



**ENVIRONMENT AND NATURAL RESOURCES**

**February**

**MONTH**

**2022**

**YEAR**

**Accomplishment Report**

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
<b>I. FOREST MANAGEMENT AND CONSERVATION DIVISION</b>		
<b>A. Forest Resources Development Activities:</b>		
<b>1. Nursery Operations &amp; Maintenance Works</b>		
a. Production/Propagation and Disposition of seedlings	Production, propagation and procurement of seedling stock and disposition of seedlings	<p>For this month, seeds of Balitbitan, Kamagong, Molave, and Ipil were sowed for production.</p> <p>Number of seedlings released: A total of <b>465 assorted seedlings</b> were disposed to various requesting constituents composed of 95 forest tree seedlings, 365 fruit-bearing tree seedlings and 5 bamboo propagules;</p> <p>Stock balance: <b>41,418 seedlings</b> as of February 28, 2022. This does not yet include seedlings produced and turned-over by Jones and San Pablo Checkpoints, respectively.</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, 6 contractual laborers ensures the conduct of regular maintenance and operations of the nursery. Activities include improvement of seedling beds, soil potting for the seeds, seeds and wildlings collection, transplanting and sorting of seedlings.</p> <p>On February 11, 2022 - personnel of this office together with some of the ISEP-TF operative members conducted one-day general nursery activities assisting the current manpower of the facility.</p>
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>Initial identification of areas for developmental projects was already conducted, to wit:</p> <p><b>Watershed Rehabilitation</b> - Delfin Albano, Echague, Jones, Quezon, Palanan, San Guillermo, San Mariano, Tumauni;</p> <p><b>Agroforestry, Urban Greening, Carbon Sink</b> - Benito Soliven, Cabagan, Cordon, Delfin Albano, Echague, Ilagan, Jones, Mallig, Roxas, San Guillermo, San Pablo;</p> <p><b>Riparian Rehabilitation</b> - along Cagayan River and its tributaries at Cabagan, Cauayan City, Echague, Gamu, Ilagan, Luna, Naguilian, Reina Mercedes, San Agustin, San Mateo, Sta. Maria, Sto. Tomas, Tumauni;</p> <p><b>Mangrove and Beach Forest Rehabilitation</b> - Divilacan, Maconacon, Palanan;</p> <p>These projects shall also provide livelihood through the labor component in partnership with DSWD Cash-for-Work Program. The guidelines of the program is yet to be presented thus coordination with the above LGUs was rescheduled after the meeting with the partner agency.</p>

		Also, on February 18, 2022, personnel of this office together with some ISEP-TF operative members conducted general clean-up activities within the Isabela Permaculture Development Center in preparation for its rehabilitation and operation.
<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 Pinacanauan River and its tributaries in the City of Ilagan and Municipalities of Tumauni and San Mariano
b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	For this month, apprehended/confiscated forest products during the conduct of forest protection activities were the following: <b>Feb. 6, 2022</b> - 58 pcs. (946.33 bd.ft.) CHW lumbers at Bintacan, City of Ilagan; <b>Feb. 12, 2022</b> - 3 pcs (114 bd.ft) Narra flitches, 3 pcs (101.25 bd.ft.) Tindalo Flitches, 1 pc (9.33 bd.ft.) Tindalo Lumber at IDRRIP; <b>Feb. 17, 2022</b> - 32 pcs (597.33 bd.ft.) CHW lumbers at IDRRIP.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	Utilized a total volume of <b>4,056.66 bd.ft</b> representing <b>169 pieces of CHW lumbers</b> for various infrastructure projects in the province.
3. Other Activites	Seedlings Production	Seeds and wildlings collection were continuously conducted and potted.  For this month, operative members based at Jones Checkpoint produced and turned-over full grown seedlings of 1,380 Kamagong and 170 Molave to the Provincial Nursery. On the other hand, checkpoint based at San Pablo released 20 pieces of Gmelina seedlings from their production to PNP San Pablo for their tree planting activity.
<b>C. Activities Undertaken in Support of IDRRIP</b>	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO personnel regularly conducted monitoring at IDRRIP reforestation areas.  Particulary on February 16, 17 and 24, 2022, personnel of this Office together with representative of DENR-CENRO Naguilian and the Reforestation Project Contractor, conducted monitoring and addressed some issues and concerns on overlapping with NGP areas. Results were as follows: - conducted ground survey to identify the boundaries of the 900-hectare reforestation area at Villa Imelda, City of Ilagan; - delineate the boundary of the reforestation area on the ground to avoid possible overlapping with DENR NGP projects and settlement areas present thereat; - contractor was able to establish their temporary nursery in the project area and seedlings (Mango, Narra and Bamboo) were already stockpiled thereat waiting for inspection from the province; - Site preparation activities are ongoing such as brushing and staking activities; - There were some claimants on the delineated reforestation area hence the group decided to get the names of the said individuals to be invited in future dialogue/s.

