



CY 2023 WATERSHED MANAGEMENT DEPARTMENT (WMD) ACTIVITIES

- **NPC-BBWAT Donated 54 pieces of Assorted Hardwoods for the Re-Roofing of Two (2)-Classroom in FVR Building at Buhi Southeast Central School, Sta. Justina, Buhi, Camarines Sur**

NPC-BBWAT donated 54 pieces of assorted hardwoods for the re-roofing of two (2) classroom in FVR Building at Buhi Southeast Central School, Sta. Justina, Buhi, Camarines Sur.

In Buhi Southeast Central School, Sta. Justina, Buhi, Camarines Sur, the Super Typhoon Rolly, occurred on November 1, 2020, caused major destructions to its classrooms significantly to one (1) unit-two (2) classroom FVR building. After the pandemic and months of modular learning, the school encountered problems when it came to returning the face-to-face classes. The lack of classrooms is one of its main concerns; hence, the said FVR building was in need for re-roofing to resolve this problem.

The Forest Product Donation No. 2022-11-D-07, which contains 54 pieces assorted hardwoods with a total volume of 1,880.04 board feet, was received by the school last January 6, 2023 (Transport Permit No. 2022-03). The re-roofing project was realized with the help of 565th Engineer Construction Battalion 51st Engineer Brigade, Philippine Army headed by LTC Margie G. Mingoy CE (GSC) among with skilled soldiers who volunteered in the activity. After a month of work, the re-roofing of 2-classroom FVR building was completed on February 28, 2023.

The 2-classroom FVR Building is now being used by the teachers and students for their classes. BSCS extends their gratitude to the National Power Corporation for the assistance provided thru the Buhi-Barit Watershed Area Team.

- **2023 World Wetlands Day Celebration**

The celebration of World Wetlands Day is held annually on February 2. As part of the commemoration this year, the DENR-CENRO organized a massive clean-up drive at Lake Buhi in which numerous agencies and groups took part, including the Buhi-Barit Watershed Area Team.

The need of taking steps to maintain the conservation and sustainable use of wetlands for human and planetary health was underscored by this year's theme, "Wetlands Restoration." Thus, coordinated actions are necessary to stop the rapid loss and promote conservation and restoration initiatives.

The BBWAT arrived in the Lake Buhi Ferry Terminal at 7:00 am with other participating organizations, agencies, and offices. Mayor Rey P. Lacoste of the LGU-Buhi delivered a remark to formally open the event. In 10:00 am, a brief program was given at the Buhi Millennium Center following the cleanup effort.

- **Livelihood Training for the IP Community on Coco Coir Handicrafts Processing**

The activity was conducted on March 16-17 and 21-22, 2023 at Brgy. Monte Calvario and Antipolo, Buhi, Camarines Sur in partnership with the Barangay Council.

The participants were trained to properly produce coco ropes ranging from small, medium, and large sizes that will be used in the production of various products. Twinning machines

were also provided through the assistance of the IPMR of Barangay San Vicente while the unit provided raw materials as a starting capital to Brgy. Monte Calvario and Antipolo. By the end of the training, the participants were able to produce coco wattle, coco poles, coco pots, and door mats.

This livelihood training is part of the Buhi-Barit Watershed Area Team's Capability Building/Training/Livelihood Program for the Indigenous People's group within the Municipality of Buhi, Camarines Sur.

- **CLWEC COMMITTEE MEETING**

CLWEC Committee Meeting was conducted on April 20, 2023, at Mountain Lake Resort, Brgy. East Talaongan, Cavinti, Laguna.

The Caliraya-Lumot Watershed Ecological Community (CLWEC) is a community of various stakeholders and users of Caliraya-Lumot Watershed Forest Reserve (CLWFR) in Laguna that recognized the urgency of uniting together, in spirit of cooperation, to save and protect the watershed reservation to continue to support its various uses.

