

## ENVIRONMENT AND NATURAL RESOURCES

October

MONTH

2022

YEAR

# **Accomplishment Report**

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
I. FOREST MANAGEMENT AND CONSERVATION DIVISION		
A. Forest Resources Development Activities:		
Nursery Operations & Maintenance Works		
a. Production/Propagation and Disposition of seedlings	Production, propagation and procurement of seedling stock and disposition of seedlings	Number of seedlings produced: A total of 125 forest trees seedlings were produced.  Number of seedlings released: A total 891 assorted seedlings were disposed to various requesting constituents composed of 275 forest tree seedlings, 611 fruit-bearing tree seedlings, and 5 propagules;  On the other hand, 1.32% mortality was incurred.  Stock balance: 42,205 seedlings as of October 31, 2022.
b.Maintenance works	Maintenance of Provincial Nursery; Operation of Clonal Nursery; Brushing, ring weeding and greening of two nurseries; arrangement, and sorting of seedlings for hardening; seed and collection and propagation; and other activities that may be assigned to be accomplished during the period	operations of the nursery. Activities include improvement of seedling beds, soil potting, and transplanting and sorting of seedlings.  Also, ENR Personnel and some members of ISEP-TF Operatives joined in the conduct of clean-up drive and pursery heautification Activities include
2. Climate Change Mitigation/Adaptation and DRRM Initiaves	Implementation of forest rehabilitation and other greening efforts such as but not limited to watershed rehabilitation, agroforestry, riparian rehabilitation & development, mangrove & beach forests rehabilitation and urban greening with the aim to reduce the causes of global warming and its effect to biodiversity; and protect communities from risks of hazards caused by natural calamities.	the same project implemented since 2018. As

		Divilacan, Isabela - Beach forest rehabilitation project was implemented at Brgy. Bicobian in continuation of the development of project established in 2021. As planned, seedlings of agoho, botong and talisay were planted. The previous areas were also monitored and most of the planted seedlings area already 2-3 feet. Replanting was also visibly observed, considering the height of some planted seedlings.  Watershed Rehabilitation Project:  Delfin Albano, Isabela - On October 12, 2022, personnel of this office supervised the implementation of Watershed Rehabilitation Project at Brgy. Carmencita, Delfin Albano. Under this project, the Provincial Government provided a total of 4,000 seedlings of indigenous forest and fruit trees to be planted within Gumiran SWIP watershed; a continuation of the same project established in 2021. The area is an LGU-declared protected area for bird sanctuary, hence tree seedlings provided were more of bird-attracting species. The LGU conducted the site preparation and planting utilizing their Cashfor-Work beneficiaries. Maintenance and protection shall be the counterpart of the LGU thru their MENRO.  Riparian Rehabilitation Project: Personnel of this Office together with DSWD-FO Isabela representative, conducted monitoring and inspection of Riparian Rehabilitation projects at the following:  San Guillermo, Isabela - On October 11, 2022, project areas at the Municipality of San Guillermo were inspected. As observed, assorted bamboo propagules and Mahogany seedlings were planted with individual tree guards. Accordingly, monthly maintenance and protection activities particulalrly ring-weeding and brushing shall be conducted nd led by the MDRRM-Office together with the barangay officials.  Echague, Isabela - On October 13, 2022, project areas at Brgys. Malitao and Pangal Sur were inspected. As observed, the bamboos were properly planted are expected to have high survival rate. The team further recommended to the barangay officials to complete individual tree guards in addition to the main
B. Forest Protection and Law Enforcement Activities:		
1. Manning of Checkpoints		
a. Foot/mobile Patrolling and Surveillance	Foot/mobile patrolling and surveillance of illegal cutting and transporting of forest products.	ENRO and ISEP-TF personnel conducted surveillance and mobile patrol in the following areas:  - Alinguigan 3rd and 2nd, Malalam, Fuyo, San Ignacio, San Juan, San Lorenzo, Bintacan, Cabisera 8, Cabisera 14-16, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest Barangay of City of Ilagan - Magassi and Masipi, Cabagan - Antagan, Tumauini - Benito Soliven and San Mariano areas - Forest Region of Jones and San Agustin, Isabela As a result, thew were able to pursue two separate apprehensions in the City of Ilagan.  Also, assisted in the monitoring of Sand and Gravel Extraction Activities

