



**Accomplishment Report**

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
<b>I. FOREST MANAGEMENT AND CONSERVATION DIVISION</b>		
<b>A. Forest Resources Development Activities:</b>		
<b>I. Nursery Operations &amp; Maintenance Works</b>		
a. Production/Propagation and Disposition of seedlings	Production, propagation and procurement of seedlings stock and disposition of seedlings	<p>Beginning balance: <b>32,031</b> 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: <b>470</b> seedlings consist of 200 forest trees and 270 fruit bearing trees.</p> <p>Number of seedlings released: A total of <b>3,478</b> assorted seedlings were disposed to various requesting constituents.</p> <p>Mortality rate: The mortality rate stands at 0.77%, resulting in 247 seedlings lost.</p> <p>This month, a total of twenty-five (25) seedling requests were received. Twenty-two (22) have been distributed to various public and private entities, while the remaining three (3) are ready for pick-up.</p> <p>Stock balance: <b>28,297</b> seedlings as of August 31, 2024.</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; seeds and wildlings collection and propagation; and other activities that may be assigned to be accomplished during the period	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.

2. Climate Change Mitigation/  
Adaptation and DRRM Initiatives

Implementation of forest rehabilitation and other greening efforts such as but not limited to watershed rehabilitation, agroforestry/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.

**Riparian Rehabilitation & Development Project**

- Local Youth Development Office of Reina Mercedes conducted bamboo planting activities along riparian areas. 500 bamboo propagules were distributed and planted covering around 500 linear meters of riparian areas.
- Local Youth Development Office of Cauayan City conducted bamboo planting activities along riparian areas. 500 bamboo propagules were distributed and planted covering around 500 linear meters of riparian areas.
- ISELCO II conducted bamboo planting activity along Alibagu creeks, City of Ilagan. 700 bamboo propagules were distributed and planted covering around 700 linear meters of riparian areas.

**Agroforestry Project**

- 400 assorted fruit-tree and forest tree seedlings were distributed to Mr. Jose Ascueta for the development of a 2-hectare agroforestry project at Sitio Bigao, Sindun Bayabo, City of Ilagan, Isabela. The planting activity is tentatively scheduled this September 2024. Additional seedlings will be distributed in a later date to cover the two-hectare area.
- 1,315 assorted fruit-tree and forest tree seedlings were distributed to LGU San Mariano for the development of a 4-hectare watershed/agroforestry project at San Mariano, Isabela. The planting activity is also scheduled for September 2024. Additional seedlings will be distributed in a later date to cover the four-hectare area.

**Watershed Rehabilitation Project**

- The proposed watershed area is situated in Brgy. Trinidad, Mallig, Isabela, covering a total of 15 hectares. The existing species in the area include Acacia Mangium, Gmelina, Agoho, Bignai-pugo, and Niyog-niyogan. According to MENRO staff, Acacia Mangium has the highest survival rate and is well-suited for the site.
- Another proposed watershed project is located in Annanuman, San Pablo, Isabela, covering 2.64 hectares. Guyabano trees have been planted along the fence and periphery of the SLF.
- The previous Watershed Rehabilitation Projects in Brgys. Minallo and Cabaruan, Naguilian, Isabela, were inspected. Narra and mahogany trees were planted in these areas. However, observations indicate that the sites lack proper maintenance, and there is a need for maintenance activities to be conducted.

