



Accomplishment Report

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
I. FOREST MANAGEMENT AND CONSERVATION DIVISION		
A. Forest Resources Development Activities:		
I. Nursery Operations & Maintenance Works		
<p>a. Production/Propagation and Disposition of seedlings</p>	<p>Production, propagation and procurement of seedlings stock and disposition of seedlings</p>	<p>Beginning balance: 37,609 seedlings to include Agoho, Anchoan Dilaw, African Tulip, Balitbitan, Chest Nut, Golden Shower, Ipil, Kamagong, Fire Tree, Rain Tree, Mahogany, Narra, Rubber Tree, Talisay, Tindalo, Tuai, Atis, Antipolo, Bignai, Cacao, Calamansi, Citrus/Mandarin, Duhat, Guyatis, Langka, Lansones, Mangga, Mangosteen, Passion Fruit, Pomelo, Rambutan, Tamarind, Santol, Satsuma, Verba, Bamboo, Beetle Nut, Anonas, and Tokyang Palm;</p> <p>Number of seedlings produced: 176 seedlings consist of 100 forest trees and 76 fruit bearing trees.</p> <p>Number of seedlings released: A total of 2,871 assorted seedlings were disposed to various requesting constituents.</p> <p>Mortality rate: The mortality rate stands at 0.76%, resulting in 290 seedlings lost.</p> <p>This month, 39 out of 43 seedling requests were released and distributed to various public and private entities. The remaining 4 requests are prepared and ready for pick-up.</p> <p>Stock balance: 34,624 seedlings as of June 30, 2024.</p>
<p>b. Maintenance works</p>	<p>Maintenance of Provincial Nursery; Operation of Clonal Nursery; Brushing, ring weeding and greening of two nurseries; arrangement and sorting of seedlings for hardening; seeds and wildlings collection and propagation; and other activities that may be assigned to be accomplished during the period</p>	<p>Six workers were hired through a Job Order Contract and were supervised and guided by ENRO technical personnel. Regular maintenance activities at the nursery includes enhancing seedling beds, potting soil for seeds, collecting seeds and wildlings, transplanting, sorting seedlings, and watering plants.</p>

<p>2. Climate Change Mitigation/ Adaptation and DRRM Initiatives</p>	<p>Implementation of forest rehabilitation and other greening efforts such as but not limited to watershed rehabilitation, agro-forestry/urban greening, riparian rehabilitation & development, mangrove & beach forests rehabilitation 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>	<p>Personnel from the ENR Office participated in the distribution of Cash For Work/Training (CFW/T) assistance under Project LAWA at BINHI, part of the Risk Resiliency Program (RRP), in the municipality of Echague and the City of Ilagan, Isabela, from June 19-21, 2024. A total of 780 beneficiaries in Echague and 1,087 beneficiaries in the City of Ilagan received cash incentives after their documentary requirements were verified and checked for their contributions to Project LAWA at BINHI.</p> <p>Additionally, ENRO staff monitored seedlings planted for the Agroforestry Development Project through the Cash-for-Work Program and inspected seedlings awarded to various beneficiaries on June 26-27, 2024, in Echague and the City of Ilagan, Isabela. The two areas of Project LAWA and BINHI, located in Brgys. Sta Cruz and Maritao, Echague, were planted with vegetable crops, forest trees, and fruit-bearing seedlings.</p> <p>The previous year's project, which involved planting within the riparian areas of the same barangays, was also monitored. The bamboo planted last year has grown to more than 2 meters in height and has a survival rate of approximately 60%.</p>
<p>B. Forest Protection and Law Enforcement Activities:</p>		
<p>1. Manning of Checkpoints</p>		
<p>a. Foot/mobile Patrolling and Surveillance</p>	<p>Foot/mobile patrolling and surveillance of illegal cutting and transporting of forest products.</p>	<p>ENRO and ISEP-TF personnel conducted surveillance and mobile patrolling in the following areas:</p> <ul style="list-style-type: none"> -Alinguigan 3rd, Alinguigan 2nd, Malalam, Fuyo, San Ignacio, San Juan, Capellan, Batong Labang, San Lorenzo, Bintacan, Cabisera 8, Cabisera 14-15, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest barangays of City of Ilagan, Isabela; -San Vicente/Tupa, San Pablo, Isabela; -Magassi, Masipi East, and Masipi West, Cabagan, Isabela; -Antagan, Cumabao, Dy-Abra, Tumauni, Isabela; -Benito Soliven and San Mariano areas; -Forest region at Jones and San Agustin, Isabela; -Ilagan-Divilacan Road Rehabilitation Project (IDRRIP) <p>Also, they provided support in monitoring Sand and Gravel Extraction Activities.</p>