b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	For this month, ISEP-TF operatives designated at forest protection were able to apprehend fifty-three (53) pieces of CHW lumbers with a total volume of 1,787.33 board feet.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	Utilized a total volume of 336.0 bd.ft representing 28 pieces of CHW lumbers for various government projects.
3. Other Activites	Seedlings Production	Seeds and wildlings collection and potting were continously conducted.  For this month, operative members based at Tumauini, Disipon, Benito Soliven, San Pablo, Abuan and Marana Checkpoints propagated seeedlings of Ipil, Narra, Tuai, Tindalo, Mahogany and Bamboo propagules.  Seedlings produced shall be utilized for future tree growing activities of the Provincial Government.
C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO personnel regularly conducted monitoring at IDRRIP reforestation areas. At the same time, conducted brushing along the road to give way to the Narra and other tree samplings as part of its maintenance, at the same time for easy identification during documentation.
D. Other Related Activities		
1. Permaculture Development		The ENR Personnel together with the ISEP-TF continuously conduct cleaning activities within the pathways of the IPDC eco-park and beautification in the premises of Ale-ale Building.
2. Preparation Workshop of the 2024 Project Proposal for Risk Resiliency Program thru Cash for Work		October 4, 2022 - The Provincial Government of Isabela thru its Technical Working Group conducted 2024 Project Proposal Preparation Workshop at Amphitheater, Provincial Capitol, City of Ilagan, Isabela. Said workshop aimed at consolidating and incorporating all proposed plans of all City/Municipal LGUs of the Province in the final 2024 RRP-CCAM-CFW Project Proposal of the Provincial Government. A total of thirty-two (32) participants composed of various Municipal Social Welfare Development and Municipal Environment and Natural Resources Officers/Representatives.  October 26-28, 2022 - Attended the Program Review and Evaluation of CCAM-CFW implementation held at Diocitas Hotel, Santiago City. The workshop was aimed to review and evaluate the CCAM-CFW Project implementation in the province.