<b>B. Forest Protection and Law Enforcement Activities:</b>		
1. Manning of Checkpoints		
a. Foot/mobile Patrolling and Surveillance	Foot/mobile patrolling and surveillance of illegal cutting and transporting of forest products.	<p>ENRO and ISEP-TF personnel conducted surveillance and mobile patrolling in the following areas:</p> <ul style="list-style-type: none"> <li>-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;</li> <li>-San Vicente/Tupa, San Pablo, Isabela;</li> <li>-Magassi, Masipi East, and Masipi West, Cabagan, Isabela;</li> <li>-Antagan, Cumabao, Dy-Abra, Tumauni, Isabela;</li> <li>-Benito Soliven and San Mariano areas;</li> <li>-Forest region at Jones and San Agustin, Isabela;</li> <li>-Ilagan-Divilacan Road Rehabilitation Project (IDRRIP)</li> </ul>
b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	No forest products were apprehended or confiscated this month.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	No donation/utilization of forest products was recorded for this month.
<b>C. Activities Undertaken in Support of IDRRIP</b>	Patrol works and monitoring activities and maintenance of reforestation areas	<p>ISEP-TF and ENRO personnel consistently carried out monitoring and maintenance activities in the IDRRIP reforestation areas.</p> <p>Also, personnel from this office conducted an on-site survey and monitored the site preparation activities and work progress of the 300-hectare reforestation project.</p> <p>From August 7-9, 2024, in collaboration with DENR personnel and a representative from the project contractor, the team conducted a site survey of areas occupied by two individuals within Site 1 and Site 2 of the 300-hectare reforestation project under the Tree Replacement Program awarded to the Provincial Government of Isabela by the DENR. These sites are located at Sitio Bandera, Brgy. Minanga, San Mariano, Isabela, and Sitio Kapaltatan, Brgy. Sindon Bayabo, City of Ilagan, Isabela. During the field verification, the team observed that some of the occupied areas had been previously tilled and planted with various species of agricultural crops, while open areas still suitable for reforestation were available. The team recommended interplanting fruit tree seedlings, particularly in areas where agricultural crops had been previously planted.</p> <p>Regarding the work accomplishments for the 300-hectare Reforestation Project, ENRO personnel also monitored site preparation activities and the contractor's work progress at Sitio Solimanan, Brgy. Sindon Bayabo, City of Ilagan, Isabela, on August 21-22, 2024. The implementation of the reforestation project is proceeding smoothly, as observed by the team during their assessment of the contractor's work.</p>

<p><b>D. Biodiversity and Wildlife Conservation Activities</b></p>		
<p>1. Finalization of three (3) Site Management Plans of Pananabban, Sinasadigan Creek and Pidpidiong Cave</p>		<p>On August 7-8, 2024, personnel of this Office attended the finalization of Site Management Plans of Pananabban, Sinasadigan Creek and Pidpidiong Cave Site Management Plan at CENRO Cabagan.</p> <p>During this session, the overview of the management plans were presented and discussed. The final review and revision of the aforementioned management plans followed and with the Biodiversity Management Bureau (BMB) Technical Bulletin (TB 2016-10) or the Outline of Cave/Wetland Management Plans as guide or reference. Further, the three site management plans already finalized for presentation and submission to the RCC.</p>
<p>2. Stakeholders' Consultation on Cave Management Plan</p>	<p>Participation and Initiatives on Biodiversity and Wildlife Conservation</p>	<p>Personnel from this Office attended and participated in the preparation of cave management plan regarding Dabo and Marayag, Spring and Crystal cave within Ilagan Sanctuary, Fuyot Spring National Park (FSNP) held at Piazza Zicarrel, Gamu, Isabela on August 15-16, 2024. Participating in the activity were the various partners from DENR-CENRO Naguillan, DENR-PENRO Isabela, Ilagan City ENRO and Tourism Office representatives.</p> <p>During the meeting, discussions covered the characteristics and classification of the caves, as well as the various flora and fauna present. The session also featured collaborative idea-sharing, leading to the finalization of the Mission, Vision, Goals, and Objectives of the three management plans, including budgetary requirements. Furthermore, prior to the Regional Council Committee (RCC) assessment, some budgets for site preparation and rehabilitations such as the enrichment planting of the caverns and their environs will be finalized. Furthermore, DENR will update all partner agencies on the progress and development of the plan.</p>
<p><b>E. Other Related Activities</b></p>		
<p>1. North Eastern Luzon Task Force Ingat Yamana Dagat Entitled "North Eastern Task Force Ingat Yaman Dagat"</p>		<p>This office, through its personnel, participated in the "Oil Spill Awareness and Emergency Response Course" held on August 27-31, 2024, in Dinapigue, Isabela. The training, organized by the Philippine Coast Guard and DENR-PENRO Isabela, was attended by eight PCG members, four LGU MENRO representatives from Dinapigue, Palanan, Divilacan, and Maconacon, DMC, DENR-CENRO, DILG, PNP, PNP Maritime, BFAR, PDRRMO, ICDO, OPA, and ENRO.DRRMO, ICDO, and OPA.</p> <p>The primary goal of the training was to equip citizens and local volunteers in coastal barangays with the necessary skills to effectively respond to marine pollution events, particularly oil spills. This training is crucial for preserving the cleanliness of the seas and safeguarding the local community from the adverse effects of pollution. Additionally, it aims to ensure that volunteers are well-prepared to handle such incidents.</p>

