

	ENVIRONMENT AND NATURAL RESOURCES		April
			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	Beginning balance: 33,580 seedlings to include Anchoan Dilaw, African Tulip, Chest Nut, Golden Shower, Ipil, Mahogany, Talisay, Tindalo, Atis, Bignai, Calamansi, Pomelo and Satsuma; Beginning balance: 30,595 seedlings to include Agoho, Anchoan Dilaw, African Tulip, Balitbitan, Chest Nut, Golden Shower, Earpod, Ipil, Kamagong, Mahogany, Molave, Narra, Talisay, Tindalo, Rubber Tree, Tuai, Atis, Antipolo, White Lauan, Bignai, Cacao, Calamansi, Mandarin, Duhat, Guyatis, Langka, Lansones, American Lemon, Lemon, Mangga, Passion Fruit, Rambutan, Tamarind, Santol, Pomelo, Satsuma, Verba, Bamboo, Beetle Nut and Tokyang Palm; Number of seedlings produced: A total of 4,748 consisting of 4,379 Forest Trees and 373 Fruit-bearing Trees Seedlings; Number of seedlings released: A total of 746 assorted seedlings were disposed to various requesting constituents composed of 204 forest tree seedlings, 262 fruit-bearing tree seedlings and 280 Bamboo Propagules; Mortality rate at 1.97 % equivalent to 624 seedlings was incurred. Stock balance: 33,938 seedlings as of April 30, 2023.	
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 nor 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.	Personnel of this Office together with the personnel from PGSO, PPDO, OPE and DBP representatives conducted inspection of delivered seedlings and work accomplished of the two (2) Reforestation Projects of the PGI awarded to Rang-ayan Nature Spring Farmers Multi-Purpose Project Cooperative at IDDRIP Reforestation Areas, Sitio Coop, Villa Imelda, City of Ilagan, Isabela on April 14, 2023. The following were the results of the conducted inspection, to wit:	

		<p>340-hectare Reforestation Project Various seedlings such as Molave, Yakal, Ipil, Calumpit and others planted in the area were observed to be vigorous, healthy and growing since it was only planted last year, 2022. Strip brushing, ring weeding and fertilizer application was done by the contractor on their maintenace activities.</p> <p>460-hectare Agro-Reforestation Project Various seedlings such as Mango, Narra, Rubber Tree and other planted in the area were observed to be vigorous, healthy and growing fast. Maintenance activities such as strip brushing and cultivation were conducted as observed in the current vegetation of the area during the inspection. There were also seedlings stock piled in the nursery to be used as replacement for mortality.</p> <p>In conclusion, the implementation of the IDR reforestation projects are going smoothly as per observation of the team on the work accomplished by the contration.</p> <p>Also, on April 23-25, 2023, ENRO personnel together with the representatives from DSWD Regional Office, conducted site validation of the proposed areas to be developed under this program. The team was able to validate Brgy. Digumased and Ayod River banks of Dinapigue, Isabela. As observed, this two project sites were feasible for watershed rehabilitation project.</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.	<p>ENRO and ISEP-TF personnel conducted surveillance and mobile patrolling in the following areas:</p> <p>-Alinguigan 3rd, Alinguigan 2md, Malalam, Fuyo, San Ignacio, San Juan, San Lorenzo, Bintacan, Cabisera 8, Cabisera 14-15, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest barangays of City of Ilagan, Isabela;</p> <p>-Magassi, Masipi East, and Masipi West, Cabagan, Isabela;</p> <p>-Antagan 1st, Antagan 2nd and Dy-Abra, Tumauni, Isabela;</p> <p>-Benito Soliven and San Mariano areas;</p> <p>-Forest region at Jones and San Agustin, Isabela;</p> <p>-Ilagan-Divilacan Road Rehabilitation Project (IDRRIP)</p> <p>Also, assisted in the monitoring of Sand and Gravel Extraction Activities.</p>

