. Salvador M. Royeca, in a recent interview, disclosed that approximately Php100 million has been earmarked for these underground exploration activities. The identified locations for the projects include Pinsao Pilot Project, M. Roxas, Bakakeng Norte, Guisad, Bengao, Lucnab, Ambuklao Road, Sto. Tomas Proper, Poblacion area in Tuba, Benguet, and a site within the Carantes Ancestral Forest along Loakan Road.

According to GM Royeca, the district will continue to be aggressive with the water source exploration activities as part of its long-term solutions to ensure the provision of potable water within BWD's service areas. He emphasized the district's proactive approach to addressing water supply challenges through aggressive exploration and development.

The progress in 2024 underscores BWDs capability to deliver on its promises. This year, the district successfully completed well-drilling projects in Gibraltar, Zigzag Kennon Road, Amparo, Balacbac, Ramsey–Bakakeng, Kadaclan–Loakan, Ferguson Road, South Drive, and Kisad–Montinola, with a total budget of approximately Php64 million.

With these developments, BWD continues to demonstrate its dedication to securing sustainable water resources for the residents of Baguio City and its surrounding areas.





BAGUIO WATER DISTRICT SET TO COMMISSION CIUDAD GRANDE PHASE 2 DEEPWELL



DRILL SITE. Baguio Water District General Manager Engr. Salvador M. Royeca inspects the Ciudad Grande 2 deepwell along Ciudad Grande, Bakakeng, Baguio City. The District anticipates the commissioning of the underground water source in April 2025 to augment operations during the dry season. -***BWD file photo***

BAGUIO Water District General Manager Engr. Salvador M. Royeca has announced the near completion of the Ciudad Grande Phase 2–Bakakeng deepwell project, with full commissioning expected by late February or early March.

The Php14.2-million water source exploration project, initiated on August 15, 2024, is now in its final phase, marking another significant milestone in BWD's efforts to enhance the city's water supply. This deepwell will be the second well-drilling project to be commissioned in 2025, following the successful launch of the Happy Glen deepwell in January.

Once fully operational, the facility will directly benefit concessionaires in BWD's Area 1 supply zone, including Monticello, Montibello, Ciudad Grande, Eagle Crest, and parts of Lexber, among others. It will also supplement the existing supply from the Lagman deepwell, improving water distribution, particularly in highly elevated areas where access to consistent water flow remains a challenge.



Through these infrastructure initiatives, BWD reaffirms its commitment to providing safe, adequate and sustainable water services, ensuring a reliable supply for the growing needs of the community. **-BWD**



BAGUIO WATER DISTRICT COMPLETES HAPPY GLEN DEEPWELL PROJECT

IN ITS COMMITMENT to continually improve services for its consumers, the Baguio Water District (BWD) proudly announces the successful completion of the Happy Glen Parallel Deepwell Project along Happy Glen, Salud Mitra, Baguio City, on December 31, 2024.

The project, which begun on July 7, 2024, was implemented with a budget over Php9.6 million. The new underground water source aims to address the water supply concerns in Salud Mitra Barangay and surrounding areas in the mid-western portion of the city, including Happy Glen, Jungle Town, Salud Mitra Barangay, Mabini Elementary School area, Valenzuela, Upper General Luna, Upper Leonard Wood, Upper Bonifacio Street, Laurel, Laurel Extension, Caguioa Compound, Cuesta Building, Session Road Area, Assumption Road, and parts of General Luna and Mabini Streets.



Initial pump tests showed that the deepwell yielded an impressive production of 300 gallons per minute (gpm), equivalent to approximately 1,635 cubic meters of water daily. This capacity is projected to benefit at least 4,000 active connections in the area.

The successful completion of the Happy Glen Parallel Deepwell Project represent a significant milestone in BWD's efforts to enhance water supply and meet the growing demand for potable water in the city. This accomplishment underscores the district's dedication to ensuring reliable and sustainable water services for its community.

