	ENVIRONMENT AND NATURAL RESOURCES OFFICE		December								
			MONTH								
	Accomplishment Report		2023								
			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>Beginning balance: 19,565 seedlings to include Agoho, Anchoan Dilaw, African Tulip, Balitbitan, Chest Nut, Golden Shower, Ipil, Kamagong, Mahogany, Narra, Rubber Tree, Talisay, Tindalo, Tuai, Atis, Antipolo, Bignai, Cacao, Calamansi, Citrus/Mandarin, Duhat, Guyatis, Langka, Lansones, American Lemon, Lemon, Mangga, Mangosteen, Passion Fruit, Pomelo, Rambutan, Tamarind, Santol, Satsuma, Verba, Bamboo, Beetle Nut, Anonas, and Tokyang Palm;</p> <p>Number of seedlings released: A total of 307 assorted seedlings were disposed to various requesting constituents.</p> <p>Mortality rate at 1.28% equivalent to 250 seedlings was incurred.</p> <p>Stock balance: 20,919 seedlings as of December 31, 2023.</p> <p>For this month, seven (7) seedling requests were recieved, all of the seven (7) requests were immediately released to the different public and private entities to include the three (3) requests that was not picked-up last month.</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				Supervised and led by ENRO personnel assigned, 5 contractual laborers ensures the conduct of regular maintenance and operations of the nursery. Activities include improvement of seedling beds, potting for soil media, seeds and wildlings collection, watering, 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.	Watershed Rehabilitation Project: 2-hectare areas was rehabilitated at Brgy. Capirpiriwan, Cordon, Isabela, Isabela through Cash for Work (CFW) beneficiaries and they were able to plant 2,299 assorted fruit bearing and forest tree seedlings on December 21, 2023.
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 in the following areas: - Alinguigan 3rd, Alinguigan 2nd, Malalam, Fuyo, San Ignacio, San Juan, San Lorenzo, Capellan, San Rodrigo, Bintacan, Cabisera 8, Cabisera 14-16, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest barangays of City of Ilagan, Isabela; - Magassi, Masipi East, and Masipi West, Cabagan, Isabela; - Antagan, Tumauni, Isabela; - Benito Soliven and San Mariano areas; - Forest region at Jones and San Agustin, Isabela; - Ilagan-Divilacan Road Rehabilitation Project (IDRRIP) Also, assisted in the monitoring of Sand and Gravel Extraction Activities.
b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	No apprehension/confiscation was recorded for this month.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	Donated/Utilized a total volume 465.34 bd.ft representing 23 pcs. of Common Hard Wood (CHW) for the various projects of PGI.

C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	<p>ISEP-TF and ENRO personnel continuously conducted monitoring and maintenance activities at IDRRIP reforestation areas.</p> <p>Also, the following ISEP-TF Monitoring Checkpoints were able to produce seedlings, to wit:</p> <p>Abuan ISEP-TF MC - 1,600 pieces of forest tree seedlings</p> <p>Disipon TSEP-TF MC - 1,562 pieces of forest tree seedlings and 28 Fruit bearing trees</p> <p>Marana ISEP TF MC - 1,500 pieces of forest tree seedlings</p> <p>Jones ISEP-TF MC - 1,500 pieces of forest tree seedlings</p>
D. Other Related Activities		
1. Isabela Provincial Ecopark		Clearing and beautification activities within the pathways of the Isabela Provincial eco-park is continuously and regularly conducted by the Job Order service providers.
2. Site Inspection on the Completed Dredging Projects Proposed as Bamboo Planting Areas		This Office thru its Personnel conducted site inspection on the completed dredging project relative to proposed areas for the 1 Million Bamboos in 1 Day Project in the municipalities of Sto. Tomas, Cabagan, Sta. Maria, San Pablo, Cauayan, Alicia, Ramon, Angadanan, San Agustin, San Guillermo, Gamu, Naguilian, San Mariano, Burgos, Roxas, Mallig, Aurora and Cabatuan, Isabela on December 7-12, 2023.
II. ENVIRONMENTAL MANAGEMENT DIVISION		
A. Vermicomposting Facility	Production of Organic Fertilizer thru Vermicomposting	<p>For this month, a total of 1,700 kgs. were produced and 200 kgs. were disposed to two (2) private individuals, with a remaining stock balance of 32,651 kgs. as of December 31, 2023.</p> <p>Also, the collection of substrates in the production of organic fertilizer like collected compostable wastes from heap, dried grasses, banana stalks, animal manure, and assorted tree leaves were undertaken.</p>
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	For the month of December, 2023, the Environmental Management Division was able to produce a total of 10 kilograms of Charcoal briquettes.