<p>b. Apprehension/Confiscation</p>	<p>Apprehension/confiscation of illegally cut and transported forest products</p>	<p>For this month, the following were the apprehended/confiscated forest products during the conduct of forest protection activities, to wit:</p> <p>June 10, 2024: 75 pieces (1,500 bd.ft) of Red Lauan lumbers at Bintacan River, Batong Labang, City of Ilagan</p> <p>June 14, 2024: 9 pieces (464.3 bd.ft.) of Narra Flitches at Ballacong, City of Ilagan</p> <p>June 17, 2024: 47 pieces (810.67 bd.ft.) of Red Lauan lumbers and 1 Piece (33.75 bf. ft.) of Narra flitch at Batong Labang, City of Ilagan</p> <p>June 20, 2024: 26 pieces (350 bd.ft.) of Common Hard Wood and 6 pieces (84.67 bd. ft.) of Banwang flitches at Brgy. Bintacan River, Batong Labang, City of Ilagan</p> <p>June 25-26, 2024: 145 pieces (2,929.33 bd.ft) of Assorted Common Hard Wood at Bintacan River, City of Ilagan</p>
<p>2. Donation/Utilization of Forest Products</p>	<p>Granting of request for wood materials</p>	<p>No donation/utilization of forest products was recorded for this month.</p>
<p>C. Activities Undertaken in Support of IDRRIP</p>	<p>Patrol works and monitoring activities and maintenance of reforestation areas</p>	<p>ISEP-TF and ENRO personnel consistently carried out monitoring and maintenance activities in the IDRRIP reforestation areas.</p>
<p>D. Other Related Activities</p>		
<p>1. Pick-up of green mussel spats</p>		<p>On May 23-24, 2024, ENRO personnel went to Bureau of Fisheries and Aquatic Resources (BFAR) Dagupan to pick-up the green mussel spats for the oyster and green mussel project. The ENRO staff arrived at BFAR Dagupan at around 3:00 in the afternoon of May 23, 2024.</p> <p>Mr. Francisco Reyes of BFAR-NFDC together with his staff assisted the ENRO personnel during the visit. Brief on-site information campaign and touring was conducted. Mr. Reyes discussed the process on how they culture different types of shellfishes in their hatchery. Afterwhich, BFAR personnel began to carefully put the green mussel spats in the styro-boxes in preparation for transport. One hundred fifty ropes containing around 225,000 green mussel spats were transported by the undersigned from Dagupan City, Pangasinan to Tuguegarao Airport. The spats were then transported to project site at Divilacan, Isabela the following day via plane and boat.</p>

