	ENVIRONMENT AND NATURAL RESOURCES		July
			MONTH
	Accomplishment Report		2022
			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	For this month, germinated seeds of Antsoan Dilaw and Molave tree species were transplanted and are yet to be inventoried when recovered. Number of seedlings produced: A total of 1,100 forest tree seedlings were produced comprising of 75 Balitbitan and 1,025 Ipil seedlings, respectively. Number of seedlings released: A total 1,159 assorted seedlings were disposed to various requesting constituents composed of 567 forest tree seedlings, 512 fruit-bearing tree seedlings, 58 bamboo propagules and 22 Palm; Stock balance: 30,026 seedlings as of July 31, 2022.	
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, 2 contractual and 4 job-order service providers ensures the conduct of regular maintenance and operations of the nursery. Activities include improvement of seedling beds, soil potting, transplanting and sorting of seedlings. Further, soil media for the cloning beds were also prepared. Also, ENR Personnel and some members of ISEP-TF Operatives joined in the conduct of clean-up drive and nursery beautification Activities include landscaping, weeding, grass cutting, watering of seedlings, sorting of seedlings and proper disposal of rotten Polyethylene bags.	
2. Climate Change Mitigation/Adaptation and DRRM Initiaves	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.	ENR Personnel together with some ISEP-TF operatives hauled forest tree seedlings at Bugnay, Diadi, Nueva Vizcaya. The group were able to haul 12,500 seedlings which consist of: 4,000 Molave/Sagat seedlings; 2,000 pieces, Bignai; 1,300 pieces Kalumpit; 2,600 pieces Dau; and 2,600 pieces ipil seedlings. These seedlings shall be utilized for the Watershed Rehabilitation Projects for 2022. On July 21, 2022, this Office through its personnel supervised the implementation of watershed rehabilitation project at Sitio Namnama, Brgy. Santos, Quezon, Isabela. A total of 4,400 seedlings ocomprosing of Molave, Kalumpit, Ipil, Bignai and Bamboo propagules were planted in the (4) hectares forest land within the Quezon Municipal Eco Park. The project is a continuation of support provided to LGU Quezon with the improvement of the previous established plantations within the said location, which were also visited to monitor maintenance activities employed by the partner LGU.	

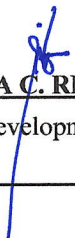
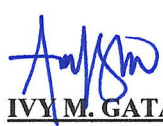

		Also, personnel of this office, together with the representative from DSWD Regional Office, conducted site validation of the proposed areas to be developed under this program. The team was able to validate Brgy. Luzon, Namnama and Taddul, Cabatuan, Isabela. Fortunately, the proposed areas were already fully developed, planted with mixed vegetation including bamboos. Hence, the Honorable Mayor proposed that seedlings shall be produced first to give ample time in the identification of other possible area for rehabilitation and/or development.
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 patrol in the following areas:</p> <ul style="list-style-type: none"> - Alinguigan 3rd and 2nd, Malalam, Fuyo, San Ignacio, San Juan, San Lorenzo, Bintacan, Cabisera 8, Cabisera 14-16, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest Barangay of City of Ilagan - Magassi and Masipi, Cabagan - Antagan, Tumaui - Benito Soliven and San Mariano areas - Forest Region of Jones and San Agustin, Isabela <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	For this month, ISEP-TF operatives designated at forest protection were able to apprehend eight (8) pieces of Tanguile round logs and eight (8) pieces Palusapis round logs with a total volume of 2,188.65 board feet.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	No utilization/donation of forest products was recorded for this month.
3. Other Activites	Seedlings Production	<p>Seeds and wildlings collection were continously conducted for production.</p> <p>Nurseries of each monitoring checkpoints were improved, constructing shaded recovery sheds and hardening areas.</p> <p>Seedlings produced shall be utilized for future tree growing activities of the Provincial Government.</p>
C. Activities Undertaken in Support of IDDRIP	Patrol works and monitoring activities and maintenance of reforestation areas	ISEP-TF and ENRO personnel regularly conducted monitoring at IDRRIP reforestation areas. This include the areas planted and maintained by the project contractor.
D. Other Related Activities		
1. Permaculture Development		The Job Order workers continuously conduct clearing activities at the pathways of IPDC eco-park and beautification in the premises of Ale-ale Building. ENR Personnel together with the ISEP-TF also provide support to the workers thru scheduled activities in the facility.