BAGUIO WATER DISTRICT OUTLINES DRY SEASON CONTINGENCY MEASURES FOR WATER SUPPLY



PREPARATORY WORK. Baguio Water District General Manager Engr. Salvador M. Royeca (*right-most*) joins the District's technical officers in inspecting the Busol Rainwater Harvesting Facility at the Busol Watershed on November 07, 2024 to layout contingency measures for the dry season operations of the District. Also in this photo are OIC Asst. General Manager for Technical Operations Engr. Reynaldo C. Jayco (*left-most*) and Division Managers (*from r-*l) Mr. Rodrigo O. De Venecia(+), Engr. Fernando A. Peria (*Non-Revenue Water Management*), Engr. Edmundo Q. Llanes (*Engineering*) and Engr. Noriel C. Calpito (*Production & Distribution*). ***-BWD file photo***

IN PREPARATION for the upcoming dry season, the Baguio Water District (BWD) is proactively planning to ensure a fair and efficient distribution of water supply across the city.

BWD General Manager Engr. Salvador M. Royeca has directed the District's technical divisions to perform a thorough assessment of current facilities and water resources, with emphasis on updating and enhancing the District's contingency plans. *"BWD's approach is consistently proactive. Each year, contingency plans are carefully laid out for dry season operations, ensuring we are prepared for the months when our water sources typically reach critical levels."* GM Royeca emphasized.

A promising development for BWD's preparations is the recent recovery of its water resources. Unlike the previous two years, when the El Niño phenomenon placed severe strain on the city's water supply, Baguio has benefitted from substantial rainfall this rainy season. As a result, as of October 31, 2024, BWD's groundwater sources are reported to be around 83.65% replenished. *"Thanks to the decent rainfall we've experienced, our water resources are in a much better state"*. GM Royeca noted.

Despite these developments, GM Royeca reminds residents - and particularly those in the hospitality and tourism sectors - to remain vigilant in practicing water conservation. Such measures are vital as Baguio anticipates a surge in water demand with the expected increase in tourism activities.

In addition to managing existing resources, GM Royeca has directed relevant BWD divisions to expedite ongoing water exploration projects to address the city's growing water requirements. These projects are also expected to cushion the impact of demand surges, particularly during peak summer months.

Currently, BWD is advancing well-drilling projects across various locations, including Wright Park, Purok 2-Irisan, Old Lucban, Buyog, Pinsao-Pilot Project, M. Roxas, and the planned deepening of the Montinola production well along Kisad Road. These efforts target additional production of 8,000 cubic meters daily, significantly boosting BWD's capacity to supply Baguio residents and visitors alike.

WATER TESTING LABORATORY SECURES DOH ACCREDITATION, OPENS TO EXTERNAL CLIENTS ON MARCH 31, 2025

THE BAGUIO Water District (BWD) is set to reopen its Water Analysis Laboratory to external clients starting March 31, 2025, following its recent reaccreditation from the Department of Health (DOH). The Permit to Operate, granted on August 02, 2024, ensures the laboratory's compliance with national water quality standards and remains valid until December 31, 2026.

With this accreditation, BWD reaffirms its commitment to providing safe and reliable water testing services. Clients may submit their water samples every Monday and Tuesday, from 8:00AM to 12:00NN, at the BWD Main Office, No. 003 Utility Road Barangay, Marcoville, Baguio City. Clients seeking to avail of water testing services are advised to follow the step-by-step procedures indicated in the infographics.

To facilitate a smooth and efficient process, clients are reminded to bring properly collected and clearly labeled water samples, taken within six (6) hours from submission. If submission is delayed beyond eight hours, samples must be properly stored at temperatures below 10 degrees Celsius to preserve their integrity. Additionally, samples should be collected in sterile bottles and contain at least 250 ml of water, leaving enough headspace for proper mixing. Clear labeling is essential and must include the name of establishment or owner, address, sample source, sample type, date and time of collection, and the name of the water sampler (if applicable).