Several committees headed by different CLWFR stakeholders were formed by the CLWEC members to tackle and conduct specific activities in managing the CLWFR. The CLWEC IEC Committee focuses on the promotion of environmental awareness to watershed communities inside the CLWFR.

One major agenda during the meeting is the crafting of the IEC COMMITTEE ACTION PLAN FOR CY 2023 which included the conduct IEC Campaigns in selected Elementary and High Schools inside the Caliraya-Lumot Watershed Forest Reserve (CLWFR) as its major activity for CY 2023.



- **IEC on Rules and Regulations on the Uses of the Reservoir of the San Roque Multi- Purpose Power Facility**

Last May 18, 2023, the NPC-SRWAT, in partnership with the Coast Guard-San Manuel Station, and Municipal Agriculturist-San Manuel conducted an IEC on Rules and Regulations on the Uses of the Reservoir of the San Roque Multi- Purpose Power Facility.

This is to impart that permitted fisher folks should follow/comply with the existing rules and regulations governing the utilization, protection and conservation of fishery resources found in the San Roque Reservoir.

Coast Guard Sub Station San Roque Station (CGSS San Roque) also discussed the national governing rules and regulations governing the reservoir as well as the safety measures.

Municipal Agriculturist of San Manuel emphasized the need for the fisher folk to register in the Fisher folks, Registry System for Basic System in Agriculture (RSBSA) for assistance.



- **National Power Corporation received a recognition from the 202nd Infantry (Unifier) Brigade Philippine Army**

On July 26, 2023, during the celebration of the 37th founding anniversary of the 202nd Infantry (Unifier) Brigade Philippine Army with a theme of “Sustaining Partnership Towards Peace, Progress and Development”, the 202nd Infantry (Unifier) Brigade Philippine Army awarded a plaque of appreciation to the National Power Corporation to extend their gratitude towards the unwavering support and partnership for the protection and conservation of the Caliraya-Lumot Watershed Forest Reserve (CLWFR).

The 202nd Infantry (Unifier) Brigade Philippine Army was led by BGen. Cerillo C. Balaoro Jr. PA, Brigade Commander, and the National Power Corporation was represented by the Caliraya-Lumot Watershed Area Team (CLWAT) with its personnel; Senior Forest Ranger Wilson R. Ratac, Forest Guard MM P. Fajardo, and Forester Liane Xenia D. Nahil. The event was also attended by PBrigGen. Carlito M. Gaces, PRO CALABARZON, Regional Director, and the Guest of Honor and Speaker, Philippine National Police, government officials, and private sectors.



- **Bantay Lawa Program Fish Warden Training**

Last June 20 to 23, 2023, the Buhi-Barit Watershed Area Team (BBWAT) of NPC, in coordination with different agencies, the Local Government Unit of Buhi, in the province of Camarines Sur, conducted the Bantay Lawa Program Fish Warden Training. With the theme “Let Us Work Hand in Hand to Restore, Protect, and Save Lake Buhi”, the participants and resource persons from each coordinating offices were invited to join the said activity.

The main objective of the training is to deputize the selected participants as Fish Wardens for the implementation of the Bantay Lawa Program. The deputation of a Fishery Law Enforcement Officer or the Fish Warden requires 3-day training. It is in accordance with Republic Act No. 10654 otherwise known as “The Philippine Fisheries Code of 1998”. Thus, the said training was conducted on June 20-23, 2023, at Maguindara Resort, Buhi, Camarines Sur.

On the first day of the training the Lake Development Office targets and accomplishments were presented. Relatively, the DENR-Environment Management Bureau presented the present status of the lake’s water quality. A resource speaker from BFAR, on the other hand, started the training by discussing the appointment and roles of Fishery Law Enforcement Officer (FLEO), and the prohibitions and penalties under R.A. No. 10654.

