



ENVIRONMENT AND NATURAL RESOURCES

December

MONTH

Accomplishment Report

2021

YEAR

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 released: A total of 1,525 assorted seedlings were disposed to various requesting constituents composed of 585 forest tree seedlings, 865 fruit-bearing tree seedlings, 55 bamboo propagules, and 20 beetle nut;</p> <p>A total of 495 assorted seedlings and propagules were produced. However, mortality rate at 9% was incurred.</p> <p>Stock balance: 47,551 seedlings as of December 31, 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.
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>Agro-Forestry Project:</p> <p>Cordon - implemented the project in partnership with LGU MENRO. A total of 1,500 assorted seedlings of native forest and fruit-bearing were planted on December 3, 2021 covering an area of 2 hectares with the Municipal Eco-Forest Park at Barangay Capirpirwan. The activity was actively participated by the LGU led by Mayor Lyn Zuniega, constituents of Barangay Capirpirwan, members of PNP and BFP and some employees of DepEd and DENR-CENRO San Isidro.</p>
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 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, Tumauini, 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, no donation or utilization of forest products was reported
3. Other Activities	Seedling production	Seeds and wildlings collection were continuously conducted and potted. As well maintenance of the previously collected wildlings.
II. ENVIRONMENTAL MANAGEMENT DIVISION		
A. Vermicomposting Facility	Production of Organic Fertilizer(Vermicasts) thru vermi and regular composting	For this month, a total of 500 kgs. were produced and 360 kgs. were disposed to various requesting constituents, with a remaining stock balance of 11,970 kgs. as of December 31, 2021
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced 3 kgs. of charcoal briquettes
C. Production of Liquid Fertilizer	Production of Liquid Fertilizer through Fermented Leguminous Plants	Produced 16 liters of Liquid Fertilizer.
D. Production of Organic Pesticide	Production of Organic Pesticide using onion, garlic and ginger	Produced 1 liter of Organic Pesticide
E. Clean-up Drives on Creeks, Rivers and Ocean Sea Shores	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 the stretch of the Pinacanaun River bank at Barangay Calamagui, San Pablo, Isabela. The estimated quantity of collected waste were composed of 800 kgs. of residuals wherein most of these were baby and adult diapers, 20 kgs. of recyclables and 10 kgs. of hazardous wastes. The collected wastes were disposed at the Residual Containment Area (RCA), Sanitary Landfill Facility (SLF) located at Annanuman, San Pablo Isabela.
F. Maintenance of Organic Vegetable/Herbal Garden	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>G. Carbon Sink Plantation</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 in the Municipality of Cordon, Isabela at LGU Eco-Park located at Barangay Capirpiriwan, Cordon, Isabela with the MLGU-Employees led by Hon. Lynn M. Zuniega, Municipal Mayor, Barangay Officials, DepEd, Bureau of Fire Protection (BFP), Philippine National Police (PNP), CENRO-San Isidro, ENR Office staff and ISEP-Task Force. The PGI provided a total of 862 assorted forest and fruit trees for the 1 hectare Carbon Sink Plantation.</p>
<p>H. Monitoring of ESWM- Related PGI Eos/ Ordinances</p>	<p>Directing all LGUs to strictly implement the provisions of RA 9003, enforce EO No.33 series of 2020</p>	<p>Monitored Barangays Cabisera 10, Cabisera 27 & Aggasian, City of Ilagan, Isabela; Barangay Carmencita, Delfin Albano, Isabela; Barangay Trinidad, Mallig, Isabela; Barangay Capirpirriwan, Cordon, Isabela; Barangay Dibuluan, Jones, Isabela and Barangay Calamagui, San Pablo, Isabela</p>
<p>III. MINERAL RESOURCES MANAGEMENT DIVISION</p>		
<p>A.Field Monitoring of Quarry Areas</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, 34,328.00 cu. m. quarry resources were extracted representing 670.00 Ordinary Earth, 29,693.00 Mixed, 679.00 G1/S1 and 3,286.00 Boulders with a total value corresponding to P1,275,640.00 comprising P20,100.00 Ordinary Earth, P1,039,255.00 Mixed, P30,555.00 G1/S1 and P180,730.00 Boulders</p>
<p>B. Investigation/ Settlementof Quarry and Mining Related Complaints</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>A joint investigation was conducted last December 22, 2021 at Barangays Lalog 1 and Lalog 2, Luna, Isabela wherein a text message was sent to CENRO Cauayan, stating illegal quarrying in the area of Lalog Bridge led to the degradation of its foundation. The investigation was done together with representatives from DENR-PENRO Isabela. During the investigation, no on-going operations were observed. Additionally, according to the Municipal Engineer of LGU-Luna, Engr. Naguiat, the damage of Lalog Bridge was caused by previous typhoons, Rosita (2018) and Ulysses (2020). The foundation of the bridge was scoured due to erosive action of flowing water. It was recommended that strict monitoring of quarry operations in the area be implemented.</p>
<p>IV. OTHER PROGRAM/PROJECT/ACTIVITY</p>		
<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</p>

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