Upon arrival at the Laboratory's reception window, a laboratory staff will evaluate the sample's compliance before issuing a charge slip for payment. Samples that fail to meet requirements or show signs of tampering will be declined. After payment at the BWD teller, the client must return to the reception window for recording and validation. Laboratory analysis will then be conducted by BWD personnel, with results available within five (5) to seven (7) working days. Clients will be notified via text message or phone call once their results are ready, and may claim them from Monday to Friday, 8:00AM to 5:00PM, by upon presentation of the original signed charge slip.

BWD encourages clients to take advantage of this service to ensure the safety and quality of their drinking water. For further inquiries, they may contact the BWD Laboratory at 09602370356 or 09978825352, or send an email to baguiowaterdistrictlaboratory@gmail.com.



WATER ANALYSIS. Baguio Water District laboratory personnel conducting water analysis. BWD is set to recommence and accept water analysis requests from external clients starting March 31, 2025. – ***BWD file photo***



BAGUIO WATER DISTRICT
WATER ANALYSIS LABORATORY

Department of Health Accredited
ACN DOH023466

QUALITY POLICY AND OBJECTIVES

The Baguio Water District Water Analysis Laboratory is committed to the following:

- Ensure excellent quality, precision and accuracy in performing water analysis and treatment of water supplied to its concessionaires and clientele by adhering to the standards set by the 2017 Philippine National Standards for Drinking Water (PNSDW) ;
- Improve professional competence of the Water Analysis Laboratory Personnel ;
- Observe fair conduct of activities in the testing laboratory premises and upon deployment to the field in order to attain exemplary customer satisfaction ; and
- Employ a Quality Assurance Program to ensure quality service provided to Baguio Water District's clientele and consumers.

Contact Us:

09602370356 / 09978825352

baguiowaterdistrictlaboratory@gmail.com

003 Utility Road, Brgy. Marcoville, Baguio City





Laboratory Fees for Microbiological Analysis

Effective March 01, 2025
Per BWD BOD Resolution No. 07-2025

ANALYSIS	TEST METHOD*	FEE (Php)
Total & Thermotolerant Coliform Test	Multiple Tube Fermentation Techniques (MTFT)	900.00
Heterotrophic Plate Count (HPC)	Pour Plate Method	450.00
Total & Thermotolerant Coliform Test + HPC **(Package Rate)**	MTFT and Pour Plate Method	1,300.00

*Based on the Philippine National Standards for Drinking Water (PNSDW) 2017

OTHERS	FEE (Php)
Duplicate Copy of Water Analysis Results	100.00
Sterilization of Water Sampling Bottle	50.00



WATER ANALYSIS ACCEPTANCE PROCEDURE

MONDAY AND TUESDAY
8:00 AM to 12:00 NOON

- **AT THE RECEPTION**
  The receptionist shall evaluate the acceptability of the sample submitted.
  - **Properly collected and labeled sample** (complied with the requirements of the submission checklist)
  - **REJECTED SAMPLES** shall be requested for RESAMPLING OR SIGNING OF A NON-CONFORMANCE WAIVER
  - **ACCEPTED SAMPLES** with complete information shall be issued a charge slip

Note: The BWD Water Analysis Laboratory reserves the right to reject non-compliant, suspicious or tampered samples

PAYMENTS SHALL BE MADE AT THE CASHIER.
After payments, present the receipt to the Laboratory Receptionist for recording purposes

LABORATORY ANALYSIS
Procedure is 5 to 7 working days after submission of samples, inclusive of report preparation and signing

RESULT / REPORT RELEASE
WEEKDAYS (MON-FRI)
8:00 AM to 5:00 PM
*No Official Receipt / Signed Charge Slip, No Release of Results

Water Sample Submission Checklist

For reference, please note the following:

- ✓ Name of Establishment
- ✓ Name of Owner/ Client/ Company
- ✓ Complete Address
- ✓ Active Contact Number & Contact Person
- ✓ Sample Source
- ✓ Sample Type
- ✓ Sampling Point
- ✓ Date and Time of Collection
- ✓ Water Sampler Name and Certification No. (if applicable)

✓ **PROPER LABEL AND IDENTIFICATION INDICATED IN THE SAMPLE BOTTLE**

- Name of Establishment
- Sample Source
- Sample Type
- Date and Time of Collection
- Name of Sampler

- ✓ Submitted within **6 hours** upon collection
  - If beyond 8 hours but not over 30 hours, sample must be stored at < 10°C and transported in an ice chest/box with sufficient ice or gel pack

- ✓ Sample Collected has adequate headspace for proper mixing
- ✓ Sample collected is more than **250-mL**
- ✓ Sample container is **sterile** bottle
- ✓ Sample is **NOT** leaking









BAGUIO LGU, BAGUIO WATER DISTRICT PARTNER WITH BRITISH-LED STUDY FOR SUSTAINABLE WATER MANAGEMENT



THE BAGUIO Water District (BWD) is set to enhance its services and contribute to sustainable water management in the city through the "Climate-Resilient Integrated Urban Water Resources Management, Baguio Water Supply Feasibility Study". This initiative, supported by the United Kingdom's Foreign, Commonwealth, and Development Office (FCDO) under the Green Cities and Infrastructure Program (GCIP), officially commenced following a coordination meeting at the BWD Lagman Hall on December 02, 2024.

The event brought together representatives from the FCDO and GCIP, alongside key stakeholders from the Baguio City Local Government Unit (LGU), the Department of Environment and Natural Resources (DENR) Cordillera, and BWD, led by General Manager Engr. Salvador M. Royeca. The meeting, conducted in a hybrid format, marked the start of this transformative initiative.

On November 21, 2024, a Memorandum of Understanding (MOU) was signed by Baguio City Mayor Benjamin B. Magalong, the British Embassy Manila, and Engr. Royeca representing BWD.



GET THE BALL ROLLING. Baguio Water District General Manager Engr. Salvador M. Royeca (*4th from left*) met with the representatives from United Kingdom's Foreign, Commonwealth, and Development Office (FCDO) under the Green Cities and Infrastructure Program (GCIP) during the kick-off activity of the "Climate-Resilient Integrated Urban Water Resources Management, Baguio Water Supply Feasibility Study" at the BWD Office on December 2, 2024. ***–BWD file photo***



This partnership underscores a shared commitment to developing climate-smart integrated water management solutions tailored to the needs of Baguio City.

The program leverages the expertise of technical specialists from the UK government and private sector to provide grant-aided technical assistance. It aims to deliver transformative outcomes in key areas such as water supply, waste management, traffic management, and pollution reduction for participating cities, including Baguio.

Throughout the year-long project, BWD and the local government will receive vital technical support to develop innovative and sustainable water management strategies. The initiative will prioritize improving efficiency in water production, distribution, and eco-friendly utilization, strengthening resilience to climate challenges while supporting sustainable urban growth. This collaboration underscores the shared vision of the Baguio LGU, BWD, and their international partners in building a future-ready and environmentally conscious city.

MWSS RO BENCHMARKS BAGUIO WATER DISTRICT'S RAINWATER HARVESTING MODEL

THE BAGUIO Water District (BWD) welcomed the Metropolitan Waterworks & Sewerage System (MWSS) Regulatory Office for a benchmarking activity on February 5, 2025. The visit, led by Chief Regulator Patrick Lester N. Ty, aimed to explore and adopt BWD's best practices in rainwater harvesting.



The activity featured on-site facility tours and discussions on the operation and components of BWD's rainwater harvesting systems. Highlights included the Busol Rainwater Harvesting Facility, with a capacity of approximately 56,000 cubic meters, and the Sto. Tomas Rain Basin, which can hold up to 700,000 cubic meters. These facilities stand as testaments to BWD's commitment to climate resilience, sustainable water management, and securing a reliable water future for Baguio.