<p>2. Inspection of Completed Dredging Project Proposed for Bamboo Planting</p>		<p>This Office, through its personnel, conducted an inspection of the completed dredging projects located in the municipalities of City of Ilagan, Sta. Maria, Cabagan, Tumauni, San Guillermo, Angadanan, San Pablo, Sto. Tomas, Delfin Albano, Mallig, and Nagulian, Isabela. The primary focus of this activity was to identify areas within the dredged sites suitable for bamboo planting activities.</p> <p>A total of 21 areas across these municipalities were inspected, covering an actual dredging length of 8,165 meters. It was observed that some portions of these areas are feasible for bamboo planting activities.</p>
<p>3. Stakeholders' Consultation on Cave Management Plan</p>		<p>Personnel from this Office attended and participated in the preparation of cave management plan regarding Dabo and Marayag, Spring and Crystal cave within Ilagan Sanctuary, Fuyot Spring National Park (FSNP) held at Piazza Zicarrel, Gamu, Isabela on August 15-16, 2024. Participating in the activity were the various partners from DENR-CENRO Naguillan, DENR-PENRO Isabela, Ilagan City ENRO and Tourism Office representatives.</p> <p>During the meeting, discussions covered the characteristics and classification of the caves, as well as the various flora and fauna present. The session also featured collaborative idea-sharing, leading to the finalization of the Mission, Vision, Goals, and Objectives of the three management plans, including budgetary requirements. Furthermore, prior to the Regional Council Committee (RCC) assessment, some budgets for site preparation and rehabilitations such as the enrichment planting of the caverns and their environs will be finalized. Furthermore, DENR will update all partner agencies on the progress and development of the plan.</p>
<p>4. 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>5. Isabela Rattan Processing Shared Service Facility Activities</p>		<ul style="list-style-type: none"> <li>• TESDA's community-based training programs on dressmaking and carpentry for NC2 certification involve 38 days of training, including the NC2 assessment.</li> <li>• The first batch of 25 participants completed a four-day intensive skills training on rattan basket weaving from August 20 to 23, 2024. This initiative is part of the province's Gender and Development Program.</li> </ul> <p>Additionally, for this month, the Job Order service providers at IRPSSF undertook the following activities:</p> <ul style="list-style-type: none"> <li>• Inventory of Rattan sticks, utilized as raw materials in the facility.</li> <li>• Removed undesirable species of weeds within the vicinity of Rattan facility with DOLE-TUPAD beneficiaries.</li> <li>• Conducted tree planting activities and also applied organic fertilizer to the planted various species of seedlings in the vicinity of the Rattan facility.</li> <li>• Went to Villa Imelda, Cabisera 27, 25, 22, 17-21, 14-16,23, Bintacan, and Sindon Maride to encourage trainees for 4-Day Intensive Skills Training on Rattan Basket Weaving at the IRPSSF (1st batch).</li> <li>• Maintained the cleanliness and orderliness of the facility.</li> <li>• Assisted the trainees during the 4-day Intensive Skills Training on Rattan Basket Weaving.</li> <li>• Proceed to Barangay Lagis, Kapaltatan, and Greenhouse to encourage trainees in 2nd batch of Intensive Skills Training on Rattan Basket Weaving</li> <li>• Conducted an inventory of equipment.</li> <li>• Performed other activities like monitoring of the attendance of TESDA trainees and visitors, and segregation of waste.</li> </ul>
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**II. ENVIRONMENTAL MANAGEMENT DIVISION**