The Philippine Coast Guard discussed the safety and security boarding protocols in accordance with R.A. No. 9993 for the second day, 21 June 2023. The Protected Area Superintendent (PASu) also discussed the R.A. No. 11038 and R.A. No. 9147. A representative from Rural Health Unit also had a brief discussion with regards to sanitation measures. The BBWAT headed by For. Jairus B. Amistoso, OIC-Section Chief, then discussed the National Power Corporation’s Legal Mandates and its areas of jurisdiction. Mr. Amistoso also highlighted the role and provisional services of the BBWAT in terms of restoring, protecting, conserving, and saving the lake Buhi and the Buhi-Barit Watershed Reservation as a whole. Several queries were also addressed by Mr. Amistoso, which gave clarifications to different concerns of the constituents and stakeholders especially on regulatory services.

On the third day, the selected participants that are subject for deputation had the whole-day hands-on training at the lake Buhi to capacitate them more with required skills. The resource speaker from Office of the Treasury of the LGU-Buhi discussed on the last day the taxation and fees in relation to the harvest and transportation of Tilapia found in lake Buhi. The R.A. No. 8371 also known as the “Indigenous Peoples’ Rights Act” was also discussed by a resource person from National Commission on Indigenous People. Lastly, Atty. Ramon C. Sabinorio from Public Attorney’s Office of Quezon City provided a discussion on relevant laws for protection of the lake.

- **National Power Corporation received a recognition the Municipality of Cavinti, Laguna**

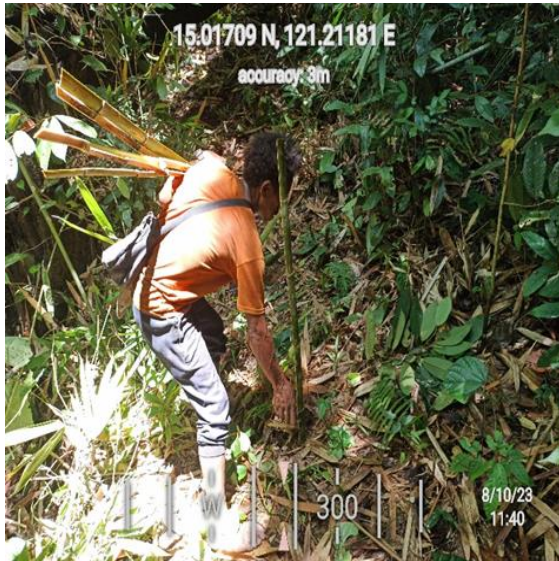
On August 4, 2023, in celebration of the 9th Sambalilo Festival of the Municipality of Cavinti, Laguna with one of its event titled “ARAW ng PAGKILALA: Husay at Dangal ng Cavintiin”, the Municipality of Cavinti, Laguna awarded a plaque and certificate of recognition to the National Power Corporation to commend their exemplary contribution as one of the local government’s partner agencies in providing services in their constituents. The award also serves as a token of the municipality’s gratitude, and to honor the invaluable partnership between the organizations.

The Municipality of Cavinti, Laguna was attended by Hon. Arrantlee R. Arroyo, Hon. Milbert L. Oliveros, and Ms. Vina Lorraine A. Orolfo, and the National Power Corporation was represented by the Caliraya-Lumot Watershed Area Team (CLWAT) with its Section Chief Benedicto T. Virrey, and Senior Watershed Management Specialist Edmon R. Enriquez.



- **Tree Planting Activity at So. Pinag-anakan**

On August 10, 2023, the tree planting activity at So. Pinag-anakan was successfully conducted of the Angat Watershed Area Team (AWAT) in cooperation with the fish dealers and the fishermen. It aims to increase the forest covered from the denuded lands and a future source of coffee product for the Dumagat in the area. Participants express their willingness and devotion in protecting the forest inside the area of Angat Reservoir.