<p>2. Inspection and monitoring activities on the Oyster and Green Mussel Project</p>		<p>Personnel from the Provincial Government of Isabela headed by the Environment and Natural Resources Officer, For. Geronimo P. Cabaccan Jr. and Bureau of Fisheries and Aquatic Resources Office 02 (Mr. John P. Figuracion and Mr. Ervie A. Rigos) went to Divilacan and Palanan, Isabela on June 3-8, 2024 to conduct project inspection, monitoring and on-site water quality testing of the oyster and green mussel project. The oyster and green mussel project aims to provide livelihood to the fisherfolk of the coastal municipalities, to promote shellfish farming by introducing culture farming techniques, and to promote and sustain production of quality and safe shellfish products for Isabeleños.</p> <p>The primary objective the trip was to conduct an inspection and monitoring of the ongoing Oyster and Mussel Project in the coastal municipalities of Divilacan and Palanan in Isabela. The focus was on assessing the current status of the project, evaluating the implementation process, production and identifying any issues or challenges that need to be addressed to ensure the project's success.</p> <p>Summary of Accomplishment and Recommendations: The Oyster and Green Mussel Project in Divilacan and Palanan is making a significant progress and has the potential to greatly benefit its local communities. While there are challenges needed to be addressed, the overall response from the community is positive, and the project is on track to achieve its objectives. By implementing the recommended improvements and providing continued support, the project can further enhance its impact and sustainability to be able to provide sufficient oyster and green mussel breeders for local communities who are interested to engage in shellfish enterprise.</p> <ul style="list-style-type: none"> <input type="checkbox"/> The result of the inspection and monitoring shows that culture of oyster in the area is feasible as shown in the presence of spats in the collectors. <input type="checkbox"/> Culture of green mussel is yet to be determined since the spats were newly installed; the spats of green mussel installed last year did not prosper due to delays in the transportation resulting to high mortality. The new mussel spats were travelled from BFAR-NFTDC Pangasinan to Cauayan Airport via plane to Divilacan. The spats were installed within the day and hoping for higher survival. <input type="checkbox"/> Newly installed mussel should allow to grow and reproduced first before transferring to the other site to avoid mortality. <input type="checkbox"/> Results of water test at Brgy. Maligaya, Palanan showed lower salinity level than the results taken from Divilacan. Even so, the project site is still suitable for oyster culture. <input type="checkbox"/> Improvement and maintenance of rafts and stakes (bamboos) are recommended. Some bamboos are brittle and need to be replaced for better farm management. <input type="checkbox"/> Scrubbing of oyster collectors is needed so that the oyster spats can easily attached. Oyster spats collector like coconut shell can be used as an alternative collector.
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<p>3. Project Implementation Review on Risk Resiliency Program thru Cash for Work/Training C.Y. 2024 (Project Lawa at Binhi)</p>		<p>On June 21, 2024, personnel from this Office attended the Project Implementation Review on RRP thru Cash for Work/Training C.Y. 2024 at Hotel Carmelita, Tuguegarao City, Cagayan. Organized by DSWD Regional Office No. 02, this activity was also attended by other members of the TWG from PPDO and PBO of the province; MSWDO, MDRRMO, MAO and MENRO of the target city and municipalities in the province of Isabela and Cagayan.</p> <p>During the meeting, the implementation status was presented for each province. In the afternoon a workshop was conducted to craft a catch-up plan for each C/MLGUs focusing on the sustainability of projects. Lastly, the output of the workshop was presented per province for critiquing.</p> <p>The results and agreements from the activity will be communicated to the LGUs through an official letter.</p>
<p>4. Field Orientation by Mabuwaya Foundation Experts</p>		<p>Following the One Day Capacity Building for Wildlife Enforcement Officers (WEOs) on the Wildlife Conservation and Protection Act (RA 9147), ENRO personnel participated in a field orientation conducted by experts from the Mabuwaya Foundation. The event took place at the Philippine Crocodile Conservation Center at ISU San Mariano, Isabela in celebration of World Wildlife Day.</p> <p>This session aimed to enhance the practical knowledge of participants on wildlife conservation, with a special focus on the critically endangered Philippine crocodile. For. Bernard Tarun, a Biodiversity Specialist at the Mabuwaya Foundation, led the session, providing a comprehensive overview of the various wildlife species found in Isabela and addressing all participants' questions.</p> <p>After the orientation, participants proceeded to the crocodile rearing and breeding grounds at the back of the center, where they observed the habitat of the crocodiles, including partners Fernando and Angie, along with other juvenile crocodiles. Participants had the opportunity to take a photo with one of the 2-year-old juvenile crocodile and learned how to handle their safely.</p> <p>This field orientation is part of the ongoing efforts of the Provincial Government of Isabela to strengthen the enforcement of RA 9147, promote sustainable environmental practices through continuous education, and collaborate with conservation experts to ensure the effective protection of wildlife in the province.</p>