<p><b>A. Vermicomposting Facility</b></p>	<p>Production of Organic Fertilizer thru Vermicomposting</p>	<p>For this month, a total of <b>3,300 kgs.</b> were produced with a remaining stock balance of <b>26,701 kgs.</b> as of August 31, 2024.</p> <p>As per records, a total of <b>3,300 kilograms</b> of organic fertilizer was disposed to two (2) private individuals who requested for soil fertility of their backyard garden, three (3) ISEP-TF Monitoring Checkpoints (Disipon, Marana and Abuan, City of Ilagan, Isabela), 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>
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<p><b>B. Collection and Segregation of Waste at the Materials Recovery Facility</b></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 Collected within the Capitol Compound:</p> <p><b>1. Recyclable Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 311.08 kilograms</li> <li>•Disposed to: ENRO Materials Recovery Facility (MRF)</li> </ul> <p><b>2. Residual Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 1,278.19 kilograms</li> <li>•Disposed to: City of Ilagan Sanitary Landfill Facility (SLF)</li> </ul> <p><b>3. Hazardous</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 103.02 kilograms</li> <li>•Disposed to: ENRO Materials Recovery Facility (MRF)</li> </ul> <p><b>4. Biodegradable Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 2,493.02 kilograms</li> <li>•Disposed to: ENRO Compost Heap and Vermi composting</li> </ul> <p><b>TOTAL: 4,185.80 kilograms</b></p> <p>Summary of Waste Disposal to Provincially Operated Hospital</p> <p><b>1. Recyclable Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 3,393.05</li> <li>•Disposed to: Materials Recovery Facility (MRF)</li> </ul> <p><b>2. Residual Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 4,135.40 kilograms</li> <li>•Disposed to: Sanitary Landfill Facility (SLF)</li> </ul> <p><b>3. Hazardous/Infectious Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 3,016.47 kilograms</li> <li>•Disposed to: Materials Recovery Facility (MRF)</li> </ul> <p><b>4. Biodegradable Waste</b></p> <ul style="list-style-type: none"> <li>•Total Collected: 4,370.02 kilograms</li> <li>•Disposed to: Compost Heap/Manage by the LGU</li> </ul> <p><b>TOTAL: 14,914.94 kilograms</b></p>
<p><b>C. Monitoring of Sanitary Landfill Facility</b></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 Systems of the different city and municipalities. Below are the findings, observations, remarks, and recommendations:</p> <p><b>1. Sta. Maria, Isabela (August 2, 2024)</b></p> <p>Findings and observations:</p> <ul style="list-style-type: none"> <li>•Mixed wastes were observed in the area.</li> <li>•No record book was shown during the inspection.</li> <li>•Chicken wastes was illegally disposed by the private individual to the RCA that caused pungent smell.</li> <li>•The MRF building was not properly organized.</li> <li>•Grassy surroundings.</li> <li>•Lack of signage.</li> </ul> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Clean the surrounding regularly.</li> <li>•Construct compost heap or composting bed for biodegradable wastes.</li> <li>•Separate residual wastes from recyclable wastes.</li> <li>•Organize the MRF building properly.</li> </ul>

		<ul style="list-style-type: none"> <li>•Install safety and road signages along the RCA's road.</li> <li>•Record waste disposal regularly.</li> <li>•The record book should be placed in the RCA.</li> <li>•Report private individuals who illegally disposed waste in the RCA to the Mayor's Office.</li> <li>•Treatment should be sprayed in the area to eliminate bad odor.</li> <li>•Implement and enforce RA 9003, Section 21, Mandatory Segregation of Solid Wastes.</li> </ul> <p>According to the MENRO staff, the proposed Sanitary Landfill Facility (SLF) was already in Phase II and the road going to the proposed area was already concreted. They asserted that healthcare wastes from the Rural Health Unit of Santa Maria is not being collected.</p>
		<p><b>2. Sto. Tomas, Isabela (August 2, 2024)</b></p> <p>Findings and observations:</p> <ul style="list-style-type: none"> <li>•The surroundings were clean.</li> <li>•RCA has recyclable wastes.</li> <li>•No record book was shown on the date of monitoring and inspection.</li> <li>•Agricultural machine and equipment were inside the RCA such as seeding machine (seeder), grass cutter, sprayer and others.</li> <li>•Lack of signages.</li> <li>•The RCA was not utilized properly.</li> <li>•Some of the hazardous wastes were disposed to the RCA.</li> </ul> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Construct Materials Recovery Facility (MRF) for recyclable wastes.</li> <li>•Maintain the cleanliness of the surroundings.</li> <li>•Recyclable wastes should not be placed in the RCA.</li> <li>•Install signages.</li> <li>•The record book should be managed by the caretaker of RCA.</li> <li>•The RCA should be utilized properly.</li> <li>•Ensure the schedule of waste collection is visible at the RCA.</li> <li>•Implement and enforce RA 9003, Section 21, Mandatory Segregation of Solid Wastes.</li> <li>•Conduct Information and Education Campaign regarding on RA 9003 also known as Solid Waste Management Act of 2000 to all barangays.</li> </ul>
		<p><b>3. San Guillermo Residual Containment Area (August 28, 2024)</b></p> <p>Findings and Observations:</p> <ul style="list-style-type: none"> <li>•Pulverized glass bottles were incorporated in the construction of RCA to minimize glass bottles stored in the MRF.</li> <li>•Continuous production of Eco-bricks.</li> <li>•Mixed wastes were observed in the RCA but were segregated before its disposal at Cauayan City SLF.</li> <li>•The caretakers of RCA sell recyclable wastes, which serve as their incentives in addition to their monthly salary.</li> <li>•LGU does not collect waste from barangays located in remote areas.</li> <li>•Record book was complete and updated.</li> </ul>

