



ENVIRONMENT AND NATURAL RESOURCES

September

MONTH

2022

YEAR

Accomplishment Report

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
I. FOREST MANAGEMENT AND CONSERVATION DIVISION		
A. Forest Resources Development Activities:		
1. Nursery Operations & Maintenance Works		
a. Production/Propagation and Disposition of seedlings	Production, propagation and procurement of seedling stock and disposition of seedlings	<p>Number of seedlings produced: A total of 4,297 seedlings produced comprising of 4,161 assorted forest trees and 136 assorted fruit bearing seedlings, respectively.</p> <p>Number of seedlings released: A total 2,600 assorted seedlings were disposed to various requesting constituents composed of 1,684 forest tree seedlings, 903 fruit-bearing tree seedlings, and 13 propagules;</p> <p>However, 3.2% mortality was incurred.</p> <p>Stock balance: 43,551 seedlings as of September 30, 2022.</p>
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	<p>Supervised and led by ENRO personnel assigned, 2 contractual and 4 job-order service providers ensures the conduct of regular maintenance and operations of the nursery. Activities include improvement of seedling beds, soil potting, and transplanting and sorting of seedlings.</p> <p>Also, ENR Personnel and some members of ISEP-TF Operatives conducted clean-up drive and nursery beautification activities which include landscaping, weeding, grass cutting, watering of seedlings, sorting of seedlings and proper disposal of rotten Polyethylene bags.</p> <p>Further, on September 30, 2022, personnel of this Office conducted site inspection of the Mega Nursery located at Brgy. Villa Imelda to identify rehabilitative activities for the facility. Together with the Barangay LGU, this Office aims to redevelop the area for nurturing seeds and wildlings collected for production by the ISEP-TF; at the same time, shall serve as model barangay eco-park.</p> <p>Recommendations include immediate conduct of repair and maintenance activities to salvage the facilities and avoid its further degradation caused by unwanted grasses and other vegetation, and stray animals.</p>

<p>2. Climate Change Mitigation/Adaptation and DRRM Initiaves</p>	<p>Implementation of forest rehabilitation and other greening efforts such as but not limited to watershed rehabilitation, agro-forestry, 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.</p>	<p>Riparian Rehabilitation Project: Sto. Tomas, Isabela - On September 16, 2022, personnel of this Office assisted in the implementation of Riparian Rehabilitation Project in Sto. Tomas, Isabela. Under this project, a total of 1,000 bamboo propagules were provided to LGU as counterpart to the RRP-CFW Program. Specifically, at Brgys. Canogan Norte and Canogan Sur, a total of 200 bamboos were planted in single strip with 3-meter spacing along the Cagayan River. The other propagules were distributed and planted in Brgys. San Rafael Abajo, Ammugauan, Bagabag, Calanigan and Calinaoan, Sto. Tomas, Isabela. Together with the CFW beneficiaries, the activity was also participated by SK and Barangay Officials and DSWD Personnel.</p> <p>Agroforestry cum Carbon Sink Plantation: Cordon, Isabela - on September 22, 2022, personnel of this Office conducted monitoring on the established Agroforestry cum Carbon Sink Plantation established last year of 2022. The area is located at the LGU's Municipal Eco Park. As observed, the seedlings planted has already survived as shown by healthy foliage. Monitoring activities was part of the commitment of the Provincial Government in ensuring that the established projects are properly maintained 'and protected by the partner LGU as committed by them, considering that the seedling requirement was provided by the PGI under its CCM/A and DRRM Program.</p> <p>At the same time, bamboos planted by the CFW beneficiaries were also inspected. The area was also located within the Cordon Municipal Eco-Park as part of their watershed rehabilitation component.</p> <p>Lastly, ENRO Personnel also assisted in the conduct of cash payout relative to the RRP-CCM/A - Cash for Work Program under the DSWD, in the following municipalities:</p> <p>September 9, 2022 - Dinapigue, Isabela September 20, 2022 - Ramon, Isabela September 21, 2022 - Cabagan, Isabela Septemer 21, 2022 - Cordon, Isabela</p>
<p>B. Forest Protection and Law Enforcement Activities:</p>		
<p>1. Manning of Checkpoints</p>		
<p>a. Foot/mobile Patrolling and Surveillance</p>	<p>Foot/mobile patrolling and surveillance of illegal cutting and transporting of forest products.</p>	<p>ENRO and ISEP-TF personnel conducted surveillance and mobile patrol in the following areas, to wit:</p> <ul style="list-style-type: none"> - 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 <p>Also, assisted in monitoring sand and gravel extraction activities.</p>