- **Tree Growing and Clean-Up Drive Activity**

Last August 23 to 24, 2023, the Tree Growing and Clean-Up Drive Activity was conducted in Coastal and Fisheries Learning Center, Baybay, Tiwi, Albay and Brgy. Sta. Elena Malinao, Albay.

It was participated by a total of 200 individuals from the Municipality of Tiwi and Malinao represented by the LGUs, Philippine National Police, Bureau of Fire Protection, BLGU of Baybay, and Sta. Elena, PGPC, and Skeptron Fraternity.

Planting sites identified were coordinated with the agriculture office of both LGUs to ensure that seedlings to be planted were properly monitored and secured from any threat caused by human activities. A total of 200 seedlings were planted in the Coastal and Fisheries Learning Center at Brgy. Baybay, Tiwi, Albay which includes Bani and Talisay seedlings while 250 seedlings of Acacia and Talisay seedlings were planted at Brgy. Sta. Elena, Malinao, Albay. Aside from the tree-planting, the participants also collected 8 bags load of garbage, mostly plastic waste.

The activity is to continuously implement programs particularly aimed at encouraging stakeholders and other interested/concerned groups to partake in the protection and rehabilitation of the reservation.

- **Pilot Roll-out of the Net Zero Challenge of the CCC in the Caliraya-Lumot Watershed Forest Reserve**

The CCC, in partnership with the NPC and the Local Government of Paete, Laguna, launched the Pilot Roll-Out of their program dubbed as the Net Zero Challenge by ceremonial planting of six hundred (600) seedlings composed of Narra and Molave species in the Caliraya-Lumot Watershed Forest Reserve (CLWFR) on August 24, 2023. The CCC recently signed a Memorandum of Agreement with NPC to rehabilitate twenty-five (25) hectares of open areas inside the CLWFR for the Net Zero Challenge, in efforts to combat climate change.

On behalf of NPC President and CEO Fernando Martin Y. Roxas, Forester Emmanuel A. Umali, Manager of the Watershed Management Department, welcomed guests and participants in the CLWFR, gave a message of support to the Net Zero Challenge, and sighted the importance of reforestation efforts to achieve carbon neutralization and to combat climate change.



- **2nd Provincial Multi-Sectoral Forest Protection Committee (PMFPC)/ Provincial Anti-Illegal Logging/Timber Poaching Task Force – Laguna**

The Laguna Provincial Anti-Logging/Timber Poaching Task Force convened its 2nd Provincial Multi-Sectoral Forest Protection Committee (PMFPC)/ Provincial Anti-Illegal Logging/Timber Poaching Task Force - Laguna at NPC Camarin Compound, Cavinti, Laguna on August 24, 2023.

The PMPFC aims to unify the different agencies to address issues in their respective offices. The meeting was attended by the NPC-CLWAT, NPC-MBWAT, PENRO Laguna, CENRO Sta. Cruz, PG-ENRO Laguna, PIA Laguna, DILG Laguna, 202nd IB PA, LPMFC, UP Land Grant, UPLB MCME, DAR Laguna, and PAO Laguna.

Moreover, there were two (2) invited resource speakers from the Department of Agrarian Reform- Laguna and the Provincial Assessor's Office who responded to the issues and concerns raised by the committee.



- **Tree Planting at COMEL and Johnson, Kabayunan, Doña Remedios Trinidad, Bulacan**

On October 13, 2023, tree planting activity was successfully completed at COMEL and Johnson, Kabayunan, Doña Remedios Trinidad, Bulacan.

The tree planting event led by the National Power Corporation and INSPIRO company to promote environmental conservation and reduce their carbon footprint. The event began with a speech from the CEO of INSPIRO, Mr. Yuji Hamamoto, and was followed by Mr. Rosario C. Ortiz, Manager, Protection & Rehabilitation Division of NPC, who provided an introductory speech about the NPC and the Angat Watershed.