		<ul style="list-style-type: none"> <li>•Two barangays were requesting waste collection from the MENR Office every month.</li> </ul> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Maintain the cleanliness of the surroundings.</li> <li>•Ensure the schedule of waste collection is visible at the RCA.</li> <li>•Always check and update the record book.</li> <li>•Barangays located in remote areas should utilize the donated dump truck of the PGI to transport waste to the Municipal RCA.</li> </ul>
		<p><b>4. Angadanan Residual Containment Area (August 28, 2024)</b></p> <p>Findings and Observations:</p> <ul style="list-style-type: none"> <li>•There’s a production of eco-bricks made out of crashed bottles, mixed with cement and gravel but was discontinued due to lack of manpower.</li> <li>•Recyclable waste collected was sold to junkshops.</li> <li>•Mixed and scattered wastes were observed in the RCA.</li> <li>•The RCA was already full and other wastes were placed in sacks.</li> <li>•Lack of signage.</li> <li>•No record book was shown during the monitoring and inspection.</li> <li>•Lack of caretakers in the RCA.</li> <li>•Equipment such as Bio composter and Bottle crusher were not functional.</li> </ul> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Sustained positive observations.</li> <li>•Continue to implement good practices.</li> <li>•Maintain the cleanliness of the RCA’s surroundings.</li> <li>•Install signage on the road going to RCA, parking area, and sorting area.</li> <li>•Establish vermicomposting to facilitate the decomposition of biodegradable wastes.</li> <li>•Barangay waste collectors must strictly follow garbage collection schedule for proper waste disposal.</li> <li>•The record book must be managed by the RCA’s Caretaker.</li> <li>•Utilize the RCA properly.</li> <li>•Ensure the schedule of waste collection is visible at the RCA.</li> </ul>
		<p><b>5. Alicia Residual Containment Area (August 29, 2024)</b></p> <ul style="list-style-type: none"> <li>•Entered a MOA with LGU-Cauayan SLF for disposal of residual waste.</li> <li>•Schedule of waste collection is from Mondays to Fridays once every week.</li> <li>•The construction of SLF is in Phase I located at Brgy. Linglingay, Alicia, Isabela with an area of approximately 1.5 hectares.</li> </ul>

**6. Cauayan City Sanitary Landfill Facility  
(August 29, 2024)**

The SLF's area is approximately 4 hectares and about 14 km from the City MENR Office. There are nine (9) municipalities with a MOA with Cauayan City SLF for waste disposal but some are in a verbal agreement nonetheless they have ensured that only residual wastes will be disposed of in the cell.

Cauayan's SLF Best Practices:

- Production of Eco-bricks composed of shredded plastic wrappers and crushed bottles mixed with cement, gravel, and sand.
- 13th Palit Bigas Program CSDJR Part 3
- Wealth on Waste Cauayan

Findings and Observations:

- The SLF has a wastewater treatment facility to filter the water of the leachate pond which can be used to water the plants planted near the cell.
- The LGU is waiting for the permission to operate and discharge permit for the Engineered Material Recovery Facility (EMRF) issued by the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB). The EMRF is a specialized segregator machine that segregates wastes without human intervention.
- Scattered and mixed wastes near the cell were observed upon the monitoring and inspection of the SLF.
- The cell's liner is covered with waste causing the liner to be not visible.
- The gas vents are almost covered with waste.
- Collected tires were utilized for the beautification of the SLF.
- The equipment donated by the DENR-EMB was utilized properly.
- They have a decomposing area for biodegradable wastes.
- The old cell was turned into an Eco Park.
- The cell is almost full.
- Lack of signage.

Recommendations:

- Sustain positive observations.
- Maintain the cleanliness of the surroundings
- The liner and gas vents of the cell should be visible.
- Continue the implementation of good practices.
- The record book should be managed by the SLF Caretaker.
- Install parking and ECC signages.
- Ensure the waste collection schedule is visible at the SLF's Admin building.