C. Maintenance of Organic Vegetable/Herbal Garden and Ecological Center	Maintenance of OrganicVegetable Garden, Materials Recovery Facility,Provincial Ecology Center and ENR Office premises.	<p>Supervise by a Technical Personnel, Job Order service providers were hired to conduct maintenance of Provincial Ecology Center.</p> <p>Activities include brushing, cleaning, planting of vegetables and maintainance organic vegetable garden. They were also able to assist in maintaining the cleanliness of the ENR Office premisses.</p>
D. Other Related Activies		
1. Wastes collection and segregation	Weighing of various recyclable, special/hazardous and residual wastes collected from the different offices within 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: Residual-474 kgs.;Biodegradable-46.3 kgs.; Plastic Bottles-37 kgs.; Paper-4 kgs.; Carton-60 kgs; Food Wastes-27.5 kgs; Bote-19 kgs.; tin cans-3 kgs and Hazardous waste-.5 kgs. a with a total of 717.60 kilograms.
2. Technical Support	Personnel of this office extended technical assistance to requesting LGUs in the conduct of training on RA 9003 otherwise known as Ecological Solid Waste Management Act of 2000.	December 13, 2023- Through the invitation of Hon. Vilmer B. Bravo, Municipal Mayor of San Isidro, Isabela, personnel from this office conducted an Orientation on RA 9003 otherwise known as Ecological Solid Waste Management Act of 2000, and Training on Waste Diversion/Recycling. The activity was participated by Barangay Officials, Elementary and Secondary Schools Heads, and other Local Officials held at SB Session Hall, Municipal Building of San Isidro.
3. Clean-Up Drive		<p>December 5, 2023- Conducted a clean-up drive participated by ENR Personnel, ISEP-TF Operatives, Barangay Offiicials, and Health Workers of Barangay Cabisera 10 (Lupigue), Cty of Ilagan, Isabela.</p> <p>Over 100 kilograms of solid waste was collected with the assistance of Dragon 12 Builders and Construction Supply, utilizing heavy equipment to clear drainage canals clogged with solid waste, including volumes of eroded soil.</p> <p>December 12, 2023- Conducted clean-up drive activity at Brgy. District 2, Reina Mercedes, Isabela. An estimated 50 kilograms of solid waste were collected including plastics, bottles, and other residual waste. The activity was attended by 74 active participants composed of Barangay and SK Officials.</p>

4. Information, Education and Communication (IEC) Campaign		<p>An IEC session was conducted to enhance public awareness and knowledge on proper solid waste management, promoting greening through vegetable production, and tree planting. ENRO staff educated Agta Village residents on proper solid waste disposal, emphasizing the significance of waste segregation for clean-up and green barangay, particularly in Agta Village.</p> <p>ENRO continues to encourage the public to be responsible citizens, advocating for proper waste segregation at home, and participating in government efforts to maintain a clean and safe environment.</p>
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III. MINERAL RESOURCES MANAGEMENT DIVISION

A. Processing and Issuance of Permits	<p>The ENR Office as the implementing arm of the Provincial Government of Isabela in ENR concerns, is tasked to approve applications for small-scale mining, sand and gravel, quarry, guano, gemstone gathering and gratuitous permits and for industrial sand and gravel permits not exceeding five (5) hectares, under RA 7942 otherwise known as the Philippine Mining Act of 1995.Through the Provincial Mining Regulatory Board (PMRB), Permit Applications who have passed board deliberation shall be indorsed to the Provincial Governor for his approval.</p>	<p>For the month of December, no Commercial Sand and Gravel (CSAG) Permit Application was received.</p>
B. Accreditation of Haulers	<p>All haulers, traders, dealers and retailers of mineral/mineral products/by-products are required to be accredited by the Provincial Government through a Memorandum of Agreement with the Mines & Geo-sciences Bureau Region 02</p>	<p>For this month, no Accreditation Permit application was received by the Office.</p>
C. Site Verification and Inspection of Mining/Quarry Sites	<p>The ENR Office is responsible in field verification and evaluation of quarry areas to determine compliance of permit holders and/or operators to environmental laws, rules and regulations. It is a part of the process prior to the endorsement of the application to PMRB for deliberation.</p>	<p>For this month, no site verification and inspection of applied areas was conducted since no permit applications was received by the Office.</p>

D. Field Monitoring of Quarry Areas		
1. Regular field inspection and monitoring	<p>This activity is in line with the implementation of Provincial Ordinance No. 5, series of 2014, to effectively regulate the utilization and monitor extraction activities, ensuring all necessary environmental measures are implemented in the quarry areas. Also, monitoring reports on extraction of sand and gravel and other quarry resources shall serve as basis for the collection of taxes and other related fees by the Provincial Treasurer's Office.</p>	<p>For this month, continued site inspection, monitoring of compliances to necessary permits and supervision of personnel assigned to various quarry areas were implemented.</p> <p>Compliance to extraction measures such as extraction in the main river bed, no screening of materials in the main river bed policy and pre-payment of quarry taxes and fees were checked at the Municipalities of Sta. Maria, San Pablo, Tumauni, and Cabagan. At the same time, checking of Accreditation Permit of haulers and transporters of sand and gravel materials through random inspection of vehicles hauling and transporting sand and gravel materials. Operators with monitored extraction without pre-payments were notified for post-payment. All personnel assigned at their respective areas were present, while those with no operation reported to the Office and assisted in the activities at the Provincial Nursery.</p>
2. Monitoring of extraction activities		<p>For the month of December, forty-eight (48) quarry areas have been monitored with extraction activities in the province, with a total of 28,745 cu.m. of sand and gravel and other quarry resources extracted. This represents 27,755.00 cu.m. Mixed, and 990.00 cu.m. Boulders; and with gross value amounting to Php 1,028,875.00 fees and taxes.</p> <p>Reports on extractions were accompanied by daily field monitoring reports and delivery receipts.</p> <p>Also, based on record, a total of Php 825,500.00 gross value of fees and taxes was remitted to PTO this month as prepayment to 19,100.00 cu.m. of Boulders, Ordinary Earth and Mixed gravel materials.</p> <p>Post-payment was also remitted for the monitored extracted aggregates with volume totalling to 307.00 cu.m. corresponding to Php 12,445.00 taxes and fees.</p>