2. Site Visit to the Proposed Site for the Establishment of Model Agroforestry Farms for the Poddible Replication in other Upland Areas of the Province		Headed by APN-CFNR-UPLB, personnel of this office together with the representatives from OPA joined in the site visit of the proposed Model Agroforestry Farms to be established by the above-mentioned agency-organization. Specifically visited were the Municipalities of San Pablo, Cabagan, and Tumauni, Isabela. This undertaking was made possible thru the funding assistance from Asia Pacific Network.
II. ENVIRONMENTAL MANAGEMENT DIVISION		
A. Vermicomposting Facility	Production of Organic Fertilizer thru Vermicomposting	For this month, a total of 1,700 kgs. were produced and 780 kgs. were disposed to various requesting constituents, with a remaining stock balance of 18,080 kgs. as of July 31, 2022.
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced 17 kgs. charcoal briquettes
C. Maintenance of Organic Vegetable/Herbal Garden	Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.	Conducted brushing, cleaning, seedbed preparation, planting of vegetables and maintenance of organic vegetable garden with the assistance of GIP Job Orders from DOLE.
D. Joint Anti-Smoke Belching Operations	The conduct of anti-smoke belching campaign is to help address and ensure vehicles compliance 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 at Brgy. Tallugan, Reina Mercedes, Isabela together with the DENR-EMB Region 02 and LTO R02, LGU-Reina Mercedes thru the Municipal ENRO and PNP-Highway Patrol Group Isabela Mobile Operative on July 21, 2022. A total of 26 diesel-powered vehicles consisting of trucks, shuttles and van (PUVs) were inspected and tested during the roadside inspection and only ten (10) vehicles passed the emission standards. Operators/drivers of vehicles that exceeded the emission standards were issued with violation tickets by LTO R02 enforcers.
E. Technical Support in Preparation and Updating of 10-Year Ecological Solid Waste Management Plan	Conducted the actual WACS for three (3) selected sample days. These 3-day study period covered one market day, one ordinary day and one weekend. Wherein the final result of which is set of data that shows per capita and total waste generation and composition of such waste in a particular LGU	The ENRO personnel assisted and extended WACS as per request of the Local Chief Executive of LGU Cabagan. Two strategies of waste analysis was conducted: end of pipe waste; and households waste/purok/barangay were characterized. This activity was conducted in order to have a reliable waste management data to be used for the updating of their approved 10-Year Solid Waste Management Plan which will expire on the year 2024.
F. Monitoring of Sanitary Landfill Facilities	Pursuant to the provisions of the Local Government Code (RA No. 7160) and 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 jurisdiction.	Attended the inauguration of Sanitary Landfill Facility in the Municipality of Jones last July 13, 2022. The Inauguration was attended by DENR-EMB Region 02, DENR-CENRO San Isidro, Provincial Government of Isabela, LGU-Elected Officials and Department Heads.