<p><b>D. 2024 Search for the Most Environment Friendly Barangays</b></p>		<p>The 2024 Search for the Most Environment-Friendly Barangay actual field validation to ten (10) entry barangays was conducted from July 30 to August 9, 2024. The 10 entry barangays evaluated and their schedule of evaluations were as follows:</p> <ol style="list-style-type: none"> <li>1. July 30, 2024- Brgy. San Mariano Norte, San Guillermo, Isabela</li> <li>2. July 31, 2024- Brgy. Culalabat, Cauayan City, Isabela</li> <li>3. August 1, 2024- Brgy. San Isidro, Jones, Isabela</li> <li>4. August 2, 2024- Brgy. Sagat, Cordon, Isabela</li> <li>5. August 6, 2024- Brgy. Magsaysay, Naguilian, Isabela</li> <li>6. August 7, 2024- Brgy. San Juan, Quirino, Isabela</li> <li>7. August 8, 2024- Brgy. Sto. Niño, Aurora, Isabela</li> <li>8. August 8, 2024- Brgy. La Paz, Cabatuan, Isabela</li> <li>9. August 9, 2024- Barangay 3, Gamu, Isabela</li> <li>10. August 9, 2024- Brgy. Dalig, Burgos, Isabela</li> </ol> <p>The entries for this year’s Search were evaluated based on five (5) categories: Current Solid Waste Management Conditions, Implementation of RA 9003 Section 20-21, Support to RA 9275 or the Clean Water Act, Support to RA 8749 or the Clean Air Act, Support to RA 6969 or the Toxic Substances and Hazardous and Nuclear Waste Control Act, and ESWM Innovations/Acquisition of Equipment.</p> <p>The actual field validation was conducted by random sampling and interviews with households, schools, and business establishments on solid waste management. Assessment of documents was likewise conducted and an exit conference with the barangay officials with the Municipal ENRO and staff for further comments, observations, and recommendations.</p>
<p><b>E. Other Related Activities</b></p>		
<p>1. Production of Green Charcoal</p>	<p>Production of charcoal briquettes out of paper waste to minimize the impact of paper waste</p>	<p>Produced a total of <b>15 kgs.</b> charcoal briquettes for this month.</p>
<p>2. Maintenance of Organic Vegetable/Herbal Garden and Ecological Center</p>	<p>Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.</p>	<p>Conducted brushing, cleaning, planting of vegetables, and maintenance of organic vegetable garden and ENRO surroundings.</p>

### III. MINERAL RESOURCES MANAGEMENT DIVISION

<b>A. Processing and Issuance of Permits</b>	<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 August, 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>
<b>B. Site Verification and Inspection of Mining/Quarry Sites</b>	<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 September.</p>
<b>C. Accreditation of Haulers</b>	<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 &amp; Geo-sciences Bureau Region 02</p>	<p>For this month, this office received and processed applications, and issued Accreditation Permit, to Nine (9) haulers/ dealers/traders and retailers trading mineral products and by-products. Correspondingly, Forty-four (44) accreditation stickers were issued for the conveyances and equipment registered.</p> <p>A total of 31,480.00 accreditation fees were remitted to PTO representing the permit application fees amounting to 22,680.00 and 8,800.00 for the stickers.</p>

D. Field Monitoring of Quarry Areas		
<p>1. Regular field inspection and monitoring</p>	<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>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 Benito Soliven, Cabagan, Luna, Reina Mercedes, San Mariano, San Pablo, Sta. Maria, and Tumauni, Isabela.</p> <p>All flagged-down vehicles transporting sand and gravel materials have already secured their Accreditation Permits. 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. Further, project contractors with on-going construction in the areas were advised to provide copy of Program of Work as part of monitoring their utilization and reference for their prompt payment of quarry fees and taxes.</p> <p>All personnel assigned in their respective quarry areas of assignment were present and were reminded to ensure that operators and haulers within their areas of assignments are compliant to extraction policies.</p>
<p>2. Monitoring of extraction activities</p>		<p>For the month of August, forty-nine (49) quarry areas have been monitored with extraction activities in the province with a total of 44,171.00 cu.m. of sand and gravel and other quarry resources extracted. This represents 236.00 cu.m. Ordinary Earth, 32,947.00 cu.m. Mixed, 920.00 cum. G1/S1 and 10,068.00 cu.m. Boulders; and with gross value amounting to Php 1,755,365.00 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 6,376,639.50 gross value of fees and taxes was remitted to PTO this month as prepayment to 145,268.47 cu.m. of Boulders, G1/S1, Mixed gravel and Ordinary Earth materials.</p> <p>Post-payment was also remitted for the monitored aggregates with volume totalling to 14,364.00 cu.m. of boulders, mixed gravel, and ordinary earth, corresponding to Php 498,190.00 taxes and fees.</p>