b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	For this month, ISEP-TF operatives assigned at forest protection, were able to apprehend one hundred ninety-seven (197) pieces of Red and White Lauan Lumber, and one hundred seven (107) pieces of Narra flitches with a total volume of 7,630.33 board feet.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	No utilization/donation of forest products was recorded for this month.
3. Other Activites	Seedlings Production	<p>Seeds and wildlings collection and potting were continously conducted by the operative members.</p> <p>For this month, the production of Monitoring Checkpoints based in Abuan, Ilagan, Marana 3rd, Ilagan and Benito Soliven were already transferred at the provincial nursery for further hardening.</p> <p>Seedlings produced shall be utilized for future tree growing activities of the Provincial Government.</p>
C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	Personnel of this Office conducted monitoring and documentation of IDRRIP Reforestation Areas on September 22,2022 and September 28, 2022, respectively. Photos and videos obtained already showed significant improvement of the planted areas.
D. Other Related Activities		
1. Permaculture Development		Cleaning activities within the pathways of the IPDC eco-park and beautification in the premises of Ale-ale Building is contionuously and regularly conducted by ENR Personnel together with the ISEP-TF operative members.
2. Reforestation Target Action: 1 Million Trees 1 Day Tree Planting Project Meeting		On September 20, 2022, this Office facilitated the conduct of Special cum Preparatory Meeting in the relaunch of the One Million Trees One Day Tree Planting Project. Presided over by ENR Officer, For. Geronimo P. Cabaccan, Jr., the meeting was attended and actively participated led by Provincial Administrator, Atty. Noel Manuel R. Lopez; Executive Assistant IV, Atty. Elizabeth C. Binag; SK Federation President, Hon. Dax Paolo C. Binag; Lnb Pesident, Hon. Dante G. Halaman; and representatives from different sectors, specifically DENR-PENRO, ISU, DepEd Isabela, DepEd Ilagan City, DepEd Cauayan City, and various chapters of Eagles Club. The caucus resulted in the committment of providing planting materials from the said institutions, as well as active participation in the eventual preparation and implementation of the project. The meeting was held at the Blue Room, Provincial Capitoi Building.

<p>3. Isabela League of Local Environment and Natural Resources Officers (ILLENRO) 3rd Quarter Meeting</p>		<p>This Office led by ENR Officer, For. Geronimo P. Cabaccan, Jr. hosted the 3rd Quarter Meeting of the Isabela League of Local Environment and Natural Resources Officers (ILLENRO) on September 20, 2022 at the Amphitheater, Provincial Capitol, City of Ilagan, Isabela. Agenda include the presentation of the One Million Trees One Day Project, updates on the implementation of Risk Resilience Program thru Cash for Work, presentation on data profiling on biodiversity conservation and enhancement programs as part of SGLG criteria, ELCCAP Preparation and the presentation of findings and other observations relative to SLF/RCA monitoring.</p> <p>Representing their respective LGUs, most of the City/Municipal ENROs also committed number of bamboo propagules as their commitment to the One Million Trees project.</p>
<p>4. Risk Resiliency Program thru Cash for Work 2023 Project Proposal Preparation Workshop</p>		<p>The Provincial Government of Isabela led by the Risk Resiliency Program thru Cash for Work (RRP-CFW) Provincial Technical Working Group conducted the 2024 Project Proposal Preparation Workshop on September 29, 2022 at the 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 202 RRP-CCAM-CFW Project Proposal of the Provincial Government. Scheduled in two batches, the first day was attended by City/Municipal ENROs and SWDOs of LGUs in the first to third districts of the province. Major output was their individual action plan which shall serve as the basis for the finalization of the province's final proposal output.</p>
<p>II. ENVIRONMENTAL MANAGEMENT DIVISION</p>		
<p>A. Vermicomposting Facility</p>	<p>Production of Organic Fertilizer thru Vermicomposting</p>	<p>For this month, a total of 840 kgs. were produced and 170 kgs. were disposed to various requesting constituents, with a remaining stock balance of 20,150 kgs. as of September 30, 2022.</p>
<p>B. Production of Green Charcoal</p>	<p>Production of charcoal briquettes out of paper waste to minimize the impact of paper waste</p>	<p>Produced 18 kgs. charcoal briquettes</p>
<p>C. Maintenance of Organic Vegetable/Herbal Garden</p>	<p>Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.</p>	<p>Conducted brushing, cleaning, planting of vegetables and maintenance of organic vegetable garden with the assistance of GIP Job Orders from DOLE.</p>