Mr. Ramil F. Gata, the Section Chief of Angat Watershed played a crucial role in the event by providing details about the Angat Watershed protected areas. He explained the various species that were to be planted and their ecological uses, and he also demonstrated the proper technique for planting the seedlings. This educational component is essential for ensuring the success of the tree-planting initiative.

The tree planting was conducted to reduce the carbon footprints of the INSPIRO and to help the Angat Watershed rehabilitate the open and denuded upland forest including the steambank identified by NPC within the Angat Watershed Forest Reservation.



- **Indigenous People Celebration Month**

On October 27, 2023, the Indigenous People Celebration Month was recognized. The participation of key figures such as the Provincial Indigenous Peoples Mandatory Representative (IPMR) Mr. Liberato Sembrano, and the Vice-Governor of Bulacan, Mr. Alex Castro, added significance to the event. Mr. Castro's speech expressing gratitude for the invitation and support for the Dumagat communities, along with acknowledging the agencies and leaders who contributed to the event's success, demonstrates a commitment to working together.

Ms. Regina Panlilio, the chief of NCIP Bulacan, recognize the achievement of the Dumagat communities and expressed gratitude, further highlighting the importance of such events in fostering understanding and collaboration.

The program continued with traditional dances from different Sitios of the Dumagat community. Traditional dances are integral part of indigenous cultures and often serve as a form of storytelling and expression.

The presence of booths from NPC-AWAT and different sitios showcased the programs, activities, and art forms of the Dumagat community. This provided an opportunity for guest to learn more about the Dumagat culture and the collaborative efforts between NPC-AWAT and the indigenous communities.



- **NPC-AWAT assists UP Los Baños students and teachers in their Field Trip at Angat Watershed.**

Fifty five (55) students and three (3) teachers of University of the Philippines Los Baños, Laguna conducted their field trip at Angat Watershed Office, Angat Watershed View Deck, and Angat Watershed Dam and Spillway on November 19, 2023.

It aims to immerse the students in the various land uses of the watershed and expose them to the problems and challenges in the watershed management.

The field trip conducted with the cooperation with the Angat Watershed Area Team was successfully completed. The participants are well equipped with the knowledge and understanding in protecting the Angat Watershed.



- Second Tree Growing Activity for the Net Zero Challenge of the Climate Change Commission**

In celebration of the 16th Global Warming and Climate Change Consciousness Week 2023 (CCC Week 2023), the Climate Change Commission (CCC) commenced the second tree growing activity for the Carbon Neutrality Program titled the CCC Net Zero Challenge (NZC) at the Caliraya-Lumot Watershed Forest Reserve (CLWFR) in the Municipality of Paete, Laguna on November 19, 2023.

The event was attended by Secretary Robert E.A. Borje, CCC Vice President and Executive Director, Paete Mayor Ronald B. Cosico, Paete Vice Mayor Vergilio Madrideo Jr., representatives of Laguna Governor Ramil Hernandez, Laguna 2nd District Congresswoman Ruth Hernandez, and municipality of Kalayaan, the National Power Corporation- Caliraya-Lumot Watershed Area Team (NPC-CLWAT), Paete Sagip Sigla Palay Farmers Association, Inc., and Philippine Red Cross.

A total of 625 seedlings, Narra and Molave, were planted in a one (1) hectare of land in the forest reserve. 300 seedlings were planted by the participants, while the remaining 325 seedlings were planted by the Paete Sagip Sigla Palay Farmers Association, Inc.

Moreover, the NZC will plant 15,625 seedlings and rehabilitate twenty-five (25) hectares of land in the Caliraya-Lumot Watershed Forest Reserve (CLWFR) in the municipalities of Paete, Kalayaan, Lumban, Cavinti, Laguna, with a total carbon sequestration potential of 75.5 tCO₂ from 2023 to 2027, which aims to engage stakeholders to raise their awareness on the global goal of reaching net zero emissions to control climate change.