<b>D. Other Related Activities</b>		
1. Support to LGU FLUP Implementation		<p>LGUs who have submitted their approved FLUP's were as follows:</p> <ol style="list-style-type: none"> <li>1. Cabagan, Isabela</li> <li>2. City of Ilagan, Isabela</li> <li>3. Delfin Albano, Isabela</li> <li>4. Echague, Isabela</li> <li>5. Jones, Isabela</li> </ol> <p>The FLUPs are currently being reviewed to identify appropriate intervention this Office shall extend in support of effective implementation of the LGUs respective plans.</p>
2. Compliance Monitoring of Provincial-Issued Executive Orders	<p>Recognizing the significant role of barangays and schools as partners in attaining ecological stability, the Provincial Government has intitutionalized their part with the issuance of Executive Order Nos. 42, 43, 44 and 45, all series of 2019. These EO's mandate the said institutions to plant and grow trees in their respective jurisdiction; compliance is likely to effect positively hence monitoring shall be conducted.</p>	<p>Through a letter, this office requested for the assistance of all Local Chief Executives through the City/Municipal ENR Officers specifically for the conduct of compliance monitoring of all barangays and schools within their respective jurisdiction. Initial response received include some LGUs assisting their barangays for compliance and some coordinating through the Liga ng mga Barangay and DepEd. Further, personnel of this office shall also conduct its own random compliance monitoring.</p>
3. Conduct of Certificate of Stewardship Contract (CSC) Holders' Evaluation and Assessment	<p>In partnership with personnel from DENR-CENRO's, evaluation and performance assessment of Certificate of Stewardship Contract (CSC) Holders are conducted to verify the status of development they have introduced in their respective farmlots within portions of forest zones under the Integrated Social Forest (ISF) Project. Results of the evaluation shall serve as the basis in coming up with the common reccomendations whether to cancel or renew their contracts.</p>	<p>Composed of personnel from DENR Field Office concerned, PGI-ENRO and Barangay LGU, seven (7) CSC Holders were evaluated and assessed at Barangay Bayabo, Delfin Albano, Isabela on February 9-11, 2022.</p> <p>Evaluation and assessment results are still for consolidation by the DENR-CENRO concerned and later copy furnished this Office.</p>
<b>II. ENVIRONMENTAL MANAGEMENT DIVISION</b>		
<b>A. Vermicomposting Facility</b>	Production of Organic Fertilizer	<p>For this month, a total of <b>1,000 kgs.</b> were produced and <b>80 kgs.</b> were disposed to various requesting constituents, with a remaining stock balance of <b>13,010 kgs.</b> as of February 28, 2022</p>
<b>B. Production of Green Charcoal</b>	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced 15 kgs. charcoal briquettes

**C. Healthcare Waste Management Monitoring**

Monitoring of Healthcare Waste Management were conducted, to wit:

- 1. City Health Office-1, San, Vicente, City of Ilagan** - the City Health Office entered into MOA with the Unified Hazwaste Expert, Inc. which is responsible for the final disposal of treated/encapsulated wastes. They temporarily restore the hazardous waste into big drums donated by the City ENRO and treated with chlorine while waiting for the arrival of the Transporter.
- 2. City Health Office-2, Marana 1st, City of Ilagan**- Plan to enter MOA with a license hazardous wastes transporter but for the meantime they are using septic vault for sharp needles and vials and separate vault for placenta.
- 3. Milagros Albano District Hospital, Cabagan**- Hazardous wastes like syringes and vials were being kept, enclosed with gallon (bottled mineral water) in the Materials Recovery Facility (MRF) at the back of the hospital. The other infectious and toxic wastes like placenta were treated and placed in septic vaults and other hazardous wastes like PPEs and gloves were treated prior to the collection by the GSO of the province.

**D. Monitoring of Sanitary Landfills**

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.