<p>D. Monitoring of Sanitary Landfill Facility</p>	<p>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.</p>	<p>Conducted monitoring and inspection of waste disposal facilities of different municipalities, to following were the observations, to wit:</p> <p>1. SLF located at Brgy. Palutan, San Mariano, Isabela- Started its operation in 2018 and now the 1st cell was almost full. Accepted biodegradable wastes for their production of organic fertilizer. There are personnel steadily assigned as segregators. Mahogany trees were planted served as shelterbelts.</p> <p>2. SLF located at Brgy. Danipa, Benito Soliven, Isabela- Started its operation last August, 2022. It was observed that waste were scattered everywhere because there is no vehicle to transport the waste from the Residual Containment Area to the Cell, for the reason that it is done manually. They have a glass bottle shredder for bricks making. There is no fence established and the road is not accessible from the SLF.</p> <p>3. SLF located at Brgy. San Manuel, Naguilian, Isabela- Operational since February, 2022 and has an area of 10 has. IHas an established & functional MRF, RCA composting facility and special wastes septic vault. It accomodates mixed wastes wherein sorters segregates the wastes and were paid by the LGU. The cell was odorless because only residual wastes were being thrown to the cell.</p> <p>4. SLF located at Brgy. Marasat Pequeño, San Mateo, Isabela- Operational since 2021 with an area of 2 has. No established infrastructure except for SLF cell and on-going construction of shed for the biodegradable shredder and composter machine. No flies seen and the site is odorless. Leachate ponds were covered with net to avoid the entry of frogs and other rodents. Has an existing tree plantaion which served as shelterbelts and carbonsink sequestration.</p> <p>5. SLF located at Brgy. San Miguel, San Manuel, Isabela- Operational since 2021 and the area is 5 has. The municipality of Cordon is being accomodated for their residual wastes through a Memorandum of Underatking. A clay liner that is two to five feet thick is installed to protect the ground water from landfill contaminants as per advised by the DENR-EMB. This method is a natural liner wherein using of HDPE is not necessary.</p>
<p>E. Search for the Most Environment-Friendly Barangays in the Province of Isabela</p>	<p>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 acknowledgement to those barangays of the province demonstrating exemplary performance and initiatives in the institutionalization of the Solid Waste System within their respective jurisdiction as mandated under R.A. No. 9003</p>	<p>The Provincial Government of Isabela thru the Environment and Natural Resources Office led the conduct of evaluation on Search for the Most Environment Friendly Barangays in the Province of Isabela. There were twenty four (24) entry barangays submitted for evaluation coming from the two (2) cities and twenty two (22) municipalities of the Province.</p> <p>The Board of Evaluators of said Search were the representative coming from DILG, DENR-EMB-PEMU, ENR Office representing the PLENRO, Office of the SK Federation and PAYOGA/KAPATAGAN Multi-Purpose Coop, Inc. an NGO all of whom are members of the Provincial Solid Waste Management Board (PSWMB)</p>