Accompanying Chief Regulator Ty were MWSS key officials, including Deputy Administrator (DA) for Administration and Legal Affairs Ms. Claudine B. Orocio-Isorena, DA for Technical Regulation Ms. Evelyn B. Agustin, DA for Customer Service Regulation Mr. Lee Robert M. Britanico, Acting DA for Financial Regulation Mr. Christopher D. Chuegan, Operations Monitoring Manager Mr. Joel A. Dominguez, Public Information Manager Ms. Joan Michelle S. Antonio, Water Quality Control Manager Ms. Maricris T. Laciste, and Head Technical Assistant Ms. Marie Antoinette D. Manuel.



This benchmarking activity underscores BWD's commitment to fostering industry collaboration and advancing sustainable practices, thereby contributing to the continuous improvement of water supply management nationwide.



CITY OF SAN FERNANDO WATER DISTRICT BENCHMARKS BAGUIO WATER DISTRICT'S BEST PRACTICES

IN A BID to improve its operations in water distribution and water resources management, key officials from the City of San Fernando Water District (Pampanga) conducted a benchmarking activity at the Baguio Water District main office on December 11, 2024.

Chairperson Engr. Ferdinand Z. Caylao led the key officers of CSFWD in exploring BWD's best practices for watershed protection and management, non-revenue water reduction, water supply distribution and management, water treatment facilities' operation and maintenance, and water quality monitoring and assurance.

Joining Engr. Caylao were the key officials from CSFWD, including Mr. Benerito H. Aldana (Board of Director), Architect Rocky Dunga (Division Manager for Planning), Ms. Leila C. Sambilay, and Mr. Joselito S. De Guzman. The activity provided valuable insights into BWD's strategies for optimizing the management of Baguio's water resources and sustaining efforts to enhance service delivery to stakeholders.

The benchmarking initiative was a short but meaningful exchange of knowledge and expertise. BWD's commitment to promoting the development of its colleagues in the water supply industry across the nation remains steadfast, fostering stronger collaboration and shared growth in the water sector.



BAGUIO WATER DISTRICT, PINSAO PILOT PROJECT FORGE PARTNERSHIP FOR WELL-DRILLING INITIATIVE

IN A SIGNIFICANT step towards improving water accessibility, the Baguio Water District (BWD) and the Pinsao Pilot Project Barangay sealed a partnership on November 21, 2024, through the signing of a Memorandum of Agreement (MOA) for a well-drilling project.

Representing their respective organizations, BWD General Manager Engr. Salvador M. Royeca and Pinsao Pilot Project Punong Barangay Dexter O. Fag-ayan led the signing ceremony. The agreement marks a joint commitment to explore a new water source aimed at benefitting the residents of Pinsao Pilot Project barangay.

Under the MOA, BWD will spearhead an underground water source exploration initiative in Purok 5, Barangay Pinsao Pilot Project. The barangay, through its officials and



In this photo (l-r) Baguio Water District Non-Revenue Water Management Division Chief Engr. Fernando A. Peria, BWD General Manager Engr. Salvador M. Royeca, Pinsao Pilot Barangay Captain Dexter O. Fag-ayan, and BWD Assistant General Manager for Nontechnical Operations Atty. Ma. Luisa C. Tenedero and BWD Corporate Attorney B Francess Louise E. Gener. ***-BWD file photo***

constituents, has granted the public water utility the necessary permission to undertake related activities, including development work. This project is part of BWD's broader water supply expansion and rehabilitation program, aimed at addressing the growing demand for a sustainable water supply in the area.

The next steps following the MOA signing include preparing a work order to initiate the bidding process, with the project slated for implementation in 2025. This partnership underscores the shared commitment of BWD and Pinsao Pilot Barangay to ensure a reliable and accessible water supply for their community.