IV. OTHER PROGRAM/PROJECT/ACTIVITY

1. Meetings, Seminars, Trainings
and Workshops Attended

December 5, 2023 - Personnel of this Office attended the Presentation of Wetland Site Management Plan of Dunoy Lake at Pinaroc Hall, PENRO, City of Ilagan.

December 12, 2023 - Personnel of this Office attended the Data Analyses fot the LPTRP at Blue Room, Provincial Capitol, City of Ilagan.

December 12, 2023 - Personnel of this Office attended the PTDP-TWG Meeting at Isabela Tourism Office, Provincial Capitol, City of Ilagan.

December 14, 2023 - Personnel of this Office attended the PSA Provincial Product Account (PPA) Dissemination Forum at Amphitheater, Provincial Capitol, City of Ilagan.

December 14, 2023 - Personnel of this Office attended the Output Presentation of the Isabela Pleriminary Land Cover Map via Google Meet.

December 14, 2023 - Personnel of this Office attended the 4th Regular Business Meeting of the PDRRM Council at PDRRM Office.

December 27, 2023 - Personnel of this Office attended the TRMP-MMT Meeting at NIA-TRMP Conference Hall, Antagan 1st, Tumauini,

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Pictures of the activities conducted at the ENRO Provincial Nursery for the month of December, 2023



Pictures taken during the conduct of clearing activities and beautification within the pathways of the Isabela Provincial eco-park for the month of December, 2023.



Pictures taken during the inspection on the completed dredging projects proposed as bamboo planting areas for the month of December 2023.



Photos taken during the Orientation on R.A. 9003 otherwise known as Ecological Solid Waste Management Act of 2000 and training on Waste Diversion/Recycling at San Isidro, Isabela



Organic Fertilizer Production thru Vermicomposting



SCRAPING



SIEVING



MIXING



PACKAGING

Residual Containment Area (RCA) Operation



Cleaning of Organic Vegetable Garden



Photos taken during the Clean-up Drive at Cabisera 10, City Of Ilagan, Isabela



Photos taken during the conduct of the Information, Education, and Communication (IEC) Campaign at Cabisera 10, City of Ilagan, Isabela

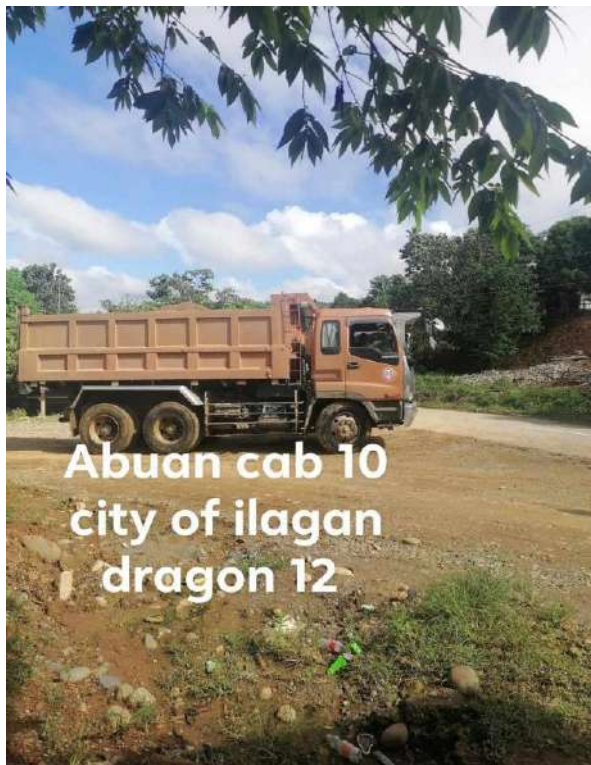


Photos taken during the Tumauini River Multi-purpose Project - Multipartite Monitoring Team (TRMP-MMT) Meeting at NIA, Antagan 1st, Tumauinui, Isabela



Some of the photos daily submitted by ISEP-TF Operative Members assigned at the different quarry areas, and those taken during the conduct of regular field inspection and monitoring in the Province for the month of December, 2023.





Abuan cab 10
city of ilagan
dragon 12



BRGY,APIAT

ISEP-TF Operative members assigned at areas with no operation due to high water level reported to this Office and assisted in the maintenance activities at the Provincial Nursery and Materials Recovery Facility. Also, few joined clean-up activities in their areas.