		<p>For this month, the validation team conducted an evaluation based on the criteria that has been agreed upon during the PSWMB meeting. For the 2nd week of evaluation, the following were the barangays evaluated, to wit: Brgy. Quezon, San Isidro, to wit:</p> <ol style="list-style-type: none"> 1. Brgy. Dalig, Burgos; 2. Brgy. San Juan, Quirino 3. Brgy. Dumauing, Jones; 4. Brgy. Anonang, San Guillermo; 5. Brgy. Pangal Norte, Echague; 6. Brgys. Anao, Casibarang Sur & Norte, Cabagan; and 7. Brgys. Mabini & District 3, Gamu.
E. Clean-up Drives on Creeks, Rivers and Ocean Sea Shores	<p>The Provincial Government of Isabela through this Office conduct this activity to help reduce the greenhouse gases and fight climate change improving the quality of the natural environment and to enhance the capability of the community to promote and create public awareness on waste management and environmental concerns.</p>	<p>Conducted Clean-up Drive activities cum Information, Education and Communication (IEC) in observance of the National Clean-up Month along the stretch of Magat River at Brgy. Saranay, Cabatuan. The activity was participated by various partners and stakeholders; the DENR-Provincial Environmental Management Unit, the Municipal LGU counterparts and constituents from the barangay. After the clean-up activity, an informal IEC/orientation on the salient features of RA 9003 was undertaken. About 900 kgs. of assorted wastes to include bottles and broken glasses were collected.</p>
F. Healthcare Waste Management Monitoring	<p>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.</p>	<p>Conducted monitoring of healthcare waste management of Cauayan District Hospital with the following observations, to wit:</p> <ol style="list-style-type: none"> 1. Healthcare wastes were collected by the Integrated Waste Management Inc. (IWMI), a private hazardous transporter. As of June, 2022 their wastes had been collected thrice with an approximate weight of 2,103 kilograms. 2. Lack of garbage bins both for solid and hazardous/infectious wastes. 3. Lack of Materials Recovery Facility (MRF) for recyclable wastes. <p>And after which, Dr. Rhodora Gaffud, the chief of hospitals requested for the provision of trash bins for infectious wastes and MRF for recyclable wastes.</p>
G. Monitoring of RA 9003 & EO No. 33, series of 2020	<p>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 uncleanness to proper authorities.</p>	<p>For this month, this office conducted monitoring of barangays in the compliance of EO 33 and RA 9003, to wit: Brgy. Quezon, San Isidro; Brgy. Osmeña, Cordon; Brgy. Villa Marcos, Ramon; Brgy. Canan, Cabatuan; Brgy. Mambabanga, Luna; Brgy. Harana, Luna; Brgy. Alibagu, City of Ilagan; Brgy. Dalig, Burgos; Brgy. San Juan, Quirino; Brgy. Anonang, San Guillermo; Brgy. Dumauing, Jones; Brgy. Pangal Norte, Echague; Brgy. Anao, Casibarang Sur & Norte, Cabagan; Brgy. Anao, Cabagan; Mabini & District III, Gamu.</p>
H. Monitoring of Approved 10-Year ESWM Plans		<p>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 Cabagan, Echague, Cabatuan, Ramon, Luna, Quirino, Burgos, San Isidro, Cordon and City of Ilagan, Isabela were among the municipalities/city monitored.</p>

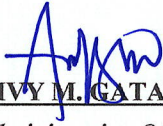
I. Other Related Activies		
1. Maintenance of Materials Recovery Facility	Weighing of various recyclable, special/hazardous and residual wastes collected from the different offices of the Capitol premises, brought to the ENRO Material Recovery Facility for final segregation and recovery of wastes with potential for diversion.	Wastes were segregated and compiled according to waste composition in kilograms, to wit: Plastics-8 kgs.; Carton-15 kgs. and Papers-2.5 kgs. with a total of 25.5 kilograms.ms.
2. 3rd Quarter of PSWMB Meeting		The Provincial/City/Municipal Solid Waste Management Board jointly conducted its 3rd Quarterly meeting with the Isabela PPOC, Isabela PDC, Isabela PADAC and Isabela PTF-ELCAC on September 28, 2022 at GFNDy Session Hall (Amphitheater), Provincial Capitol, City of Ilagan, Isabela. The agenda were the Status of the Provincial/City/Municipal LGU's 10-year Ecological Solid Waste Management Plans and Waste Disposal Facilities.
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 processed 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 Four (4) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Ten Thousand Eighty (Php10,080.00) Pesos and One Thousand Nine Hundred (Php 1,900.00) Pesos for Accreditation Sticker of 19 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, 50,056.00 cu.m. quarry resources were extracted representing 156.00 ordinary earth, 37,190.00 Mixed, 2,525.00 G1/S1 and 10,185.00 Boulders with corresponding value of P1,980,130.00 representing P4,680.00 Ordinary Earth, P1,301,650.00 Mixed, P113,625.00 G1/S1 and P560,175.00 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 sub-projects	Personnel of this office assisted in the conduct of Regional Operations Management Audit of the completed San Jose Small Water Impoundin Project of PRDP. On September 6, 2022, the team evaluated the operation, management and maintenance of the said sub-project. Also, on September 7, 2022, assisted in the facilitation of the Citizens Monitoring Training for the Rehab/Improvement of San Juan-Barucboc-Estrada-Dummon Farm to Market Road sobproject at Quezon, Isabela.

