



ENVIRONMENT AND NATURAL RESOURCES

October

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 2,775 assorted seedlings were disposed to various requesting constituents composed of 720 forest tree seedlings, 970 fruit-bearing tree seedlings, 30 coconut and 1,055 bamboo propagules;</p> <p>Mortality rate at 0.72% equivalent to 487 seedlings was incurred.</p> <p>Stock balance: 63,885 seedlings as of October 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. 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><u>Riparian Rehabilitation Project:</u></p> <p>Echague - As a result of series of coordination with the targeted barangays, implementation is set to be on November 10, 2021 commemorating Environmental Awareness Month. The project area shall be concentrated along the Cagayan River at Barangay Annafunan. Site preparation has already started and monitored by the LGU thru the Municipal ENR Office.</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, 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	For this month, 46 pieces of CHW Flitches and Lumbers with volume of 1,738.67 bd.ft. and 34 pieces of Narra Flitches with volume of 1,126.83 bd.ft. were apprehended at City of Ilagan, Isabela during the conduct of forest protection and law enforcement activities.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	For this month, a total of 68 pieces of CHW lumbers with volume of 1,212.32 bd.ft. were utilized by the province in different government projects.
C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO personnel conducted monitoring of the maintenance and care of reforestation areas along Ilagan-Divilacan Road currently conducted by the winning contractor. A total of 136,760 seedlings were planted and maintained as of this month.

II. ENVIRONMENTAL MANAGEMENT DIVISION

A. Vermicomposting Facility	Production of Organic Fertilizer(Vermicasts) thru vermicomposting	Beginning Balance- 9,680 kgs. Produced- 1,000 kgs. Disposed- 90 kgs. Ending Balance- 10,590 kgs.
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced 15 kilograms of charcoal briquettes
C. 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.
D. Carbon Sink Plantation	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.	The PGI through this Office implemented Carbon Sink Plantation Project in partnership with MLGU-Mallig, Isabela located at Barangay Trinidad, Mallig, Isabela with an approximate area of 2 hectares. The activity participated by MLGU personnel led by the Municipal Mayor and the concern barangay. The PGI provided 1,000 forest trees, 390 fruit bearing trees and 334 bamboo propagules with a total of 1,444 seedlings. 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.
E. Joint Anti-Smoke Belching Campaign	The conduct of anti-smoke belching campaign is to help address and ensure vehicles comply with the in-use emission standards set by the DENR Administrative Order (DAO) 2015-04 relative to the implementation of DAO No. 2000-81 or the IRR of the Philippine Clean Air Act of 1999	Conducted Joint Anti-Smoke Belching Campaign twice this month on October 1 & 26, 2021 at Brgy. I (Poblacion), San Mateo and Barangay Maligaya, Echague, Isabela. The team were able to test a total of twenty four (24) diesel engine vehicles of which eleven (11) passed and thirteen (13) vehicles failed at San Mateo, Isabela and thirty (30) diesel engine vehicles of which twenty three (23) passed and seven (7) vehicles failed at Echague, Isabela. All vehicles that did not meet the opacity standard were served with citation tickets and drivers' licenses were confiscated. For the owners to redeem said documents, their vehicles must have to comply first with the prescribed standard opacity and pay the corresponding penalty to the LTO.


<p>F. Updating of the Provincial 10-Year Ecological Solid Waste Management Plan</p>	<p>RA 9003 mandates LGUs to prepare its 10-Year Municipal Ecological Solid Waste Management Plan in consistent with the National SWM Commission framework through the Local SWM Board and further to consolidate and update every two years thereafter by the province.</p>	<p>The DENR-EMB conducted documents' review and critiquing on the 10-Year Provincial ESWM Plan on October 21, 2021 prior to submission for final review, assessment and approval.</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, 28,939.00 cu. m. quarry resources were extracted representing 26,954.00 Mixed, 1,239.00 G1/S1 and 746.00 Boulders with a total value corresponding to P1,040,175.00 comprising P943,390.00 Mixed, P55,755.00 G1/S1 and P41,030.00 Boulders</p>
<p>B. Investigation/Settlement of 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>Conducted an ocular inspection on the boundary of Brgy. Nemmatan, San Agustin, Isabela and Brgy. Usol, Jones, Isabela due to complaints of landowners from San Agustin. It was found that the area in question is now under jurisdiction of Brgy. Usol, Jones and formerly located at Brgy. Nemmatan, San Agustin. After the inspection, an agreement was formed between Mr. John Sumang, the permittee, and the concerned landowners. A buffer zone between the farmlands and the quarry site was established.</p>
<p>C. Minahang Bayan</p>		<p>Conducted public scoping, water and air sampling together with the EMB and CENRO-Palanan Sub-Office personnel. This was done as a requirement to the ECC Application of the Minahang Bayan at Dinapigue, Isabela. The sampling was conducted at the community and at the proposed site to establish baseline data for the air and water quality. The public scoping was done to present the details and current status of the project and its possible benefits to the host community.</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>Attended Joint Technical Review (JTR) of the Pineapple Production and Marketing Enterprise subproject on October 12-15, 2021</p>
<p>2. Meetings, Seminars, Trainings, Workshops Attended</p>		<p>October 19, 2021 - Attended joint PAMB Meeting of NSMNP, FSNP & TWNP via virtual. The objective of the meeting was to ask for the recommending approval of the PAMB members for the proposed projects for each of the protected area as a requirement for the budget release from DENR Central Office; October 25-27, 2021 - Attended the virtual Appreciation Training on System of Environmental Economic Accounting for Region 02 conducted by the Philippine Statistics Authority.</p>

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