Monitored Sanitary Landfill Facility of MLGU-Cabagan categorized as Category 1 with a cumulative total of 5,852.51 cu.m per annum of residual wastes with a land area of approximately 6.8 has. The findings were as follows:

1. The facility has complete amenities like administration building with CCTV, MRF for final sorting and waste recovery, multipurpose warehouse, drainage canal, leachate pond, rainwater collector, monitoring well, vaults for special wastes, fence, vegetations and concrete road going to the site with signages;
2. The wastes disposed in the cells were not 100% residuals, it was observed that there were some recyclables waste but minimal;
3. There are personnel steadily assigned in the area as sorters/segregators;
4. The recovered recyclable wastes were brought to a junkshop operator as their partner in the segregation of wastes;
5. The LGU purchased glass bottle shredder for bricks making as their alternative technology in reducing residual wastes and a mechanical shredder for composting given by the DENR-EMB.


**E. Monitoring of Residual Containment Area**

Monitoring of Residual Containment Area (RCA) at Annanuman, San Pablo was conducted. The RCA is functional however it is not being used for its purpose. The only residual wastes stocked at the RCA were the segregated waste collected during the conduct of clean-up drive at Brgy. Calamagui, San Pablo. It was also observed that there were scattered mix wastes dumped in the area that needs to be segregated at the RCA. The SLF has been constructed but the problem is the Poly-Ethylene being used as liner since it was not the one that is supposed to be High Density Poly-Ethylene (HDPE) as per required by the DENR-EMB.

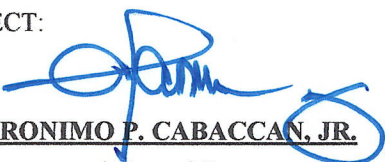
<b>F. Maintenance of Organic Vegetable/Herbal Garden</b>	Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.	Conducted activities by the Job Order Employees hired by the ENR Office
<b>G. Other EMD activities</b>	Collecting and weighing of recyclable and special/hazardous wastes that were brought to the ENRO Material Recovery Facility being collected from the different offices of the Capitol premises	Various recyclables and residual wastes with potential were collected coming from the different department of Provincial Capitol. A total of 1.6 kgs. were plastic wrapper, 56.40 kgs. were papers, 1.25 kgs. were PET bottles and 11.50 kgs were carton.
<b>III. MINERAL RESOURCES MANAGEMENT DIVISION</b>		
<b>A. Processing and Issuance of Permits</b>	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.	As of February 28, 2022, this office received Eight (8) CSAG Permit Applications from the different Quarry Locations within the province with corresponding administrative/processing fees collected by the Provincial Treasurer's Office amounting to Ninety Thousand Six Hundred Forty (Php90,640.00) pesos.
<b>B. Accreditation of Haulers</b>		As of February 28, 2022, a total of Ninety (90) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Two Hundred Twenty Six Thousand Eight Hundred (Php226,800.00) pesos and Forty Three Thousand Eight Hundred (Php43,800.00) pesos for Accreditation Sticker of 4,380 equipment.
<b>C. Site Verification and Inspection of Mining/Quarry Sites</b>	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.	On February 8, 2022, a team was dispatched to investigate and verify the complaint letter from 8888 Citizens Complaint Hotline of a certain Mr. Freddie Nagum of Jones, Isabela. It was confirmed that there was on-going extraction of sand and gravel being operated by M.A. Tesoro Construction owned by Arch. Michael A. Tesoro of Rizal, Santiago City.  As a result members of the Isabela Environment Protection Task Force based at Jones, Isabela was sent to immediately stop this illegal activity to which the operators obliged.
<b>D. Field Monitoring of Quarry Areas</b>		For this month, 55,532.50 cu. m. quarry resources were extracted representing 781.00 cu.m Ordinary Earth, 48,664.50 cu. m. Mixed, 608.00 cu. m. G1/S1 and 5,479.00 cu. m. Boulders with corresponding value of P2,055,392.50 representing P23,430.00 Ordinary Earth, P1,703,257.50 Mixed, P27,360.00 G1/S1 and P301,345.00 Boulders.
<b>IV. OTHER PROGRAM/PROJECT/ACTIVITY</b>		
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	Referred and submitted SES compliances of the following sub-projects, to wit: 1. Proposed Pineapple Production and Marketing Enterprise, Brgy. Magleticia, Echague; 2. Construction of San Isidro Warehouse with Solar Dryer, Brgy. Gomez, San Isidro; and 3. Construction of NMI Agri Cooperative Warehouse, Brgy. Nungnungan II, Cauayan City.

