



**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>		
<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: <b>52,498</b> seedlings to include Agoho, Balitbitan, Golden Shower, Ipil, Kamagong, Rain Tree, Mahogany, Narra, Talisay, Tindalo, Tuai, Antipolo, Bignai, Cacao, Calamansi, Citrus/Mandarin, Guyatis, Langka, Lansones, Kape, Mangga, Mangosteen, Pomelo, Rambutan, Tamarind, Santol, Satsuma, Bamboo, Coconut, and Palm;</p> <p>Number of seedlings produced: <b>657</b> seedlings consist of 281 forest trees and 376 fruit bearing trees</p> <p>Number of seedlings released: A total of <b>12,277</b> assorted seedlings were disposed to various requesting constituents.</p> <p>Mortality rate: The mortality rate stands at 0.45%, resulting in 244 seedlings lost.</p> <p>This month, a total of thirty-two (32) seedling requests were received. Twenty-five (25) have been distributed to various public and private entities, while the remaining seven (7) are ready for pick-up.</p> <p>Stock balance: <b>40,634</b> seedlings as of October 31, 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>

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**

- 1-km riparian was rehabilitated along water tributaries of Reina Mercedes, Isabela in partnership with the Municipal Local Government Unit thru its Municipal Environment and Natural Resources Office. A total of 1,000 bamboo propagules with 5 sacks of organic fertilizer were distributed to the MLGU for the project.
- 1-km riparian was rehabilitated along water tributaries of Tumauni, Isabela in partnership with the Municipal Local Government Unit thru its Municipal Environment and Natural Resources Office. A total of 1,000 bamboo propagules with 5 sacks of organic fertilizer were distributed to the MLGU for the project.

**Agroforestry Project**

- Five-hectare agroforestry project is being implemented at Capirpiriwan, Cordon, Isabela in partnership with the Municipal Local Government Unit of Delfin Albano thru its MENR Office. A total of 1,900 assorted fruit and forest tree seedlings with 19 sacks of organic fertilizer were provided to the MLGU. As of reporting period 20% of the seedlings were already planted in the project site while the majority of seedlings will be planted on November 2024.
- Two-hectare agroforestry project was implemented at Brgy. Carmencita, Delfin Albano, Isabela in partnership with the Municipal Local Government Unit of Delfin Albano thru its MENR Officer. A total of 800 assorted fruit and forest tree seedlings were planted.
- Two-hectare agroforestry project is being implemented at Brgy. Villa Miguel, Quirino, Isabela in partnership with the Municipal Local Government Unit of Quirino thru its MENR Officer. A total of 800 assorted fruit and forest tree seedlings were planted.

**Watershed Rehabilitation Project**

- Two-hectare watershed rehabilitation project is being implemented at Brgy. Villa Miguel, Quirino, Isabela in partnership with the Municipal Local Government Unit of Quirino. A total of 2,224 assorted fruit and forest tree seedlings was provided to the MLGU. As of reporting period 80% of the seedlings were already planted.
- Five-hectare watershed rehabilitation project is being implemented at Brgy. Carmencita, Delfin Albano, Isabela in partnership with the Municipal Local Government Unit of Delfin Albano. A total of 3,000 assorted fruit and forest tree seedlings was initially provided to the MLGU. As of reporting period 90% of the seedlings were already planted.
- Four-hectare watershed rehabilitation project is being implemented at Brgy. Namnama, Tumauni, Isabela in partnership with the Municipal Local Government Unit. A total of 1,020 assorted fruit and forest tree seedlings with 10 sacks of organic fertilizer were initially provided to the MLGU. As of reporting period the seedlings were already planted covering about one hectare of area.