### 3. Investigation/Settlement of Quarry and Mining Related Complaints

**August 1, 2024** - In response to an endorsed communication from the MGB R-02 and as per verbal instruction of the ENR Officer, personnel of this office conducted investigation and verification on the complaint of Mr. Ruben G. Estrada of Barangay Linglingay, Gamu, Isabela regarding quarry operation at Barangay Fura, Gamu, Isabela. Allegedly, the operation is affecting their lot adjacent the area.

Activities undertaken include coordination with the barangay officials of Fura; dialogue with the complainant, quarry operator and barangay officials; and, actual site visit and ocular inspection.

#### Findings:

- The complaint area has been applied with CSAG Permit with CSAG Permit Application No. CPA-I-014-2024 and is already endorsed to PMRB Isabela for their evaluation and deliberation;
- As per survey plan, part of the applied area is located south of the land of Loreto Menor, father-in-law of complainant, claiming the land adjacent their lot as their accretion;
- During dialogue, complainant claimed that the accretion was eroded due to quarry operation and is asking for the operator to pay royalty;
- The operator is willing to pay for royalty however, he is aware that the lot is mortgaged to an individual known to him, which was also affirmed by the complainant. Thus, he seeks for clarification whom to pay, so that there will be no double payment made on royalty fees;
- During the ocular inspection, there was no actual extraction and accretion is not visible due to high water level. Nevertheless, per statement of the Barangay Checker and the assigned ISEPT-TF operative, as well as the monitoring pictures submitted in the office, the extraction activities is in the middle of the river;
- Considering the course of the river way and as observed, one of the possible causes of erosion in the identified accretion is the impact of the natural water current flow of the river especially when the water level is high.

#### Conclusion:

- Relative to the quarry operation, the personnel finds no illegality considering that the extraction activities is within the applied area, prepayment of quarry fees and taxes are paid, and that it follows the directive of extracting in the middle of the river to assist in the desilting efforts of the provincial government;
- The ENR Office has no jurisdiction over the issue of royalty fees; hence the concern cannot be resolved by this office. Nevertheless, recommendations were given to the involved entities for their consideration.

#### Recommendations:

- For the quarry operator to maintain the extraction activities within his applied area and at the center of the river. However, it is recommended that he avoid to extract in the applied area specifically in the part opposite the lot under dispute until such issue on land ownership is resolved;
- For the complainant to settle the issue of ownership with the person involve and the quarry operator to monitor the resolutions made for his guidance as to whom shall he pay royalty;
- The area is recommended for engineering embankment project to keep the land from the impact of strong natural water current.