G. Other Related Activities		
1. Maintenance of 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 were segregated and compiled according to waste composition in kilograms, to wit: Papers - 8.5kgs.; Bote-1 kg. and PET Bottles-3 kgs. with a total of 12.5 kilograms.
2.Deliberation of the 10-Year Ecological Solid Waste Management Plan	Approval of 10-Year ESWM Plan	The team led by ENR Officer, For. Geronimo P. Cabaccan, Jr assisted the Governor in the presentation and deliberation of the 10-Year ESWM Plan of the Province to the National Solid Waste Management Commission (NSWMC) on July 21, 2022. The panelist were composed of 3-member representatives: Commissioner Crispian Lao from the NSWMC; Mr. Joven Barcelo from Department of Science and Technology-Industrial Technology Development Institute(DOST-ITDI) and Mr. Dwight Ramos of the Coalition of Solid Waste Management Providers (CSMP).
III. MINERAL RESOURCES MANAGEMENT DIVISION		
A. Processing and Issuance of Permits	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.	For this month of July, no CSAG Permit applications were processed and issued.
B. Accreditation of Haulers	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.	A total of Seven (7) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Seventeen Thousand Six Hundred Forty (Php17,640.00) Pesos and One Thousand Seven Hundred (Php 1,800.00) Pesos for Accreditation Sticker of 17 equipment.
C. Site Verification and Inspection of Mining/Quarry Sites		For this month, no investigation and site verification of Mining/Quarry Sites were conducted.
D.Field Monitoring of Quarry Areas		For this month, 49,454.00 cu.m. quarry resources were extracted representing 420.00 Ordinary Earth, 37,091.00 Mixed, 629.00 G1/S1 and 11,314.00 Boulders with corresponding value of P1,961,360.00 representing P12,600.00 Ordinary Earth, P1,298,185.00 Mixed, P28,305.00 G1/S1 and P622,270.00 Boulders.
D. Other Related Activities		
1. Minahang Bayan Project	Engineering Geological and Geohazard Assessment at the Minahang Bayan Area, Dinapigue, Isabela	For. Geronimo P. Cabaccan, Jr. together with the Mines and Geo-Sciences Bureau Region 02 (MGB R02), coordinated with the officials of Dinapigue, Isabela with Mr. Rham Lipiada of Magna Corporation a prospect investor to the Minahang Bayan of the Province located at Sitio Dimacawal, Brgy. Digumased, Dinapigue, Isabela. Then conducted site reconnaissance.

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	<p>July 12, 2022- Personnel of this office attended the Pre-Construction Conference of San Juan-Barucboc-Estrada-Dummon Farm-to-Market Road PRDP subproject. Discussed every component of the project to the barangay officials and other stakeholders of the affected areas.</p> <p>July 20, 2022- Attended Ground-Breaking Activities of same as above. The activity was led by Department of Agriculture Regional Director, Municipal Mayor of Quezon and PPMIU Head, Atty. Eduardo R. Cabantac.</p> <p>July 26-29, 2022- Attended the Orientation and Workshop on the Integration of Climate & other risks consideration in the Provincial Commodity Investment Plan held at Villa Saturnina, Sta. Ana, Cagayan.</p>
2. Meetings, Seminars, Trainings and Workshops Attended		<p>July 5-6, 2022- Attended two-day Capacity Building on Water and Air Quality Monitoring regarding full devolution of certain functions of the Executive Branch to Local Governments. The training was conducted by DENR-EMB Region 02 at Piazza Zicarelli, Gamu, Isabela</p> <p>July, 27-28, 2022- Attended the Development of Response Plan for Northern Sierra Madre Natural Park at Piazza Zicarelli Hotel and Restaurant, Brgy. Upi, Gamu, Isabela.</p>
3. Energy Audit		<p>On July 4-7, 2022, the ENR personnel assisted the Auditors from Trisy Link, USAID-ESP and PLENRO-ESP in the conduct of 4-day Energy Audit. The audit started with Pre Energy Audit meeting. The next two days were allotted for the observation and inspection of the offices and facilities of PGI. The last day was the Exit Conference attended by the PGI Department Heads headed by the Provincial Administrator Atty. Noel Manuel R. Lopez in which the Auditors presented the result of the conducted energy audit highlighting the PGI's best practices in energy efficiency and conservation. Recommendations were also cited in some areas for improvement.</p>
4. Risk Resiliency Program through Cash-For-Work (RRP-CFW) on budget preparations for CY 2024		<p>On July 28, 2022, a consultation meeting was conducted between personnel from the Department of Social Welfare and Development Regional Office No. 02 and the Provincial Government of Isabela-Technical Working Group to discuss the new guidance on the Risk Resiliency Program through Cash-For-Work (RRP-CFW) on budget preparations for CY 2024. Personnel from DSWD presented the Guidance No. 02 during the meeting highlighting additional type of projects that can be proposed for the program including Cash-For-Training activities. For CY 2024, up to 7,128 beneficiaries will be allocated for the province of Isabela to be distributed to the different cities and municipalities of the province.</p>