		<ul style="list-style-type: none"> <li>• Ten-hectare watershed rehabilitation project is being implemented at Brgy. San Vicente, San Pablo, Isabela in partnership with the National Irrigation Administration-Cabagan. As of reporting period, a total of 600 assorted fruit tree seedlings were already planted covering about two-hectare in area.</li> </ul> <p><b>Mangrove Rehabilitation and Development Project</b></p> <p>8 hectares of Mangrove Forest were implemented, with allocations of 5 hectares in Divilacan, 2 hectares in Palanan and 1 hectare in Maconacon, Isabela. Plantation establishment is ongoing.</p> <ul style="list-style-type: none"> <li>•Divilacan Monitoring of the previous project - Based on observation, the previous project has approximately 95% survival rate. Brgys. Dimasalansan and Bicobian: previous Mangrove Rehabilitation Project were monitored with atleast 90% survival rate and enrichment planting were continuously conducted by the LGU Divilacan. Bakawan propagules are propagated and nurtured at MENRO Nursery for Mangrove Rehabilitation Project.</li> <li>•Palanan: Brgy. Maligaya: 95% of survival rate was observed on the previous project. Seedlings inspection was conducted on the Botong, Bakawan, and Pototan species allocated for the implementation of the project this year and it was partially planted, staking of the remaining area is already finished and continuation of planting will be later scheduled.</li> </ul> <p><b>Beach Forest Rehabilitation Project</b></p> <p>8 hectares of Beach Forest were implemented, with allocations of 4 hectares in Divilacan, and 4 hectares in Palanan, Isabela. Plantation establishment is ongoing.</p> <ul style="list-style-type: none"> <li>•Divilacan: Sitio Lanai: monitored on October 7-8, 2024. Based on observation, 2022-2023 project has 15% survival rate and it was damaged by the current storm surge that affects the survival percentage of the planted seedlings.</li> <li>•Palanan: Sitio Sabang, Brgy. Maligaya: seedlings planted were Agoho, Botong, and Talisay. The previous projects implemented on the year 2021-2023 was monitored, as per observation, it has 90% survival rate. The seedlings of Agoho and Talisay and Botong propagules were planted along the seashore and now about 2 to 4 feet in height. Brgy. San Isidro: the previous Beach Forest Rehabilitation Project located at Brgy. San Isidro were monitored, botong and Talisay were planted along the seashore with the status of 95% of survival rate and 2-4 meters in height.</li> </ul>
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<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, Tumauini, Isabela;</li> <li>-Benito Soliven and San Mariano areas;</li> <li>-Ilagan-Divilacan Road Rehabilitation Project (IDRRIP)</li> </ul>
b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	<p>On October 21, 2024, 1 piece, (33.33 bd.ft) of Narra Flitch; 6 pieces, (120 bd.ft.) of Guisat Flitches; 31 pieces, (502 bd.ft.) of White Lauan Lumber; and 21 pieces, (502 bd.ft.) of Red Lauan Flitches were apprehended during the conduct of forest protection activities at Batong Labang, City of Ilagan, Isabela.</p>
2. Donation/Utilization of Forest Products	Granting of request for wood materials	<p>A total of 23 pieces (348.66 bd.ft.), were donated to Iglesia ni Cristo on October 29, 2024.</p>
<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, on October 29-31, 2024, ENRO staff supervised site preparation and assessed the contractor's progress on the reforestation project along the Ilagan-Divilacan Road. This joint team included personnel from DENR-CENRO Naguilian and PGI-ENRO. Activities carried out included:</p> <ul style="list-style-type: none"> <li>-The team monitored site preparation activities such as strip brushing, staking, hole digging, and other maintenance activities as part of the implementation of the reforestation project at site 1, 2, and 3. It was located at Ilagan Divilacan Road (IDR), Brgy. Sindon Bayabo, City of Ilagan, and Brgy. Minanga, San Mariano.</li> <li>-The team inspected the partially work accomplished of the reforestation project, with a total of 148,300 pieces of assorted indigenous species of forest tree seedlings that was already planted in the plantation during the travel duration.</li> </ul> <p>Overall, the implementation of the reforestation project is going smoothly. However, there were some delays in work activities due to bad weather condition.</p>