DISTRICT, LOWER QUIRINO HILL BARANGAY PARTNERS FOR ADOPT-A-WATERSHED PROGRAM

IN A CONTINUING effort to safeguard and rejuvenate the remaining forest covers in the Summer Capital, the Baguio Water District (BWD) formalized its partnership with Lower Quirino Hill Barangay through a Memorandum of Agreement (MOA) for the Adopt-a-Watershed Program, signed on December 2, 2024, at the BWD Main Office.

BWD General Manager Engr. Salvador M. Royeca and Lower Quirino Hill Punong Barangay Van Oliver M. Dicang signed the MOA on behalf of their respective offices, affirming their shared commitment to the preservation, conservation, protection, and rehabilitation of the Buyog Watershed.

As stipulated in the agreement, BWD will designate a 1,000-square-meter area within the Buyog Watershed to Lower Quirino Hill Barangay for maintenance. Barangay officials and



In this photo (l-r) Baguio Water District General Manager Engr. Salvador M. Royeca, Lower Quirino Hill Barangay Captain Van Oliver Dicang, and BWD Non-Revenue Water Management Division Chief Engr. Fernando A. Peria. ***-BWD file photo***

residents will undergo an orientation to ensure the effective implementation of activities such as tree planting, tree nurturing, and other measures aimed at preserving the watershed.

The Adopt-a-Watershed Program is a flagship initiative of BWD designed to protect and conserve vital watersheds in Baguio City and surrounding municipalities. The program fosters partnership with government and non-government organizations to combat forest fires, illegal logging, squatting, kaingin, and other destructive acts.

Through this collaboration, BWD and Lower Quirino Hill Barangay demonstrate the power of collective action in addressing environmental challenges and advancing development for the community and future generations.



STANDBY GENERATORS TO ENSURE BAGUIO WATER DISTRICT'S READINESS DURING EMERGENCIES

IN ITS ONGOING commitment to enhancing service reliability for all stakeholders, the Baguio Water District (BWD) has allocated funds for the procurement and installation of new generator sets at its main office and water production facilities.

Engr. Salvador M. Royeca, BWD General Manager, shared that the District has earmarked over Php48.8 million from its corporate funds between 2018 and 2023 to procure twelve (12) generator sets. These units are strategically installed at key pumping stations frequently affected by power outages, ensuring a reliable back-up power supply.

With this development, GM Royeca expressed optimism that the inconvenience of water service interruptions caused by both scheduled and unscheduled power outages will be significantly reduced. The newly-installed standby generator sets are equipped to operate during emergencies and calamities, thereby ensuring the continuous delivery of safe and potable water across the City.

The facilities equipped with the new generators include the BWD Pula Stage 2 pumping station which supplies water to the KM. 8 reservoir along Sto. Tomas Road, as well as the Camp 8, Balsigan, and Ambiong pumping stations, the Amparo complex, the BWD main office, and two (2) additional mobile or transportable gensets.

Moreover, BWD plans to complete the installation of backup generators for the Irisan complex by 2025, alongside the proposed procurement and installation of genset for the the newly-commissioned Ramsey 2 deepwell along Bakakeng Norte. **-BWD**



BAGUIO WATER DISTRICT EXPANDS WATER ACCESS WITH PUROK 5 STO. ROSARIO PIPELINE PROJECT

BAGUIO Water District (BWD) has initiated a pipeline expansion project in Purok 5, Sto. Rosario, Baguio City, aimed at enhancing water distribution and ensuring a more reliable supply for the community. The project covers the installation of a 3"Ø distribution line spanning 514 meters, with a total budget of Php2.07M. Construction began on January 25, 2025, and is scheduled for completion by March 19, 2025, as stipulated in the work order.



Pipeline expansion project at Purok 5 Sto. Rosario, Baguio City ***-BWD file photo***

This initiative is expected to benefit approximately 91 households, enhancing water access and standardizing residential connections. Once completed, the upgraded pipeline system will reduce water travel time from the BWD Marcos Highway Tank to Purok 5. Sto. Rosario – a high-altitude area where water distribution remains a challenge.