3. One Million Trees One Day Tree Planting Project Stakeholders' Meeting		October 6 and 13, 2022 - Another round of Stakeholders' Meetings was conducted by the PGI for the second and third batch of prospective donors and volunteers from the different government offices and private organizations/entities within the province to take part in the Reforestation Target Action dubbed as "One Million Bamboos in One Day Planting Activity". Led by Atty. Noel Manuel R. Lopez, Provincial Administrator; Atty. Elizabeth C. Binag, Provincial Information Officer; and For. Geronimo P. Cabaccan, Jr, ENR Officer of the PGI, the meeting aimed to seek pledges of support and commitment from all stakeholders present and be together as one in attaining this immense Reforestation Target Action "One Million Trees in One Day Tree Planting Project for this year 2022". As a result, the two meetings were able to attain commitment of more or less 250,000 bamboo propagules.
II. ENVIRONMENTAL MANAGEMI	ENT DIVISION	
A. Vermicomposting Facility	Production of Organic Fertilizer thru Vermicomposting	For this month, a total of <b>1,240 kgs.</b> were produced and <b>150 kgs.</b> were disposed to various requesting constituents, with a remaining stock balance of <b>21,240 kgs.</b> as of October 31, 2022.
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced a total of 20 kgs. charcoal briquettes for this month.
C. Maintenance of Organic Vegetable/Herbal Garden and Ecological Center	Maintenance of OrganicVegetable Garden, Materials Recovery Facility,Provincial Ecology Center and ENR Office premises.	Conducted brushing, cleaning, planting of vegetables and maintenance of organic vegetable garden with the assistance of GIP Job Orders from DOLE.
D. Monitoring of Sanitary Landfill Facility	Pursuant to the provisions of the Local Government Code (RA No. 7160) and Ecological Solid Waste Management (ESWM) Act of 2000 (RA 9003), LGUs are mandated as the primary responsible bodies for the implementation and enforcement of ecological solid waste management system within their respective jurisdiction.	Conducted monitoring and inspection of waste disposal facilities of different municipalities and the following were the observations, to wit:  1. SLF located at So. Namnama Brgy. Santos, Quezon, Isabela- The SLF is operational since 2012. One-fourth portion of the 1st cell was backfilled with soil and was planted with various trees as Ecopark. There are 2 scavengers present in the area and according to them, their collected recyclable waste per month reaches up to 300-400 kgs. It was likewise observed that the waste disposed in the area is not 100% residual waste but the area is not odorous. There are tree plantations established around the SLF compound and the collected biodegradable wastes coming from the market were piled near the forested area located at the back of the vermicomposting building.  2. SLF located at So. Sta. Catalina Brgy. Manano, Mallig, Isabela- There are personnel assigned in the area. The facility has MRF for final sorting, drainage canal, leachate pond although empty, monitoring well, vaults for hazardous waste, fence, and vegetation. It was observed that the cell is too deep and it has not yet been covered with soil since its operation in 2018. But according to MENRO Florence Estigoy, a second cell will be opened in the last quarter of 2023. The SLF is odorless and no flies were observed.

		3. RCA and proposed SLF Site at San Agustin, Isabela- The RCA caters only 4 urban barangays in the municipality. All collected plastic residual wastes with potential were shredded and placed in the MRF to minimize the space of the RCA. Although the MRF doors were broken and the recyclable and special waste accumulated in the MRF were scattered and not properly organized. The LGU has a plan to enter into a MOA with a certain contractor for the production of bricks. While the proposed SLF is located at Brgy. Santos, San Agustin, Isabela and has a total land area of 7 hectares with a 7 million budget for implementation next year.
E. Search for the Most Environment- Friendly Barangays in the Province of Isabela	The Provincial Government of Isabela-Provincial Solid Waste Management Board thru the Environment and Natural Resources Office as its implemeting arm paved way again for the conduct of Search for the Most Environment-Friendly Barangays to give due recognition and initiatives in the institutionalization of the solid waste management system within their respective jurisdictions as mandated under RA No. 9003 and its implementing rules and regulations.	Conducted evaluation on the Search for the Most Environment-Friendly Barangays in the province of Isabela. The Board of Evaluators includes representatives from the Department of Interior and Local Government (DILG) Provincial Office, DENR-EMB-PEMU, ENR Office representing the Isabela Local League of Environment and Natural Resources Federation and the PAYOGA/KAPATAGAN Multipurpose Cooperative Inc., an NGO, all of whom are members of the Provincial Solid Waste Management Board (PSWMB). The validation team is now in the 3rd and 4th week of the conduct of evaluation of entry to the following barangays; to wit:  1. Brgy. San Roque, San Mateom Isabela; 2. Brgy. Rizal, Delfin Albano, Isabela; 3. Brgy. District 2, San Manuel, Isabela; 4. Brgy. Arcon, Tumauini, Isabela; 5. Brgy. San Jose Sur, Mallig, Isabela; 6. Brgy. Labinab Pequeño, Reina Mercedes, Isabela; and 7. Brgy. Bungad, Tumauini, Isabela
F. Healthcare Waste Management Monitoring	Pursuant to the provisions of the Local Government Code (RA No. 7160) and the Ecological Solid Waste Management (ESWM) Act of 2000 (RA 9003), LGUs are mandated as the primary responsible bodies for the implementation and enforcement of ecological solid waste management system within their respective jurisdictions.	