<p>2. Meetings, Seminars, Trainings and Workshops Attended</p>		<p>September 8, 2022 - Attended the Isabela Provincial Cooperative Development Council (IPCDC) 3rd Quarter Meeting at Blue Room, Provincial Capitol.</p> <p>September 27, 2022 - Attended Orientation on the Revised Comprehensive Land Use Plan/Zoning Ordinance Review by Approval Process virtually via Zoom</p> <p>September 28-30, 2022- Attended Multi-Partite Monitoring Team Tumauni River Multi-Purpose Project (MMT-TRMP) Capacitation Training & Workshop at NIA_TRMP-PMO Conference Hall, Lingaling, Tumauni, Isabela.</p> <p>September 29, 2022 - Attended the 3rd Quarter Fuyot Spring Natural Park - Protected Area Management Board Meeting held at Pinaroc Hall, DENR-PENRO Isabela.</p> <p>September 30, 2022- Attended 3rd Quarter Provincial Environment Law Enforcement Council virtually via Zoom.</p>
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CONSOLIDATED BY:




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CERTIFIED CORRECT:



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Photos taken during the conduct of documentation of the Reforestation Areas specifically along roadside of Ilagan-Divilacan Road on September 28, 2022.



RRP-CFW Beneficiaries Payout at Echague, Isabela on September, 29, 2022.



Photos taken during the conduct of site visit and inspection of watershed project areas at Cordon, Isabela.



Pictures of the activities conducted at the ENRO Provincial Nursery for the month of September, 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 September, 2022.



ISEP-TF Operative Members during their conduct of Seedling Production Activities, which include wildlings collection, potting and transplanting.



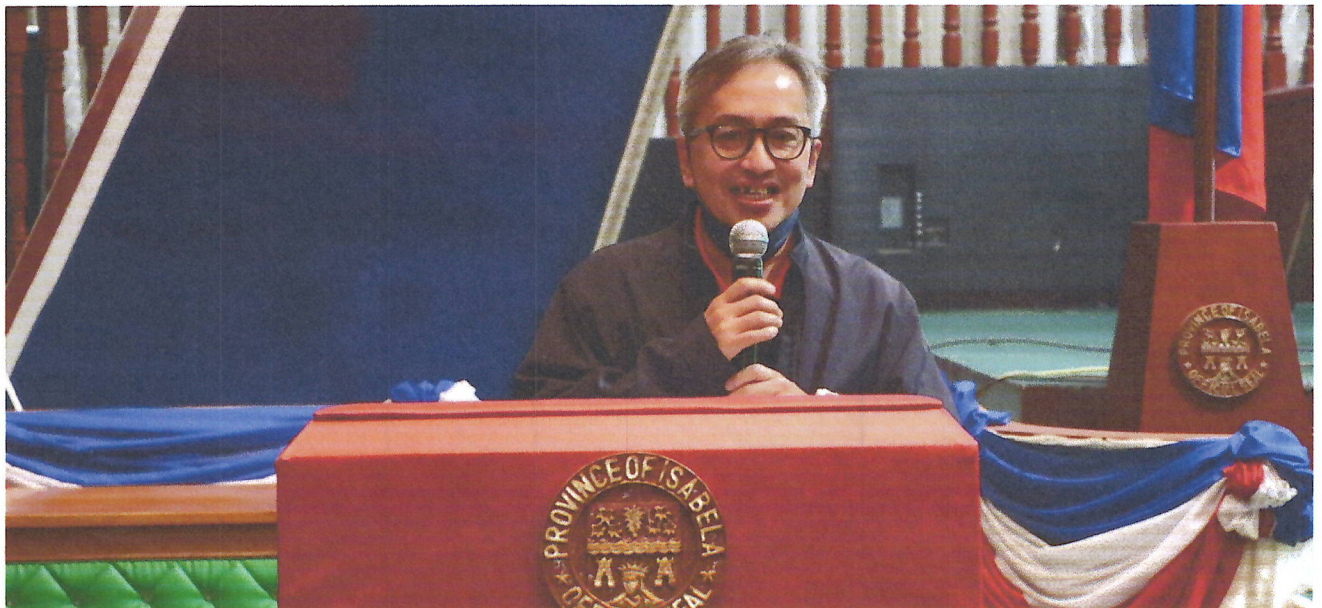
Pictures taken during the conduct of Riparian Rehabilitation Project thru Cash-for-Work at Brgy. Canogan Norte and Canogan Sur, Sto. Tomas, Isabela last September 16, 2022.