b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	<p>For this month, apprehended/confiscated forest products during the conduct of forest protection activities were the following:</p> <p>April 4, 2023 - 19 pieces (879.33 bd. ft.) Red Lauan and White Lauan Flitches and 1 piece (75 bd. ft.) at Km 24, IDRRIP, City of Ilagan, Isabela</p> <p>April 18, 2023 - 9 pieces (246 bd. ft.) Red Lauan Flitches and Lumber at Sitio Lagis, City of Ilagan, Isabela</p>
2. Donation/Utilization of Forest Products	Granting of request for wood materials	No donation/utilization of forest products was recorded for this month.
C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO personnel conducted monitoring and maintenance activities at IDRRIP reforestation areas.
D. Other Related Activities		
1. Permaculture Development		Clearing activities within the pathways of the IPDC eco-park and beautification in the premises of Ale-ale building is continuously and regularly conducted by the Job Order service providers. Also, some of the ISEP-TF operatives conducted cleaning/removal of water hyacinth invaded the swamp areas of IPDC eco-park.
II. ENVIRONMENTAL MANAGEMENT DIVISION		
A. Vermicomposting Facility	Production of Organic Fertilizer thru Vermicomposting	<p>Conducted collection of substrates in the production of organic fertilizers like market wastes, rice hulls/straws, dried grasses, and leaves.</p> <p>For this month, a total of 2,000 kgs. were produced and 100 kgs. were disposed to various requesting constituents, with a remaining stock balance of 26,101 kgs. as of April 30, 2023.</p>
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced a total of 10.0 kgs. charcoal briquettes for this month.
C. Maintenance of Organic Vegetable/Herbal Garden and Ecological Center	Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.	Conducted brushing, cleaning, planting of vegetables, and maintenance of organic vegetable garden and ENRO surroundings.
D. Joint Anti-Smoke Belching Campaign	The conduct of the Anti-Smoke Belching Test of motor vehicles using the opacimeter machine in partnership with the DENR-EMB and DOTR-LTO Regional Office which aims to promote public awareness about air pollution	Conducted anti-smoke belching campaign on April 14, 2023 at National Highway Brgy. Quezon, San Isidro, Isabela. A total of 20 diesel-powered vehicles were tested of which nineteen (19) passed and only one (1) vehicle failed. The failed vehicle must have to comply first with the prescribed standard opacity and pay the corresponding penalty to the LTO.
E. Other Related Activities		

1. Collection and Segregation of Waste at the Materials Recovery Facility	Weighing of various recyclable, special/hazardous and residual wastes collected from the different offices of the Capitol premises, brought to the ENRO Material Recovery Facility for final segregation and recovery of wastes with potential for diversion.	Wastes collected were segregated and compiled according to waste composition in kilograms, to wit: Residual- 518.0 kgs; Biodegradable- 222.4 kgs, Plastic Bottles- 47.7 kgs.; Papers- 100 kgs.; Carton- 88.3.; Food Waste- 12.0 kgs.; Bottles-19.0 kgs; Hazardous- 9.1 kgs; and Tin 3.3 kgs. With a total of 1,019.80 kilograms.
2. Technical Scoping		March 20, 2023- Attended Technical Scoping pertaining to the Environment Compliance Certificate (ECC) of CleanWorld Sustainable Solutions, Inc. for the Proposed Treatment, Storage, and Disposal (TSD) Facility at Green Yard Hotel, Cauayan City, Isabela.
III. MINERAL RESOURCES MANAGEMENT DIVISION		
A. Processing and Issuance of Permits	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.	For the month of April, no Commercial Sand and Gravel (CSAG) Permit Applications was received.
B. Accreditation of Haulers	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	For this month, this office received and processed applications of, and issued Accreditation Permit, to Six (6) haulers/ dealers/traders and retailers trading mineral products and by-products. Correspondingly, Thirty-four (34) accreditation stickers were issued for the conveyances and equipment registered. A total of Php 19,200.00 accreditation fees were remitted to PTO representing the permit application fees amounting to Php 15,120.00 and Php 6,800.00 for the stickers.