<p>5. Mobilizing Coastal Communities for Foreshore Landscape Restoration through Riparian Development and Erosion Control Measures cum Month of the Ocean Celebration and Monitoring and Inspection of Waste Disposal Facilities of the Municipality of Dinapigue</p>		<p>The Provincial Government of Isabela, through its Environment and Natural Resources Office, Isabela Coastal Development Office, and Provincial Youth Development Office, in collaboration with the Department of Environment and Natural Resources Region 02 and the Municipality of Dinapigue, with special participation from the Isabela Tourism Office and the National Commission on Indigenous Peoples - Isabela, successfully conducted an Information, Education, and Communication (IEC) campaign activity. The event, titled "Mobilizing Coastal Communities for Foreshore Landscape Restoration through Riparian Development and Erosion Control Measures," was held in celebration of the Month of the Ocean through a Community Camp in Dinapigue, Isabela, from May 30 to June 1, 2024.</p> <p>This three-day event in Dinapigue involved both community stakeholders and the youth sector. Its purpose was to educate them about coastal ecosystems and the significance of riparian zones, encouraging them to engage in hands-on restoration efforts to stabilize foreshore areas and boost local biodiversity. Additionally, the camp aimed to cultivate a sense of environmental responsibility through camaraderie among all participants and the wider community.</p> <p>Highlights of Activities during the Community Camp:</p> <ol style="list-style-type: none"> 1. Presentation of Programs, Projects, and Activities (PPAs) of the Provincial Government of Isabela, LGU Dinapigue, and DENR-CENRO Palanan through its Satellite Office in Dinapigue. 2. Presentation on the Role of Riparian Zones and the Importance of Biodiversity by PGI ENRO. 3. Presentation of "Environment for Life: Mobilizing Community through Environmental Leadership" by DENR Regional Office. 4. Presentation on Plant Identification and Planting Techniques by MENRO Dinapigue. 5. Team Building Activity. 6. Presentation of Sustainable Ecotourism by Isabela Tourism Office. 7. Presentation of Coastal and Marine Ecosystems Protection through CMEMP by DENR CENRO Palanan. 8. Presentation of Northern Sierra Madre Natural Park and its Contribution to Climate Change Action by DENR CENRO Palanan. 9. Presentation on Community Youth Leadership by PGI PYDO. 10. Presentation on Gender and Development by PGI ICDO. 11. Lecture on Cultural Sensitivity by NCIP. 12. Field Visit to Dinapigue Mining Corporation Nursery and Agroforestry Farm with Lecture on Responsible Mining. 13. Tree Planting cum Growing and Coastal Cleanup Drive. 14. Field Practicum on Simple Bioengineering Structures as Erosion Control/Measures (brushwood dams, mini check dams). 15. Action Planning Workshop and Ways Forward.
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<p>6. Cave Assessment</p>		<p>The Technical Working Group (TWG) composed by Mines and Geosciences Bureau (MGB), DENR-CENRO- Protected Area Management and Provincial Government of Isabela - Environment and Natural Resources Office (PGI-ENRO) representatives conducted Cave Assessment located at Barangay Antagan 1st, Tumauni, Isabela on June 20-21, 2024.</p> <p>The team were able to assess two (2) Caves and identify the geological features (different kinds of stalactites and stalagmites), and conducted Fauna and Flora Assessment. Fauna species seen in the caves are bats, swiftlets, crickets, ants, termites and dead shells. Flora species are banato, balete and other native species; there were ferns and vines commonly seen outside the cave.</p> <p>As per observation, the two caves have cracks on the walls and according to the geologist it is safe to go inside if the location has no fault line.</p>
<p>7. Urban Biodiversity Assessment</p>		<p>On June 5-7, 2024, ENRO staff joined the conduct of Urban Biodiversity Assessment relative to DENR Administrative Order 2016-12 or the Philippine Biodiversity Strategy and Action Plan 2015-2018.</p> <p>The activity was conducted within the vicinity of Holy Trinity Agroforestry Farmer’s Cooperative (HATFC) at Brgy. Rang-ayan. The assessment was led by DENR-CENRO Naguillan members and carried out in collaboration with the City MENRO representative.</p> <p>The team set out to create a 2-kilometer asymmetrical transects line with 250 meters in each station, using the basis map as a reference for the routes. There are additional 200-square meter sample plots around each station boundary. Every plant inside the allotment was measured for its diameter, merchantable height, and total height of a single bole when inventorying the vegetation. Furthermore, species of shrubs, herbs, and grasses were recognized.</p> <p>The team set up three mist net traps along the 2-kilometer transect line in order to identify the birds and other wildlife species that were trapped. Three distinct species of birds and common fruit bats were captured by the team during the fauna evaluation. Prior to release, each species was measured in accordance with the DENR assessment form.</p>