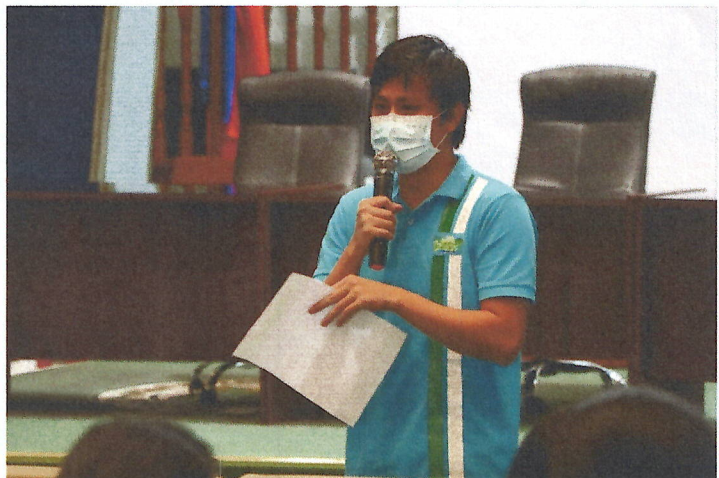
Pictures taken during the conduct 1 Million Trees 1 Day Tree Planting Project Meeting at Blue Room, Capitol Building, City of Ilagan, Isabela last September 20, 2022.



3rd Quarter Meeting of the Isabela League of Local Environment and Natural Resources Officers (ILLENRO) at Amphitheater, Capitol Building, City of Ilagan, Isabela last September 20, 2022.



Pictures taken during the conduct of Risk Resiliency Program thru Cash for Work 2023 Project Proposal Preparation Workshop on September 29, 2022 at Amphitheater, Capitol Building, City of Ilagan, Isabela.



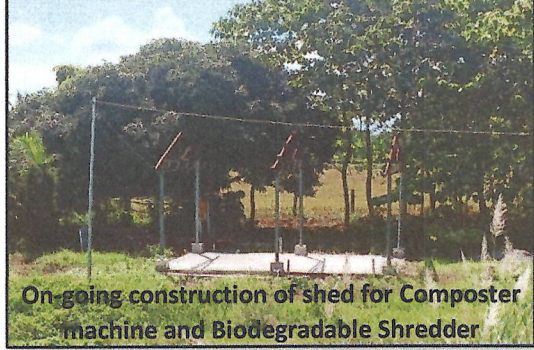
PRODUCTION OF ORGANIC FERTILIZER THRU VERMICOMPOSTING



CONDUCT ON SEARCH FOR THE MOST ENVIRONMENT-FRIENDLY BARANGAYS



MONITORING OF SANITARY LANDFILL FACILITIES



On-going construction of shed for Composter machine and Biodegradable Shredder



Tree Plantation

CLEAN-UP DRIVE ACTIVITIES CUM IEC IN OBSERVANCE OF NATIONAL CLEAN-UP MONTH



MONITORING OF HEALTH CARE WASTE MANAGEMENT



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