		3. Prospero G. Bello Integrated Community Hospital- a. Septic vault and MRF are already full. Special/hazardous/infectious wastes were just placed in the corner at the back of the hospital. It was then suggested that the waste be placed in a bigger container e.g., drums while waiting for the hazardous waste transporter. b. Residual and special wastes were not collected regularly. Therefore, this office communicated the problem with the MENRO and they told that will follow the schedule of collection from now on.
G. Monitoring of RA 9003 & EO No. 33, series of 2020	Directing all LGUs to strictly implement the provision of RA 9003, enforce EO No. 33 enjoining the general public to be vigilant in reporting improper disposal of garbage, animal carcasses and other forms of uncleanliness to proper authorities.	For this month, this offfice conducted monitoring of barangays in the compliance of EO 33 and RA 9003, to wit: Brgy. San Roque, San Mateo; Brgy. Rizal, Delfin Albano; Brgy. District 2, san Manuel; Brgy. Arcon, Tumauini; Brgy. San Jose Sur, Mallig; Brgy. Labinab Puqueño, Reina Mercedes; Brgy. Bungad, San Pablo.
H. Monitoring of Approved 10-Year ESWM Plans		Personnel from this office conducted monitoring of municipalities/cities with approved 10-Year ESWM Plans regarding the implementation of their respective 10-year plans. Municipalities of San Mateo, Delfin Albano, San Manuel, Tumauini, Mallig, Reina Mercedes and San Pablo.
I. Other Related Activies		
Maintenance of Materials Recovery     Facility	Weighing of various recyclable, special/hazardous and residual wastes collected from the different offices of the Capitol premises, brought to the ENRO Material Recovery Facility for final segregation and recovery of wastes with potential for diversion.	Wastes were segregated and compiled according to waste composition in kilograms, to wit: Plastics-13.50 kgs.; Carton-23 kgs. and Papers- 172.50 kgs. with a total of 209 kilograms.
B. Monitoring and verification on the Existing Munufacturing, Packaging and Recycling Industries		Conducted monitoring and verification on the Existing Manufacturing, Packaging, and Recycling Industries of Isabela in the following municipalities, to wit:  1. Alicia- There are possible recycling and manufacturing industries in the municipality but yet to be organized, according to the MENRO Designate 2. Aurora- None  3. Echague- Panganay JunkshopThey used a recycled steel bar and galvanized iron to make an animal cage - There are two big industries found in the locality but were not able to enter the compound due to lack of time.  4. Jones-None 5. Mallig-None 6. Quezon-None 7. Roxas-None 8. San Agustin-None 9. San Manuel- "MECKA" Vinegar, Soy Sauce and Patis Manufacturing and Packaging