<p>7. Monitoring of Seedlings Distributed to Various Beneficiaries</p>		<p><i>Namnama Elementary School</i> requested seedlings to be planted on their school vicinities on the year 2017. There were fifty (50) pieces of assorted seedlings given to the school which has more or less 90% survival rate. The seedlings of Rambutan, Narra, Molave and Kamagong were properly maintained with tree guards. According to the School Principal, the seedlings planted are a great help to students and teachers providing shade and breathable fresh air to the learners. The seedlings are now fully grown with a height of 2 to 3 meters tall.</p> <p><i>Barangay of Alinguigan 2nd</i> planted their requested bamboo seedlings at the riverbanks. Officials of the barangay said that the high mortality rate of the bamboo propagules are caused by extreme heat, flood, and on-going river control project with a survival rate of more or less 20%.</p> <p><i>Mr. Flordelindo Asuncion</i> from San Mariano requested seedlings and propagules from year 2018 to 2022. The 80 bamboo propagules and various fruit and forest tree seedlings were planted on their farm in Brgy. Minanga. It was observed that the seedlings and propagules had an impressive 90% survival rate, with the plants reaching a height of 5 meters.</p>
<p>8. Urban Biodiversity Assessment</p>		<p>On June 5-7, 2024. ENRO staff joined the conduct of Urban Biodiversity Assessment relative to DENR Administrative Order 2016-12 or the Philippine Biodiversity Strategy and Action Plan 2015-2018.</p> <p>The activity was conducted within the vicinity of Holy Trinity Agroforestry Farmer's Cooperative (HATFC) at Brgy. Rang-ayan. The assessment was led by DENR-CENRO Naguillan members and carried out in collaboration with the City MENRO representative. Upon coordination of the team to the responsible barangay officials' in-charge that time, the team proceeded to the HATFC function hall. Meanwhile, The team planned the assessment's flow in a casual meeting to ensure a smooth execution of the task.</p> <p>The team set out to create a 2-kilometer asymmetrical transects line with 250 meters in each station, using the basis map as a reference for the routes. There are additional 200-square meter sample plots around each station boundary. Every plant inside the allotment was measured for its diameter, merchantable height, and total height of a single bole when inventorying the vegetation. Furthermore, species of shrubs, herbs, and grasses were recognized.</p> <p>The team set up three mist net traps along the 2-kilometer transect line in order to identify the birds and other wildlife species that were trapped. Three distinct species of birds and common fruit bats were captured by the team during the fauna evaluation. Prior to release, each species was measured in accordance with the DENR assessment form.</p>

<p>9. Maintenance of Isabela Provincial Eco-Park</p>	<p>Maintenance of 3.3 hectares Isabela Provincial Eco-Park (IPEP) to include the Permaculture Building.</p>	<p>The Job Order service providers consistently and routinely perform housekeeping, landscaping, beautification, herbal garden maintenance, composting, tree park maintenance, and pathway upkeep activities at the Isabela Provincial Eco-Park.</p>
<p>10. Wildlife Resources Conservation and Protection Act (RA 9147) for deputized Wildlife Enforcement Officers (WEOs)</p>		<p>The Provincial Government of Isabela, through the Environment and Natural Resources Office (ENRO), kicked off the 1st batch of a one-day training program on the Wildlife Resources Conservation and Protection Act (RA 9147) for deputized Wildlife Enforcement Officers (WEOs). This initiative aims to enhance the knowledge and skills of ENRO personnel and ISEP-TF operatives who will be designated as WEOs.</p> <p>Held on June 13, 2024, at the PEC Building within the Provincial Capitol Compound, Alibagu, City of Ilagan, Isabela, the training covered a range of topics crucial for effective wildlife law enforcement. Forester III, Juli Anne B. Gammad of DENR-PENRO Isabela served as the Subject Matter Expert (SME). Participants engaged in presentations and structured learning exercises on:</p> <ul style="list-style-type: none"> • Status of Biodiversity • An Introduction to RA 9147 • Jurisdiction and Mandates of Different Government Agencies • Responsibilities of Wildlife Enforcement Officers (WEOs) • Evidence in Wildlife Cases • Investigation and Legal Forms • Wildlife Law Enforcement Protocol • Rules of Procedure on Environmental Cases <p>This training program goes beyond advancing conservation objectives. It serves as a testament to PGI's unwavering commitment to good governance, sustainable development of the province's natural resources, and safeguarding its natural heritage for future generations.</p>
<p>11. Arbor Day</p>		<p>June 25, 2024- In celebration of Arbor Day, this Office conducted a tree-planting activity in the vicinities of Isabela Provincial Eco-Park. Participated by Job Order service providers, ISEP-TF operatives, and ENRO staff, various fruit bearing tree seedlings were planted during the activity.</p>