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, site inspection and verification of the following Applications for Commercial Sand and Gravel Permit were conducted :</p> <ol style="list-style-type: none">1. San Jose Calamagui Gravel and Sand - Calamagui East, Sta. Maria2. Reynaldo G. Atuan, Jr. - San Rafael, Sta. Maria3. Rofelin M. Dela Cruz - Sinaoangan Sur, San Agustin4. Jessie T. Bangloy - Nemmatan, San Agustin5. Glenn Moore Angelo E. Caramancion - Disimpit, Jones <p>All areas inspected are suitable for sand and gravel extraction. However, presence of scattered extraction pits and stockpile of aggregates were observed at the areas with on-going operation and there were gabion-type flood control structures within 1-km distance from the applied areas.</p> <p>Recommendations based on the said findings and observations include establishment of landmarks indicating corner boundaries; proritized extraction in the riverbed or nearest the river within applied areas; extraction pits should not be abandoned and must be covered immediately if no further extraction is intended for the specific area; and, extraction activities must be at least 500 meters away from the flood control.</p> <p>Findings of each applied areas were immediately conveyed to the respective Permit Applicants.</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.</p> <p>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. Conducted random checking of Accreditation Permit of haulers and transporters of sand and gravel materials at the Municipalities of San Mariano, Benito Soliven, Gamu, City of Ilagan, Tumauini, Cabagan, San Pablo, Sta. Maria, and Delfin Albano. This was conducted through random inspection of vehicles hauling and transporting sand and gravel materials. Inspected vehicles were already accredited. Reports of non-compliance were acted. Operators without pre-payments were given notices for compliance. All personnel assigned at their respective areas were present, while those with no operation were either assigned to other areas with on-going operations or reported to the Provincial Nursery and conducted nursery activities.</p>

2. Monitoring of extraction activities	<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.</p> <p>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 the month of April, a total of 67,052.00 cu.m. were monitored to have been extracted from the different quarry areas in the province. This represents 3,880.00 Earth, 60,529.00 Mixed, 130.00 G1/S1 and 2,513.00 Boulders; and with gross value amounting to Php 2,365,855.00 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 1,234,673.30 gross value of fees and taxes was remitted to PTO this month as prepayment to 35,716.38 cu.m. of Boulders, Ordinar Earth, G1S1 and Mixed gravel materials.</p> <p>Post-payment was also remitted for the monitored aggregates with volume totalling to 2,245 cu.m.</p>
E. Other Related Activities		
1. Attendance to Meetings as Member of Governing Bodies Related to Mineral Resources Management		<p>April 20-22, 2023 - As member,the PGI thru the ENR Officer attended a meeting of the Multi-Partite Monitoring Team (MMT) of Dinapigue Mining Corporation (DMC) relative to the finalization of the 2023 1st Quarter MMT report, held at Zen Hotel, Santiago City.</p>
IV. OTHER PROGRAM/PROJECT/ACTIVITY		
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	Ongoing preparation of SES compliance documents for the two PRDP FMR sub-projects at Gamu, and Cordon, Isabela.
2. Meetings, Seminars, Trainings and Workshops Attended		<p>April 11-15, 2023 - Attended Consultation Workshop on the Updating of the Northern Sierra Madre Natural Park Protected Area Management Plan at Japi Hotel, Cauayan City, Isabela.</p> <p>April 18-19, 2023 - Personnel of this office attended the Online Training on Supervisory Development Course Track I (SDC I) via zoom, conducted by the Civil Service Commission Regional Office 02. The course is part of the three-tracking training program, providing structure for government employees to re-examine their attitudes towards themselves, their career and others.</p> <p>April 19, 2023 - Attended Training on Policy Workshop re: Resilience - Building Among Smallholder Farmers of Selected Upland Farming Communities in the Province of Isabela at Isabela State University - Cabagan Campus, Garita, Cabagan, Isabela.</p> <p>April 19, 2023- Attended the National Training on Risk Resiliency Program (RRP) Modalities and Implementation spearheaded by Disaster Response Management Bureau (DRMB) of Central Office at The Hotel Andrea, Cauayan City, Isabela</p>