**IV. OTHER PROGRAM/PROJECT/ACTIVITY**

<p>1. Meetings, Seminars, Trainings and Workshops Attended</p>		<p><b>August 7, 2024-</b> PDRRM Council Special Meeting at PDRRMC Emergency Operations Center</p> <p><b>August 12, 2024-</b> Serbisyo Caravan at Dimapula, Divilacan, Isabela</p> <p><b>August 14, 2024-</b> Workshop for the Determination of City Biodiversity Index (CBI) of the Urban Biodiversity Assessment (UBA) within the City of Ilagan, Isabela at Piazza Zicarelli, Upi, Gamu, Isabela</p> <p><b>August 13-16, 2024</b> - Personnel of this office attended the 15th Philippine League of Local Environment and Natural Resources Officers (PLENRO), Inc. National Convention with the theme "Celebrating Local ENRO's, Shaping a Greener Future Together" held at Paradise Garden Resort Hotel &amp; Convention Center, Boracay Island, Malay, Aklan.</p> <p><b>August 16, 2024-</b> Virtual Meeting on Marine Protected Area Network</p> <p><b>August 19-24, 2024-</b> 2nd Quarter Multipartite Monitoring Team Field Validation of Dinapigue Mining Corporation at Dinapigue, Isabela</p> <p><b>August 20, 2024-</b> Orientation of Isabela Officers and Employees at the Blue Room, Capitol Compound, Alibagu, City of Ilagan, Isabela</p> <p><b>August 22, 2024-</b> NSMNP-PAMB Technical Working Group Meeting via Virtual</p> <p><b>August 22-23, 2024-</b> Local Governance Summit 2024 at PICC, Pasay City</p> <p><b>August 28-30, 2024-</b> Oil Spill Awareness and Emergency Response Course at Dinapigue, Isabela</p> <p><b>August 29, 2024</b> - Personnel of this office, together with representatives from other PGI office, attended the 1st Government Energy Management Program (GEMP) Regional Summit - Luzon with the theme "AO 15: Building a Pathway for a More Energy Efficient Government in the Future", conducted by the Department of Energy, Luzon Field Office, held at the Royce Hotel &amp; Casino, Clark, Pampanga. The summit was in reference to the issuance of Administrative Order No. 15 Directing the Accelerated Implementation of the GEMP which intends to intensify the efficient utilization and conservation of energy in the government.</p>
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PPREPARED BY:

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CERTIFIED CORRECT:

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Pictures of Nursery Operation and Maintenance Activities at the ENRO Provincial and Clonal Nursery for the Month of August, 2024.

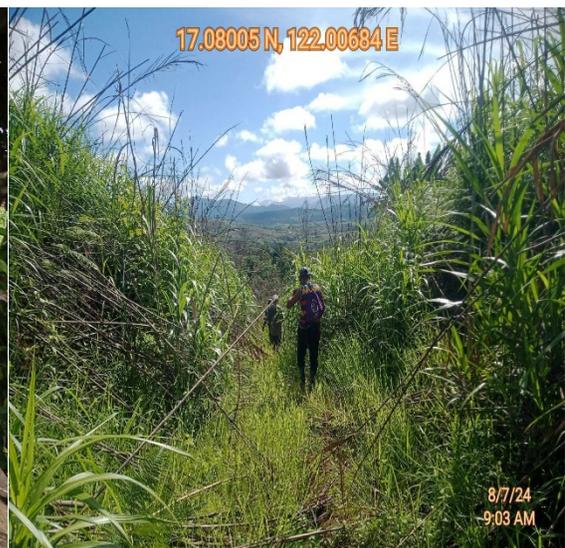


Pictures of activities conducted at the Isabela Provincial Eco- Park for the Month of August, 2024.





ISEP-TF Operative Members during their conduct of nursery maintenance activities for the month of August, 2024



On-site Survey of 300-hectare Reforestation Project



**4-DAY INTENSIVE SKILLS TRAINING ON RATTAN BASKET WEAVING**

Isabela Rattan Processing Shared Service Facility,  
Cabisera 10, City of Ilagan, Isabela  
August 20-23, 2024.



Photos taken during the site inspection activities at San Pablo, Sto.Tomas, Delfin Albano, Mallig, Naguilian and City of Ilagan, Isabela

**Ballacayu Creek**



**Ballutu Creek**



**Bagabag Creek**



**Cullalabo Creek**



**Calinaoan Creek**



**Casili Creek**



**Nanaguan Creek**





Pictures of activities conducted at the Isabela Rattan Processing Shared Service Facility for the Month of August, 2024.



Oil Spill Awareness and Emergency Response Course held on August 27-31, 2024 in Dinapigue, Isabela.



Site Preparation Activities and Work Accomplishment re: Implementation of 300-hectare Reforestation Project

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 August, 2024.





Some of the photos taken during the conduct of investigation and verification on the alleged illegal quarry operation at Barangay Furao, Gamu, Isabela on August 1, 2024



Photo taken during the dialogue held at the Barangay Hall of Furao, Gamu facilitated by Punong Barangay Hon. Felix G. Bello, Jr.



Photos taken in the ocular inspection at the applied area of Mr. Jun P. Bulos, where no actual extraction was observed due to high water level.



Photos taken with the parties involve and the Punong Barangay explaining their concerns.



Some photos taken during the **1<sup>st</sup> GEMP Regional Summit Luzon Leg - "AO 15: Building a Pathway for a More Energy Efficient Government in the Future"** held on **August 29, 2024** at Royce Hotel & Casino, Clark, Pampanga.