II. ENVIRONMENTAL MANAGEMENT DIVISION

<p>A. Vermicomposting Facility</p>	<p>Production of Organic Fertilizer thru Vermicomposting</p>	<p>For this month, a total of 4,700 kgs. were produced with a remaining stock balance of 27,551 kgs. as of June 30, 2024.</p> <p>As per records, a total of 4,500 kilograms of organic fertilizer were disposed to the Office of Provincial Engineer (OPE) and four (4) ISEP-TF Monitoring Checkpoints (Jones, Marana, Abuan, and Disipon), Provincial Nursery, Isabela Provincial Eco-Park for seedling production and for ENRO organic vegetable garden.</p> <p>Also, the collection of substrates in the production of organic fertilizer like collected compostable wastes from heaps, dried grasses, banana stalks, animal manure, and assorted tree leaves were undertaken.</p>
<p>B. Collection and Segregation of Waste at the Materials Recovery Facility</p>	<p>Refers to Executive Order No. 28, series of 2024, directing all offices and hospitals under the Provincial Government of Isabela to implement ecological solid waste management and waste segregation within their respective areas, and in line with Memorandum No. 13, series of 2024, mandating compliance with the Ecological Solid Waste Management Act of 2000 (RA 9003) for the proper segregation of garbage, trash, and waste materials.</p>	<p>Summary of Waste Disposal:</p> <p>1. Recyclable Waste</p> <ul style="list-style-type: none"> • Total Collected: 3,531.43 kilograms • Disposed to: ENRO Materials Recovery Facility (MRF) <p>2. Residual Waste</p> <ul style="list-style-type: none"> • Total Collected: 5,833.01 kilograms • Disposed to: City of Ilagan Sanitary Landfill Facility (SLF) <p>3. Hazardous/Infectious Waste</p> <ul style="list-style-type: none"> • Total Collected: 3,043 kilograms • Disposed to: ENRO Materials Recovery Facility (MRF) <p>4. Biodegradable Waste</p> <ul style="list-style-type: none"> • Total Collected: 6,511.78 kilograms • Disposed to: ENRO Compost Heap and Vermicomposting <p>TOTAL: 18,919.22 kilograms</p>
<p>C. Monitoring of Sanitary Landfill Facility</p>	<p>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.</p>	<p>ENRO personnel monitor the Waste Disposal and Waste Management System of the Municipality of Dinapigue, Isabela. Below are the findings, observations, remarks, and recommendations:</p> <p>1. Dinapigue Sanitary Landfill Facility (June 1, 2024)</p> <p>Findings and observations:</p> <ul style="list-style-type: none"> • The SLF cell boundary is surrounded by scattered biodegradable wastes, including coconut leaves, husks, garden waste, etc. • There is no proper storage for pulverized glass bottles. • No unpleasant odors are present within the vicinity. • The waste diversion planning phase is underway. <p>Recommendations:</p> <ul style="list-style-type: none"> • Maintain orderliness and cleanliness within the vicinity of the SLF, prioritizing the SLF cell, drainage area, and MRF for safety and efficient disposal.

		<ul style="list-style-type: none"> •Place detailed signages, including the Environmental Compliance Certificate (ECC) with Geographical Coordinates of the SLF at the rear entrance of the SLF. While not mandatory, it is recommended to include signage with the time and schedule of collection, as well as the procedures for SLF operation. •Install signages along the highway indicating the Dinapigue Sanitary Landfill Facility, along with distance markers. •Clean the wild grass near the leachate sedimentation tank, and check if the last sedimentation tank is leaking or overflowing, taking appropriate remedial action if necessary. •Disinfection treatment of the leachate pond with chlorine is advised. Please gather baseline data from DENR-EMB R02 to determine the minimum chemical concentration per cubic meter of leachate (wastewater) generated. •Construct a bed/storage area for pulverized glass bottles for safety purposes. •Coordinate with the Municipal Engineer's Office of Dinapigue for a possible extension and cleanup within the vicinity to accommodate dump trucks directly disposing of solid waste collected in the cell.
D. Provincial Solid Waste Management Board		<p>June 21, 2024- Joint Provincial/City/Municipal Solid Waste Management Board conducted its Second Quarter Meeting to address environmental challenges and promote sustainable waste management practices held at the GFNDy Sr. Session Hall, Provincial Capitol, City of Ilagan, Isabela.</p>
E. Other Related Activities		
1. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced a total of 11 kgs. charcoal briquettes for this month.
2. 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.