III. MINERAL RESOURCES MANAGEMENT DIVISION		
A. Processing and Issuance of Permits	The ENR Office as implementing arm of the Provincial Government of Isabela in ENR concern is tasked to implement Mining Laws, Rules and Regulations within the province.	For this month of September, no CSAG Permit applications were processesed and issued.
B. Accreditation of Haulers	The ENR Office is responsible in field verification and evaluation of quarry area to determine compliance of permit holders/haulers to environmental laws, rules and regulations. Also, regular monitoring of extraction of sand and gravel and other quarry resources is conducted which shall serve as basis for the collection of taxes and other related fees by the Provincial Treasurer's Office.	A total of One (1) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Two Thousand Five Hundred (Php 700.00) Pesos and Seven Hundred (Php 700.00) Pesos for Accreditation Sticker of 7 equipment.
C. Site Verification and Inspection of Mining/Quarry Sites		For this month, no investigation and site verification of Mining/Quarry Sites were conducted.
D.Field Monitoring of Quarry Areas		For this month, 33,659.00 cu.m. quarry resources were extracted representing 766.00 ordinary earth, 22,594.00 Mixed, 4,314.00 G1/S1 and 5,985.00 Boulders with corresponding value of P1,337,075.00 representing P22,980.00 Ordinary Earth, P790,790.00 Mixed, P194,130.00 G1/S1 and P329,175.00 Boulders.
IV. OTHER PROGRAM/PROJECT/	ACTIVITY	
1. PRDP related activities	As part of TWG, the ENR Office is in-charge in the Social and Environmental Safeguards (SES) concerns of various PRDP subprojects	Personnel of this office attended the Business Plan Review and Evaluation of the Mungbean Production and Marketing Enterprise of Isabela Grains MPC an DRRM Training for PRDP Proponent Groups.
2. Meetings, Seminars, Trainings and Workshops Attended		October 12-14 2022 - Attended 3-day Marine Protected Area Network - TWG Strategic Manning at Japi, Cauayan City, Isabela.  October 20, 2022 - Attended Introductory Webinar on Circular Economy "A key element in Achieving Environment & Natural Resources Component on the Philippines" nationally determined contribution virtually via Zoom.  October 19-22, 2022 - Personnel of this Office led by ENR Officer, For. Geronimo P. Cabaccan, Jr., attended the 13th Philippine League of Local Environment and Natural Resources Officers, Inc. National Convention held at Butuan Grand Palace Hotel, Butuan City, Agusan Del Norte, with the Theme: "Local ENROs Responding to the DTP Challenges in the New Normal"
CONSOLIDATED BY:  JESSA C. RIVERO		IVY M GATAN
Community Development Ass	RTIFIED CORRECT:	C/Administrative Officer I

GERONIMO P. CABACCAN, JR.

Environment and Natural Resources Officer

Pictures taken during the conduct of on-site inspection of Beach and Mangrove Forest Rehabilitation Projects located at Brgys. Maligaya, Culasi and San Isidro, Palanan and Brgys. Bicobian and Dimasalansan, Divilacan, Isabela last October 3-7, 2022.







### Conducted inspection of riparian and watershed project site at Echague, Isabela on October 13, 2022









Conducted inspection of riparian and watershed project site at San Guillermo, Isabela on October 11, 2022.