		<p>Additionally, a field investigation concerning the re-routing road that was connected to the municipality of Divilacan, Isabela was conducted together with the personnel from DENR-CENRO Naguilian and CENRO Palanan on October 2-3, 2024. Based on the observations, the re-route road is an old abandoned and logging road. There were individuals using single motorcycles traveling inside and outside of the two coastal municipalities of Maconacon and Divilacan, Isabela, traversing the re-routing as an alternative route connected to the Ilagan-Divilacan Road.</p>
<b>D. Wildlife Conservation Initiatives</b>		
a. Wildlife Enforcement Training		<p>This Office, successfully organized the second batch of Wildlife Enforcement Training on October 10, 2024.</p> <p>The event, held at GFNDy Session Hall (Amphitheater), Provincial Capitol, was attended and actively participated by forty-nine (49) personnel from the Municipal and City Environment and Natural Resources Offices (MENRO) of various municipalities and cities across Isabela. The training covered a range of topics crucial for effective wildlife law enforcement, including the Status of Biodiversity, 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, and Rules of Procedure on Environmental Cases provided by the Subject Matter Expert (SME), For. Juli Ann B. Gammad, Forester III of DENR-PENRO Isabela.</p>
<b>E. Other Related Activities</b>		
1. Ceremonial Turn Over Ceremony of Project LAWA at BINHI and Project Implementation Review Related to RRP-CFW		<p>Personnel from this office attended the ceremonial turnover of Project LAWA at BINHI in Echague and San Mariano, Isabela, on October 2-3, 2024. The event included ribbon-cutting, certificate awarding, presentation of symbolic items to the MLGUs and their beneficiaries, vegetable seedling planting, and fingerling release.</p> <p>Additionally, on October 11, 2024, ENRO staff participated in the Project Implementation Review (PIR) of Project LAWA at BINHI, related to the Climate Change Adaptation and Mitigation - Cash for Work Program by DSWD, in Santiago City, Isabela. Field office accomplishments for the provinces of Cagayan, Nueva Vizcaya, and Isabela were discussed during this meeting.</p>

<p>2. Site Visit, Nature Appreciation, and Tree Planting Activity with LnB Officials</p>		<p>On October 4, 2024, ENRO personnel assisted the LnB Officials in the conduct of site visit, nature appreciation, and tree planting activity at Ilagan-Divilacan Road. The activity was participated by LnB Presidents from different cities and municipalities of the province.</p> <p>The team visited the Disipun and Trailer reforestation areas along the IDR wherein LnB Officials observed the plantation and commended the efforts of the province to reforest degraded areas. After the photo documentation and appreciation of the reforestation areas to include the dense vegetation of Northern Sierra Madre Natural Park, a ceremonial tree planting activity was conducted at So. Disipun, Sindun Bayabo, City of Ilagan. A total of 100 forest seedlings were planted by the LnB Officials.</p>
<p>3. Monitoring of Oyster and Green Mussel Projects</p>		<p>Personnel from this office conducted monitoring of oyster and green mussel populations on October 7-10, 2024, in Divilacan and Palanan, Isabela. The monitoring yielded the following results:</p> <ul style="list-style-type: none"> <li>- Divilacan: The green mussel showed a lower survival and reproduction rate, while oysters demonstrated a higher survival rate compared to the green mussel.</li> <li>- Palanan: Oysters exhibited a higher survival rate and reproduction rate. In contrast, green mussels had a lower survival rate with no increase in reproduction, likely due to environmental and human factors affecting their growth.</li> </ul>
<p>4. Crafting of 2025 Action Plan on Water Quality Management of Calao-Deliquente-Diadi River System WQMA</p>		<p>On October 11, 2024, this Office thru its personnel attended the meeting of WQMA TWG on the crafting of 2025 Action Plan Water Quality Management of Calao-Deliquente-Diadi River System WQMA at Santiago City, Isabela.</p>
<p>5. 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>6. Isabela Rattan Processing Shared Service Facility Activities</p>		<p>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</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>•Maintained the cleanliness and orderliness of the facility.</li> <li>•Conducted an inventory of equipment.</li> </ul>