<p>3. Water Quality Monitoring Analysis</p>		<p>June 07, 2024- Personnel from this office together with the Department of Environment and Natural Resources-Environmental Management Bureau (DENR-EMB) personnel, conducted ambient water quality monitoring analysis in Abuan River located at Brgy. Cabisera 10, City of Ilagan, Isabela.</p> <p>The classification of the Abuan River will be determined based on ten primary requirements. Three of these requirements were measured on-site, while the remaining seven will be analyzed at the EMB Region 02 Environmental Laboratory located at RBB Nature Park and Wildlife Center, Baggayan Park, Regional Government Center, Carrig Sur, Tuguegarao City. The ten (10) primary parameter classified by DENR-EMB are Biochemical Oxygen Demand (BOD), Chloride, Color, Dissolved Oxygen (DO), Fecal Coliform, Nitrate, pH, Phosphate, Temperature, and Total Suspended Solids (TSS).</p> <p>The analysis results will be released ten working days after the samples are submitted to the laboratory.</p>
<p>4. Environment Month</p>		<p>June 28, 2024- ENR Personnel, ISEP-Task Force Operatives, and Job Orders Workers headed by For. Geronimo P. Cabaccan, Jr. conducted clean-up drive activities within ENRO premises. This activity is in celebration of 2024 Environment Month pursuant to Presidential Proclamation No. 237, series of 1988 with this year’s theme “One Environment, One Future.”</p>
<p>5. World Ocean Day and Coral Triangle Day</p>		<p>June 7, 2024- Personnel from this office joined DENR-EMB Regional Office 02 in the conduct of simultaneous coastal and river clean-up, commemorating World Ocean Day and Coral Triangle Day at Cabisera 8, City of Ilagan, Isabela.</p>
<p>III. MINERAL RESOURCES MANAGEMENT DIVISION</p>		
<p>A. Processing and Issuance of Permits</p>	<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.</p>	<p>For the month of June, this office received One (1) Commercial Sand and Gravel (CSAG) Permit Application with corresponding administrative/ processing fees collected by the PTO amounting to Php 11,330.00.</p>

<p>B. Site Verification and Inspection of Mining/Quarry Sites</p>	<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. The activity for the received application shall be conducted next month of July.</p>
<p>C. Accreditation of Haulers</p>	<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, this office received and processed applications of, and issued Accreditation Permit, to Five (5) haulers/ dealers/traders and retailers trading mineral products and by-products. Correspondingly, Twenty-two (22) accreditation stickers were issued for the conveyances and equipment registered.</p> <p>A total of 17,000.00 accreditation fees were remitted to PTO representing the permit application fees amounting to 12,600.00 and 4,400.00 for the stickers.</p>
<p>D. Field Monitoring of Quarry Areas</p>		
<p>1. Regular field inspection and monitoring</p>		<p>Simultaneous with the compliance checking of Accreditation Permit conducted by the ISEP-TF Operative members, personnel of this Office also have its regular field inspection and monitoring. Activities include inspection of random vehicles transporting sand and gravel materials, supervising assigned personnel in the quarry areas, monitoring implementation of extraction policies such as "No Prepayment, No Extraction", extraction in the main river bed, and no screening of materials in the extraction site policy.</p> <p>For this month, said activities were specifically conducted at the Municipalities of Cabagan, Delfin Albano, Jones, San Agustin, San Pablo, Sta. Maria, and Tumauni, Isabela.</p> <p>Most of the flagged-down vehicles transporting sand and gravel materials have already secured their Accreditation Permits. Meanwhile, vehicles with no accreditation were temporarily stopped and not allowed to enter the quarry areas. All of them immediately secured said requirement. On the other hand, haulers/operators who have exhausted their pre-payments were advised to pay their post payment and secure another pre-payment to avoid temporary stoppage of their operation. While most of the policies were implemented as observed, haulers were still reminded of the "No Net, No Transport" policy.</p> <p>All personnel assigned in their respective quarry areas of assignment were present. However, they were advised to report on-time at the quarry areas/outlet of assignment and to wear their proper uniform. Those in areas with no operation were temporarily assigned to areas with operation, while some reported to office and assisted in nursery activities.</p>

<p>2. Monitoring of extraction activities</p>		<p>For the month of June, fifty-five (55) quarry areas have been monitored with extraction activities in the province with a total of 57,040.00 cu.m. of sand and gravel and other quarry resources extracted. This represents 3,926.00 cu.m. Ordinary Earth, 43,886.00 cu.m. Mixed, 1,000.00 cum. G1/S1 and 8,228.00 cu.m. Boulders; and with gross value amounting to Php 2,151,330.00 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 1,176,813.15 gross value of fees and taxes was remitted to PTO this month as prepayment to 31,606.09 cu.m. of Boulders, Mixed gravel and Ordinary Earth materials.</p> <p>Post-payment was also remitted for the monitored aggregates with volume totalling to 13,626.00 cu.m. of boulders, G1S1, mixed gravel, and ordinary earth, corresponding to Php 549,830.00 taxes and fees.</p>
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IV. OTHER PROGRAM/PROJECT/ACTIVITY