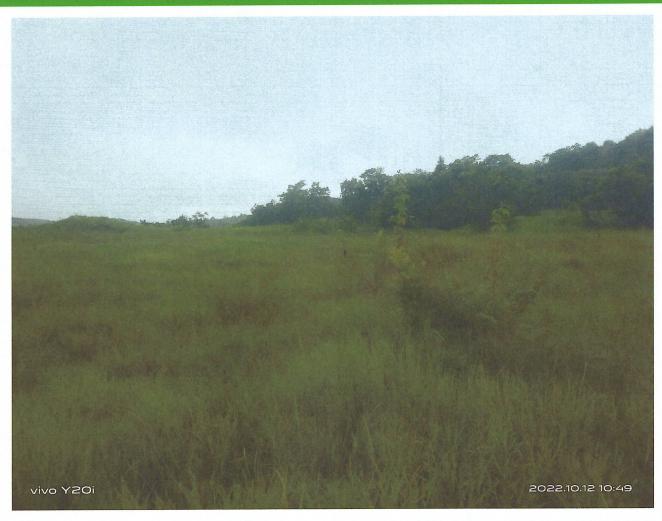


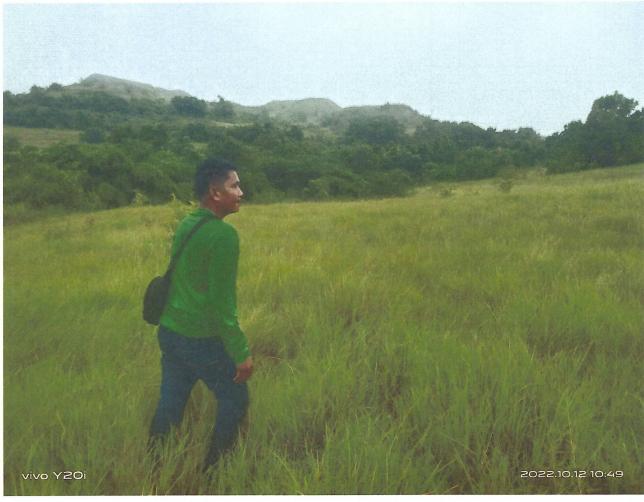






Conducted site inspection for province-wide One Million Trees One Day Tree Planting Activity at ISU Cabagan Campus on October 12-13, 2022.





Hauled bamboo propagules at SDO Cauayan on October October 25, 2022 to be used for the 1 Million Trees 1 Day

Tree Planting Project.



ENRO staff assisted in the conduct of cash payout relative to the RRP-CCAM-Cash for Work Program under DSWD in Mallig, Isabela on October 6, 2022





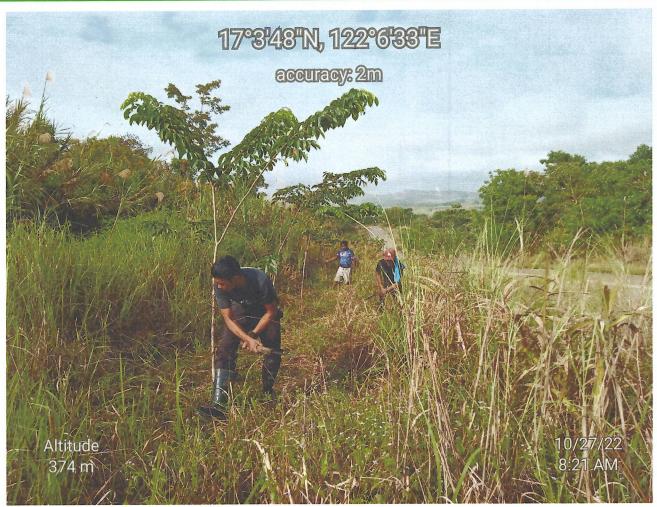
Pictures taken during the conduct of clearing activities within the pathways of the IPDC eco-park and beautification in the premises of Ale-ale Building for the month of October, 2022.