		<p>April 26, 2023 - Attended 2nd Quarter PAMB En Banc Meeting at DENR-Cabagan, Isabela</p> <p>April 27, 2023 - Attended Calo-Deliquente-Diadi River System-Water Quality Management Area TWG at Santiago City.</p>
3. TINIG NG SIERRA MADRE: A Forum on Environmental Protection and Conservation in Commemoration of Earth Day	A joint activity initiated by the Isabela Coastal Development Office (ICDO), Provincial Youth Development Office (PYDO) and Environment and Natural Resources Office (ENRO) in commemoration of the Earth Day	<p>April 24, 2023- Attended and facilitated the conduct of Tinig ng Sierra Madre: A Forum on Environmental Protection and Conservation in Commemoration of Earth Day held at Isabela State University- Main Campus, Echague, Isabela with the objective of promoting environmental awareness among different sectors, awareness of the current situation of the Northern Sierra Madre Natural Park (NSMNP), impacts of the climate change on Marine Biodiversity, the different programs, projects and activities being undertaken by the PGI and the organization of Sierra Madre Natural Park</p>
<p>CONSOLIDATED BY:</p> <div><div><p>(SGD.) <u>JESSA C. RIVERO</u> Community Development Assistant II</p></div><div><p>(SGD.) <u>IVY M. GATAN</u> C/Administrative Officer I</p></div></div>		
<p>CERTIFIED CORRECT:</p> <div><p>(SGD.) <u>GERONIMO P. CABACCAN, JR.</u> Environment and Natural Resources Officer</p></div>		



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

ISEP-TF Operative Members during their conduct of Seedling Production Activities, which include wildlings collection, potting and transplanting.



Clearing/removal of water hyacinths at the swamp areas of IPDC eco-park.

Workshop on the Updating of the NSMNP Management Plan at Japi Hotel, Cauayan City, Isabela on April 11-15, 2023





Consultation Meeting on RRP-CCAM thru Cash for Work on April 14, 2023 at Marco Paulo Hotel, Cauayan City, Isabela.



Photos taken during the apprehension of mostly abandoned illegally-harvested forest products as a result of regular conduct of forest law enforcement activities for the month of April, 2023.



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Conduct of Joint Anti-Smoke Belching Activity at Brgy. Quezon, San Isidro, Isabela



Maintenance of Organic Fertilizer, Vegetable Garden and ENR Office Surroundings



Photos during conduct of field verification and site inspection of areas applied for Commercial Sand and Gravel Permit for the month of April, 2023.



Calamagui East, Santa Maria, Isabela



Sinaoangan, San Agustin, Isabela



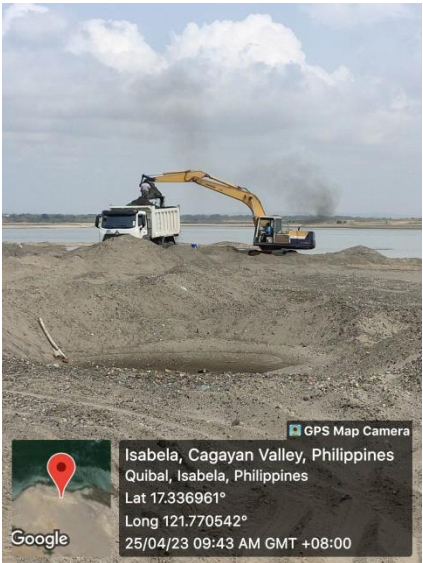
Nemmatan, San Agustin, Isabela



Disimpit, Jones, Isabela

Some of the photos daily submitted by ISEP-TF Operative Members assigned at the different quarry areas in the Province for the month of April, 2023.





TINIG NG SIERRA MADRE: A Forum on Environmental Protection and Conservation in Commemoration of Earth Day held at Isabela State University-Main Campus, Echague, Isabela on April 24, 2023