4.Support to Environment Month Celebration		On July 29, 2022, two personnel of this office served as Board of Judges in different events conducted by LGU Quezon, Isabela culminating their Celebration of National Environment Month.
5. Briefing and Orientation of the OJT Students		This office conducted briefing and orientation with BS Forestry senior students from the College of Forestry and Environmental Management (CFEM)-ISU Cabagan Campus on July 27, 2022. The six students will have their 4-week On-the-Job Training (OJT) as part of the forestry course curriculum under the supervision of For. Geronimo P. Cabaccan, ENR Officer.
CONSOLIDATED BY:		
<div><div> JESSA C. RIVERO Community Development Assistant II</div><div> IVY M. GATAN Administrative Officer I</div></div>		
CERTIFIED CORRECT:		
<div> GERONIMO P. CABACCAN, JR. Environment and Natural Resources Officer</div>		

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



Photos of the activities conducted at the ENRO Provincial Nursery for the month of July, 2022.



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 July, 2022.



Continued conduct of maintenance and beautification activities of Ale-Ale building and vicinities.



Photos taken during the virtual presentation and deliberation of the 10-year Ecological Solid Waste Management Plan of the Province at the National Solid Waste Management Commission on July 21, 2022.



Photos taken during the conduct of Roadside Anti-smoke Belching Operation at Tallungan, Reina Merceddes, Isabela on July 21, 2022.



Brushing, cleaning and planting of vegetable



Production of organic fertilizer thru vermicomposting



Waste Analysis Characterization Study



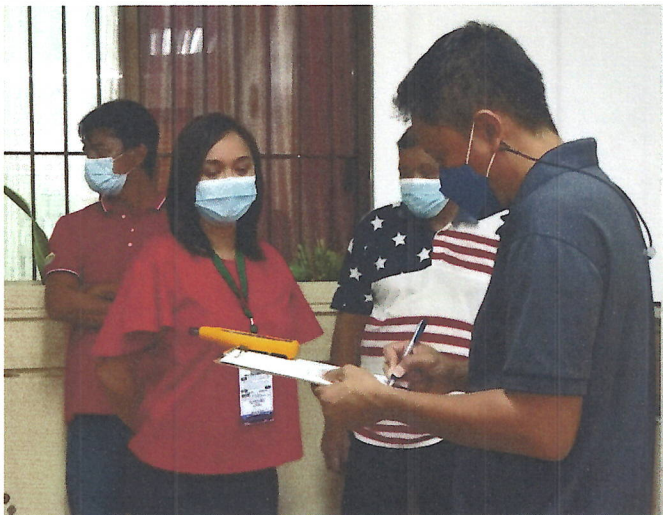
Inauguration of Sanitary Landfill Facility



Photos taken during the field monitoring of sand and gravel extraction at the different quarry sites in the province for the month of July.



Day to day documentation during the 4-day Energy Audit from July 4-7, 2022.



Photos taken during the conduct of Risk Resiliency Program through Cash-For-Work (RRP-CFW) on budget preparations for CY 2024 consultation meeting on July 28, 2022.



For. Bladimir A. Pintucan and For. Phoebe T. Legawen during the celebration of National Environment Month at Quezon, Isabela on July 29, 2022.