<p>2. Meetings, Seminars, Trainings and Workshops Attended</p>		<p><b>February 8, 2022</b> - Attended to the RDC II Regional Committee on Devolution Virtual Meeting as an audience to get updates on the devolve functions specifically on forestry and environment. Simultaneously an Introductory Meeting with USAID En ergy Secure Philippines was also held virtually Activity was also relative to the indorsement of DoE selecting the Province of Isabela as one of the chosen pilot LGUs for energy audit.</p> <p><b>February 10-11, 2022</b> - Attended the webinar entitled Know Mine, Know Life: Elevating the Mission of Responsible Mining conducted by the Mines &amp; Geosciences Bureaub (MGB)</p> <p><b>February 17, 2022</b> - Attended the webinar entitled Climate Change and My Carbon FootPrint led and facilitated by the National Council of Women of the Philippines (NCWP) in partnership with Green Convergence and Miriam College of Environmental Studies Institute.</p>
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Photos of the activities conducted at the Provincial Nursery for the Month of February, 2022.



Some of the photos showing activities conducted at the Provincial Nursery on February 11, 2022.



Hauling of Seedlings produced by ISEP-TF Operative members based at Checkpoint Jones.



Released seedling request of PNP San Pablo from the seedling production of San Pablo Checkpoint





Photos of apprehensions of mostly abandoned illegally harvested forest products as a result of regular conduct of foot and mobile patrolling for Month of February, 2022.

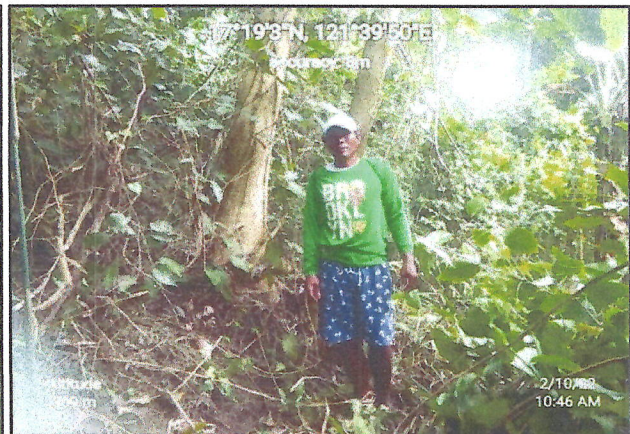


Activities conducted during the 1-day general clean-up activity at the Isabela Permaculture Development Center and its vicinities.





February 10-11, 2022 - Some of the photos taken during the actual evaluation and assessment of CSC holders at Barangay Bayabo, Delfin Albano, Isabela



Photos during monitoring relative to IDRRIP Reforestation Project implementation.



Photos during monitoring of Healthcare Waste at Milagros District Hospital- Cabagan, Isabela



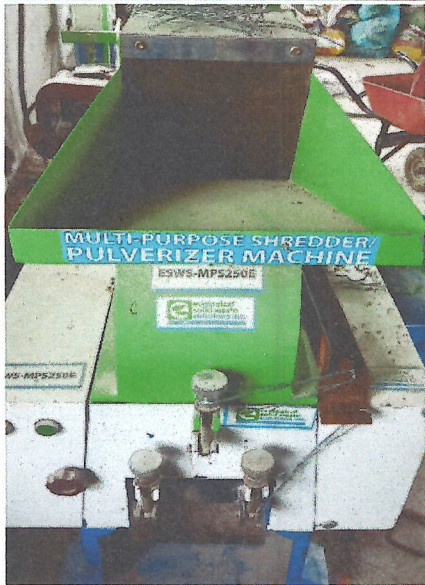
Photos during monitoring of Healthcare Waste at San Vicente, City of Ilagan, Isabela



Photos during monitoring of Healthcare Waste at Marana 1st, City of Ilagan, Isabela



Photos during the monitoring of Sanitary Landfill Facility of MLGU- Cabagan, Isabela



Photos during the monitoring of Residual Containment Area and On-going Sanitary Landfill at San Pablo, Isabela



Photos during the monitoring of Sand and Gravel Extraction Activities



Photos during the Site Investigation at Pangal Sur, Jones, Isabela