Through this project, BWD aims to provide residents with a more stable and efficient water supply, particularly during the driest months of the year. As of February 25, 2025, the district has already completed the installation of 160 meters of HDPE pipes and 84 meters of G.I. pipes.

BWD reaffirms its commitment to delivering sustainable water solutions and ensuring equitable access to safe drinking water for all residents. **- BWD**

PUROK 5, BAKAKENG UPSIZING PROJECT IN PROGRESS

THE BAGUIO Water District (BWD) initiated the upsizing of the existing 1-inch diameter (Ø) water distribution line along Purok 5, Bakakeng Norte/Sur, Baguio City, on January 16, 2025. This infrastructure improvement project is part of BWD's continuing efforts to upgrade and modernize its water distribution network to meet the increasing demand for water in the area.

The project involves the installation of approximately 230 meters of 2"Ø polyvinyl chloride (PVC) pipeline to replace the existing undersized 1-inch pipeline that has been in place. This replacement is expected to significantly improve water pressure and volume, addressing the longstanding supply issues experienced by households in the area. In addition, a 30-meter stretch of 3-inch diameter (Ø) high-density polyethylene (HDPE) pipe will be installed along Bakakeng Sur Road to accommodate future water service expansions.



BWD field personnel expedite activities for the pipelaying activities at Purok 5, Bakakeng, Baguio City. ***-BWD file photo***

The project has been allocated a budget of Php 1.3 million and is targeted for completion within 32 working days, with a projected end date of February 22, 2025. Upon completion, the upgraded pipeline system is expected to improve water supply reliability and efficiency, not only for the residents of Purok 5 but also for surrounding communities that may be affected by existing limitations in the current distribution infrastructure.

This development forms part of BWD's broader commitment to improving the overall water supply system in Baguio City. By investing in infrastructure upgrades such as this, the District aims to ensure the consistent delivery of safe, adequate, and sustainable water services to its consumers. **-BWD**

BAGUIO WATER DISTRICT LAUNCHES ACTIVITIES FOR WOMEN'S MONTH CELEBRATION



HONESTY STORE. Baguio Water District relaunches the *"Tindahan ni Honest Juan and Juana"* as one of the highlight activities in celebrating the 2025 National Women's Month. With the said program, BWD women employees are allowed to engage in general retail and selling of items to co-workers within the District's premises. ***-BWD file photo***

THE BAGUIO Water District (BWD), through its Gender and Development (GAD) Committee, officially launched its activities for the 2025 National Women's Month Celebration (NWMC) during the water utility's flag-raising ceremony on March 03, 2025. This year's celebration carries the theme "*Babae sa Lahat ng Sektor, Aangat and Bukas ng Bagong Pilipinas*!"

As part of the month-long observance from March 1 to 31, BWD reaffirms its commitment to supporting the initiatives led by the Philippine Commission on Women (PCW). The celebration aims to honor women's contributions to nation-building while advocating for gender equality and women's empowerment.

Key activities scheduled for the NWMC include: March 1 – Posting of the NWMC Banner at the BWD Main Office, official website, and social media platforms; March 14 – Friday Thanksgiving Mass, sponsored by the by the BWD Employees Association (BWDEA) & BWD Provident Fund; March 1-31- Purple Shirt Fridays, where employees are encouraged to wear purple to symbolize support for gender equality; March 3-31 – Women's Month-themed flag raising activities; and March 3-31 Honesty Store – Tindahan ni Honest Juana and Juan, promoting integrity and trust in the workplace.

Through these initiatives, BWD reinforces its commitment to prioritizing the welfare of women in the community while upholding the core principles of R.A. 9710, or the Magna Carta of Women. This landmark law guarantees equitable access to resources and opportunities for women and promotes an inclusive approach to economic, social, and cultural development.

