



**ENVIRONMENT AND NATURAL RESOURCES**

November

MONTH

**Accomplishment Report**

2021

YEAR

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
<b>I. FOREST MANAGEMENT AND CONSERVATION DIVISION</b>		
<b>A. Forest Resources Development Activities:</b>		
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 released: A total of 6,269 assorted seedlings were disposed to various requesting constituents composed of 2,049 forest tree seedlings, 2,938 fruit-bearing tree seedlings, 22 coconut and 1,260 bamboo propagules;</p> <p>A total of 4,526 assorted seedlings and propagules were produced. However, mortality rate at 12% was incurred.</p> <p>Stock balance: <b>53,663 seedlings</b> as of November 29, 2021</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 collection and propagation; and other activities that were assigned to be accomplished during the period	Conducted continuous nursery regular maintenance and operational activities such as seedling bed improvement, soil potting, seeds and wildlings collection, transplanting and sorting of seedlings. A small fruit orchard is also maintained for development.
2. Climate Change Mitigation/ Adaptation and DRRM Initiatives	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><b>Riparian Rehabilitation Project:</b>  <b>Echague</b> - implemented the project in partnership with LGU MENRO. A total of 1,000 bamboo propagules were planted on November 11, 2021 along the Cagayan River within Barangay Annafunan. The activity was actively participated by the LGU MENRO Personnel and Barangay constituents led by their Punong Barangay.</p>
<b>B. Forest Protection and Law Enforcement Activities:</b>		
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 patrolling along rivers at Bintacan, Cabisera 8, Cabisera 10, Sindun Bayabo and Cabisera 22, City of Ilagan and along the Ilagan-Divilacan Road and at Antagan, Tumauni, Benito Soliven and San Mariano forest areas. Acted on information provided by concern citizens



b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	No reported apprehension for this month
2. Donation/Utilization of Forest Products	Granting of request for wood materials	For this month, a total of <b>80 pieces</b> of CHW lumbers with volume of <b>1,549.33 bd.ft.</b> were utilized by the province in different government projects
3. Other Activities	Seedling production	Seeds and wildlings collection were continuously conducted and potted. A total of 4,656 seedlings were produced for this month as follows: Narra-3,500; Hunggo-206, Red Lauan-400; Kulipapa-200 and Tindalo-150
<b>C. Activities Undertaken in Support of IDDRIP</b>	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO together with PGSO personnel conducted inspection of work accomplished on planting and maintenance activities of reforestation areas along Ilagan-Divilacan Road currently conducted by the winning contractor. Planting and maintenance activities of 250-hectare RTA and 50-hectare IDR roadside reforestation areas were already accomplished

## **II. ENVIRONMENTAL MANAGEMENT DIVISION**

<b>A. Vermicomposting Facility</b>	Production of Organic Fertilizer(Vermicasts) thru vermicomposting	For this a month, a total of <b>1,600 kgs.</b> were produced and <b>360 kgs.</b> were disposed to various requesting constituents, with a remaining stock balance of <b>11,830 kgs.</b> as of November 30, 2021
<b>B. Production of Green Charcoal</b>	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced <b>12 kgs.</b> of charcoal briquettes
<b>C. Clean-up Drives on Creeks, Rivers and Ocean Sea Shores</b>	The Provincial Government of Isabela through this Office conducted 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.	Conducted clean-up drive along Abuan River banks of Cabisera 10, City of Ilagan, Isabela on November 19, 2021. The collected wastes composed of five (5) kilograms plastic bottles and thirty (30) kilograms residual wastes was turned-over to the Barangay Officials for proper disposal and requested the officials to put up signages related to proper waste management within the entry points of the river for public awareness and strict compliance. It was observed that most of the collected wastes came from the local tourist and residents thereat.
<b>C. Maintenance of Organic Vegetable/ Herbal Garden</b>	Maintenance of Organic Vegetable Garden, Material Recovery Facility, Provincial Ecology Center and ENR Office surroundings.	Conducted activities by the Job Order Employees hired by the ENR Office.





<p><b>D. Carbon Sink Plantation</b></p>	<p>Carbon Sink Plantation Project is intended as Climate Change Mitigation/Adaptation and Disaster Risk Reduction and Management Measures in partnership with the local government units and concerned barangays. Its purpose is to dissipate greenhouse gas concentration which aims to contribute in arresting such gases in the atmosphere by the trees when fully grown that will serve as carbon sinks.</p>	<p>The PGI through this Office implemented Carbon Sink Plantation Project in partnership with MLGU-Jones at Barangay Dibuluan, Jones, Isabela with an approximate area of 2 hectares. The PGI provided <b>480 forest trees and 1,244 fruit bearing trees</b> with a total of <b>1,724 seedlings</b>. The activity was participated by the MENRO, PGI-ENRO and the ISEP-Task Force. The LGU concerned will be responsible in the establishment, protection and maintenance activities as counterpart for at least three (3) years when the seedlings can already manage to survive the harsh environment.</p>
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**III. MINERAL RESOURCES MANAGEMENT DIVISION**

<p><b>A. Field Monitoring of Quarry Areas</b></p>	<p>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.</p>	<p>For this month, <b>49,157.00 cu. m.</b> quarry resources were extracted representing 480.00 Ordinary Earth, 43,715.00 Mixed, 1,213.00 G1/S1 and 3,749.00 Boulders with a total value corresponding to P1,805,205.00 comprising P14,400.00 Ordinary Earth, P1,530,025.00 Mixed, P54,585.00 G1/S1 and P206,195.00 Boulders</p>
<p><b>C. Minahang Bayan</b></p>		<p>Prepared and submitted Environmental Impact Assessment for review of the Environment Bureau.</p>

**IV. OTHER PROGRAM/PROJECT/ACTIVITY**

<p>1. PRDP related activities</p>	<p>As part of TWG, the ENR Office is in-charge in the Social and Environmental Safeguards (SES) concerns of various PRDP sub-projects</p>	<p>Prepared and finalized SES documents for the Pineapple Production and Marketing Enterprise subproject and Submitted SES compliances for the Burgos Warehouse subproject</p>
<p>2. Meetings, Seminars, Trainings, Workshops Attended</p>		<p><b>November 16, 2021-</b> Conducted virtual meeting with members of the Isabela League of Local ENR Officers. The main agenda was the presentation on the devolved environmental functions relative to the implementation of Mandanas Ruling.  <b>November 18-19, 2021-</b> Attended virtual MGB Stakeholders' Forum: #MineResponsibility: Know Mine, Know Life.  <b>November 25-26, 2021-</b> Attended virtual Solid Waste Management Association of the Philippines (SWAPP) Conference with the theme "Covid-19 Wastes: Responses and Challenges"</p>

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