- **School Lecture/Film Showing and Tree Planting Activity**

The BBWAT invited five (5) schools situated within the Buhi-Barit Watershed Forest Reservation to participate in the conduct of School Lecture and Tree Planting Activity on November 30, 2023, at Tambo National High School, Tambo, Buhi, Camarines Sur. This activity aimed to raise awareness and encourage participation in watershed protection and conservation.

In this one-day activity which started at 9:00 am, the BBWAT had educate and engage young leaders in understanding the importance of preserving our watershed and conserving natural resources by providing informative lectures and environmental/advocacy films. There were two topics discussed: (1) Introduction to Climate Change; and (2) All About Watershed. They are also expected to reecho the lessons that they learned to their fellow students and to have their environmental advocacy in their respective schools.

After the discussion of each topic, culminating activities were also enjoyed by the participants. The participants were tasked to make slogans and model of a watershed which they also presented to showcase their learning and understanding of the lectures. The participants also joined the pledge to collaborate with the care of the environment. A Certificate of Participation was also given to the participants as active agents (Batang Kalikasan Environmental Champions) in safeguarding our watershed.

A tree planting activity was also conducted within the mini forest of the Tambo National High School. The activity ended at 4:30 in the afternoon.



- **Watershed Awareness Campaign (School Lecture Activities) Towards Watershed Conservation and Protection of the Caliraya-Lumot Watershed Forest Reserve (CLWFR)**

The Caliraya-Lumot Watershed Area Team (CLWAT) of NPC-WMD conducted a series of school lectures in various schools within the Caliraya-Lumot Watershed Forest Reserve (CLWFR) from November to December 2023. These lectures were held in the municipalities of Cavinti and Paete, both located in the Laguna province.

The CY 2023 school lecture activity spanned from November 21 to December 13 and involved 14 schools. The participating schools were Sisilmin Elementary School, Inaowan Elementary School, Bukal Elementary School, Bukal National High School, Talaongan East Elementary School, Talaongan West Elementary School, Lumot Elementary School, Lumot National High School, Paowin Elementary School, Cansuso Elementary School, all situated in Cavinti, Laguna, and Papatahan Elementary School, Poten & Eliseo M. Quesada Memorial National High School – Papatahan Annex, Stand Alone Senior High School No. 21 Papatahan, and Tubog Elementary School, all situated in Paete, Laguna.

Over 550 elementary and high school students participated in a school lecture activity. The main objective of the activity was to educate students about the National Power Corporation, the watershed and its importance, the Caliraya-Lumot Watershed Forest Reserve (specifically highlighting the Caliraya and Lumot lakes), the challenges faced by the watershed and its impact, prohibited activities within the watershed, and ways to help the watershed. The students were actively engaged in the discussion and gained a deeper understanding of the significance of the watershed and its impact on their daily lives. Educating these young students will have a positive impact on the future.

The NPC-CLWAT expressed its sincerest gratitude to the Public School District Supervisors (PSDS) of the Department of Education (DepEd) Cavinti and Paete, Laguna, Dr. Soledad S. Villanueva, and Dr. Zoila I. Badulis, respectively, for their invaluable support.

This school lecture is part of the NPC-CLWAT watershed awareness campaign to conserve and protect the Caliraya-Lumot Watershed Forest Reserve (CLWFR).

- **Ceremonial Tree Planting Activity**

The Ceremonial Tree Planting Activity is part of the compliance of Legazpi Premium Development Corporation/SANRHO Builders on the issued Special Tree Cutting Permit (STCP) and Watershed Area Clearance (WAC) with control no. 2021-STCP-03 and 2021-WAC-02 respectively, for the Construction of the Socialized Housing Units (Balai-Tiwi) in Barangay Bagumbayan-Biyong, Tiwi, Albay.

SANRHO Builders partnered with CAMADA Inc. in the implementation and maintenance of 2.3 hectares Tree Replacement compliance.

Tiwi WAT will regularly monitor the compliance of the permittee.