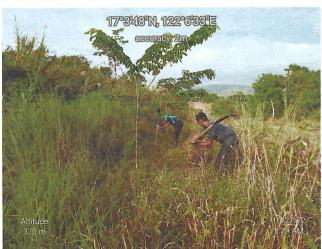
















### Photos taken during the Monitoring of Healthcare Facilities



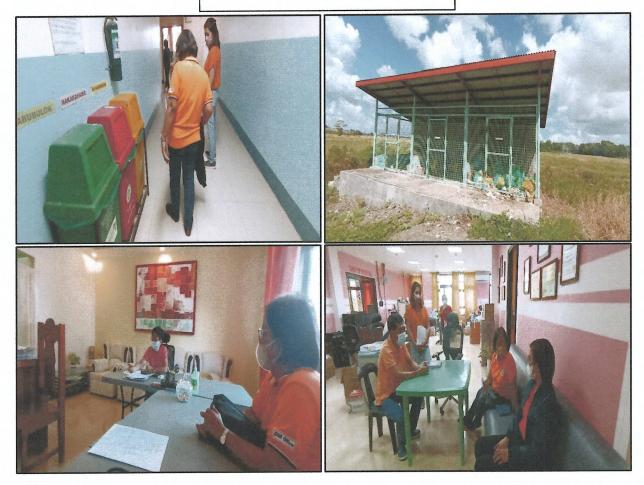








#### Roxas District Hospital

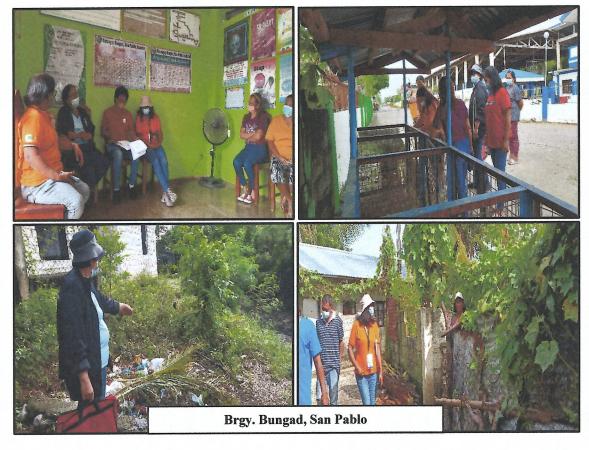


### Photos taken during the Monitoring of Residual Containment Area

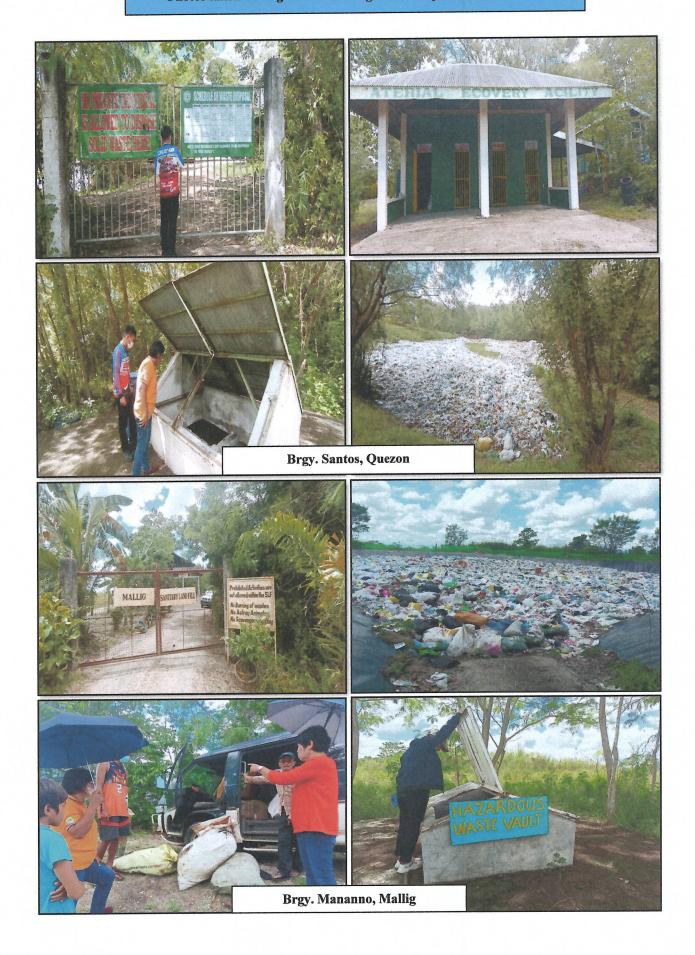


## Pictures taken during The Conduct Of Search For The Most Environment Friendly Barangays





## Photos taken during the Monitoring of Sanitary Landfill Facilities



Field monitoring of sand and gravel extraction at the different quarry sites in the province for the month of October, 2022.





Photos taken during the conduct of One Million Trees in One Day Tree Planting Project 2<sup>nd</sup> Batch Special Meeting held at Blue Room, Capitol Building, City of Ilagan on October 6, 2022.







Photos taken during the 13<sup>th</sup> Philippine League of Local Environment and Natural Resources Officers, Inc. National Convention held at Butuan City, Agusan Del Norte last October 19-22, 2022.







Photos taken during the conduct of One Million Trees in One Day Tree Planting Project 3<sup>rd</sup> Batch Special Meeting held at Blue Room, Capitol Building, City of Ilagan on October 13, 2022.