<p>1. Meetings, Seminars, Trainings and Workshops Attended</p>		<p>June 18, 2024- Writeshop for Final Drafting of Pananabban, Sinasadigan Creek and Pidpidiong Cave Site Management Plan at Protected Area Management Office (PAMO), Antagan 1st, Tumauni, Isabela</p> <p>June 19, 2024- Participatory Climate Risk Mapping Workshop at Philrice Compound, Malasin, San Mateo, Isabela</p> <p>June 25-26, 2024- Attended 2024 Stakeholders' Forum with the theme: "Elevating Responsible and Sustainable Mining towards Stronger Community Partnerships" at Casa Jardin, Santiago City, Isabela</p> <p>June 25-26, 2024- Attended 2-day Solid Waste Management Summit/Orientation/ Capacity at Tuguegarao City</p> <p>June 26, 2024- Attended 2nd PELEC Meeting at DENR-PENRO, City of Ilagan, Isabela</p> <p>June 26, 2024- Attended 2nd Quarter Meeting the PSC-Isabela at the Blue Room, Capitol, Alibagu, City of Ilagan, Isabela</p>
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PPREPARED BY:

(SGD.) JESSA C. RIVERO
Community Development Assistant II

(SGD.) IVY M. GATAN
Administrative Assistant I

CERTIFIED CORRECT:

(SGD.) GERONIMO P. CABACCAN, JR.
Environment and Natural Resources Officer

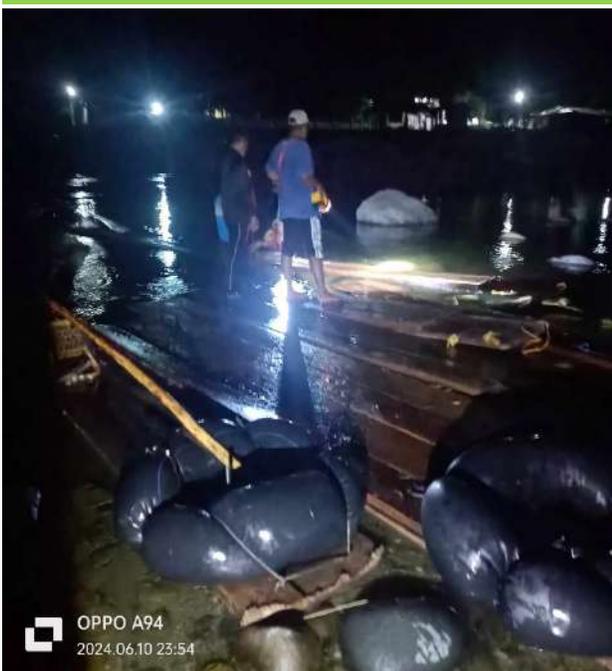
Photos of activities conducted at the Provincial Nursery for the month of June, 2024.



Photos taken during the conduct of maintenance activities at the Isabel Provincial Eco-Park for the month of June, 2024.



Apprehension of illegally harvested forest product at Bintacan river, Brgy. Batong Labang, City of Ilagan, Isabela on June 10, 2024.



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OPPO Reno7 5G
Ilagan, Isabela | 2024.06.10 22:17



Wildlife Resources Conservation and Protection Act (RA 9147) Training for deputized Wildlife Enforcement Officers on June 13, 2024 at PEC Buiding, Capitol Compound, City of Ilagan, Isabela.



Field Orientation on Wildlife Resources Conservation and Protection Act (RA 9147) on June 28, 2024 at Philippine Conservation Center, ISU San Mariano, Isabela.



Apprehension of illegally harvested forest product at Bintacan river, Brgy. Rang-ayan, City of Ilagan, Isabela on June 25-26, 2024.





Photos during Arbor Day activities on June 25, 2024.



Soil Enhancer Production for the month of June 2024



Piling and Mixing



Chopping of Substrates



Watering



Scraping



Harvesting



Drying



Harvesting of Earthworms



Bagging

Production of Green Charcoal Briquettes for the month of June 2024



Soaking



Squeezing and Molding



Drying

Solid Waste Management Activities in compliance to Executive Order No. 28 and Memorandum No. 13 Series of 2024 at ENRO's Material Recovery Facility, Isabela Provincial Operated Hospitals and Coastal Sub-offices.



Sorting



Weighing



Recording



Collecting of Wastes



Monitoring



Segregating

Maintenance of Organic Vegetable Garden and ENR Office Surroundings



Monitoring and Inspection of Sanitary Landfill Facility located at Brgy. Digumased, Dinapigue, Isabela



Cell



Leachate Pond



MRF

Conducted clean-up drive activities within ENRO premises in observance of Environment Month on June 28, 2024



Conducted Joint Water Quality Monitoring Analysis together with the DENR-EMB R02 Technical Personnel in Abuan River located at Cabisera 10, City of Ilagan, Isabela on June 7, 2024



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 June, 2024.