The National Women's Month Celebration is rooted in the observance of International Women's Day (IWD), held annually on March 8. It serves as a time to reflect on progress made, call for change, and celebrate the courage and determination of women who have played extraordinary roles in history and society. This year, IWD 2025 carries the global theme, "*For ALL Women and Girls: Rights. Equality. Empowerment."*

With these initiatives, BWD continues to champion gender equality and women's empowerment, fostering a more inclusive and progressive future for all.





BAGUIO WATER DISTRICT CELEBRATES WORLD WATER DAY 2025, BACKS GLOBAL CALL FOR GLACIER PRESERVATION

IN SOLIDARITY with the global community, the Baguio Water District (BWD) joins the celebration of World Water Day 2025 on March 22, in full support of this year's international theme: "*Glacier Preservation."*

While the Philippines has no glaciers, BWD affirms its support for the United Nations' global campaign that highlights the critical role of glacier systems as freshwater sources for nearly two billion people worldwide. Often called the planet's "water towers," glaciers feed rivers, sustain ecosystems, and support agriculture and livelihoods across entire regions.

This year's observance also coincides with the first-ever World Day for Glaciers and is part of the International Year of Glacier Preservation—a timely reminder of the growing impact of climate change and global warming. The rapid melting of glaciers poses serious threats to global water security, food production, and disaster risks, including rising sea levels and loss of biodiversity.

"While we may not have glaciers in our country, the effects of their rapid disappearance are felt worldwide," said BWD General Manager Engr. Salvador M. Royeca. "*As a water service provider in a climate-vulnerable region, BWD is committed to doing its part protection, and awareness campaigns that echo the global call for urgent climate action."*

BWD continues to advance sustainable water management through projects such as pipeline rehabilitation, non-revenue water reduction, source development, and watershed conservation. These initiatives are further reinforced by IECs encouraging consumers to conserve water, protect natural resources, and understand the link between climate change and water availability.

For BWD, the significance of World Water Day extends beyond a single date. It serves as a platform to inform the public, inspire action, and strengthen community partnerships in securing clean and sufficient water for all. Even without glaciers, the shared responsibility for water conservation and climate resilience rests with every citizen, institution, and nation.

BWD invites the public to join its World Water Day activities and support the global call to protect all forms of freshwater—from icecaps to rainfall-fed springs—by adopting water-wise practices at home, in the workplace, and in the community. **-BWD**

THE SECRET LIFE OF GLACIERS

WORLD WATER DAY 2025: **INFOGRAPHIC**

1. FROM SNOW TO ICE

Glaciers form when snow piles up over many years, compressing into solid ice.



It can take up to 100 years for snow to turn into glacier ice!

2. DIFFERENT TYPES AROUND THE WORLD

Glaciers come in many forms depending on where they are.

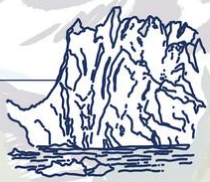
- **Ice Sheets:** Cover large areas like Greenland and Antarctica.





- **Mountain Glaciers:** Found in high mountains like the Himalayas, Rockies, and Andes.

- **Tidewater Glaciers:** Flow directly into the sea.





- **Piedmont Glaciers:** Spread out at the foot of mountains, forming large lobes.

Mountain glaciers exist on every continent except Australia.

3. SLOW BUT STEADY

Glaciers move slowly under their own weight, carving landscapes as they go.

Some glaciers move as slowly as a few centimetres a year, while others can surge several metres in a day!

4. CHANGING WITH THE CLIMATE



As temperatures rise, glaciers melt faster than they can form, leading to retreat.

About 10% of Earth's land surface is still covered by glaciers, but they are shrinking.

5. GLACIERS AND WATER

Glaciers **store approximately 70% of the world's fresh water**, making them the largest reservoir of fresh water on Earth.

As glaciers melt, they release water that feeds rivers and provides drinking water for millions of people.

UN WATER
22 MARCH
WORLD WATER DAY
2025 Glacier Preservation

Source: https://www.un.org/en/observances/water-day



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