**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>1,350 kgs.</b> were produced with a remaining stock balance of <b>26,271 kgs.</b> as of October 31, 2024.</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>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: 1,059.0 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: 1,683.0 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: 174.80 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: 3,070.0 kilograms</li> <li>•Disposed to: ENRO Compost Heap and Vermi composting</li> </ul> <p><b>TOTAL: 5,978.80 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: 3,296.0</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: 4,902.55 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: 2,943.35 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: 3,580.55 kilograms</li> <li>•Disposed to: Compost Heap/Manage by the LGU</li> </ul> <p><b>TOTAL: 13,912.48 kilograms</b>  <b>GRAND TOTAL: 18,891.28 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 and inspect Waste Disposal and Waste Management Systems of the different municipalities in the province. Below are the findings, observations, remarks, and recommendations:</p> <p><b>1.San Isidro Residual Containment Area (October 29, 2024)</b></p> <p>Findings and Recommendations:</p> <ul style="list-style-type: none"> <li>•Mixed wastes were observed inside the RCA.</li> <li>•The waste in their RCA has been reduced compared to last year's monitoring.</li> <li>•Construct a temporary facility for recyclable wastes.</li> <li>•Segregate the wastes based on waste classification.</li> <li>•Maintain the cleanliness of the RCA's surroundings.</li> </ul> <p>Last January 2024, they entered a MOA with Cauayan City when the SLF reopened for MOA to other municipalities, wherein schedule of waste disposal is once a week.</p>
		<p><b>2.San Agustin Residual Containment Area (October 29, 2024)</b></p> <p>Findings and Observations:</p> <ul style="list-style-type: none"> <li>•Mixed wastes were collected in every household.</li> <li>•Scattered waste and tall grasses were observed upon monitoring in the RCA.</li> <li>•Lack of MENRO staff.</li> <li>•Lack of signage.</li> <li>•No storage facility for recyclable wastes.</li> <li>•The bottle/plastic shredder is not operational and is covered with waste inside the RCA.</li> <li>•No record book was shown.</li> </ul> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Organize and clean the surroundings of RCA regularly.</li> <li>•Segregate the wastes based on waste classification.</li> <li>•The record book must be updated and should be readily available upon monitoring.</li> <li>•Utilize the RCA building properly.</li> <li>•Construct a storage facility for recyclable and hazardous wastes.</li> <li>•Barangays located in remote areas are recommended to transport waste to the Municipal RCA using the dump truck donated by the Provincial Government.</li> </ul> <p>Waste collection is scheduled three times a week on Mondays, Wednesdays, and Fridays. Only three (3) barangays, including Public Market, are being serviced for waste collection, while the remaining barangays manage their own waste segregation and disposal.</p> <p>The construction of the SLF was resumed last September 2024, which was located at Sitio San Juan, Brgy. Santos, San Agustin, Isabela.</p>

		<p><b>3. Burgos Residual Containment Area (October 30, 2024)</b></p> <p>Findings and Recommendations:</p> <ul style="list-style-type: none"> <li>•Scattered and mixed wastes were observed upon monitoring of the RCA.</li> <li>•No record book was shown.</li> <li>•The RCA’s building was not utilized.</li> <li>•The RCA’s smells were extremely unpleasant.</li> <li>•Segregate the wastes based on waste classification.</li> <li>•Organize and clean the RCA's surroundings regularly.</li> </ul> <p>The LGU previously signed a MOA with LGU-Mallig but has now entered a MOA with Cauayan City SLF for disposal. The old RCA was used as a segregation area before its final disposal to the SLF. The schedule of waste collection is 2-3 times a week, and the schedule of disposal of residual waste to Cauayan SLF is twice a week. All barangays, including schools and public market, are being serviced for waste collection.</p> <p>The newly constructed RCA facility is located at Brgy. San Miguel, Burgos, which is not yet operational. There is a plan to construct MRF beside it.</p>
		<p><b>4. Gamu Residual Containment Area (October 30, 2024)</b></p> <p>Due to bad weather conditions during the schedule of inspection and monitoring, personnel of this office were not able to personally visit the site. Nevertheless, this office was informed about their plan to construct SLF located at Brgy. Mabini, Gamu, which was already approved by DENR-EMB.</p> <p>Recommendations:</p> <ul style="list-style-type: none"> <li>•Strictly imposed the Republic Act 9003, also known as the Ecological Solid Waste Management Act of 2000, especially on waste segregation.</li> <li>•Conduct an Information, Education, and Communication (IEC) Campaign on Solid Waste Management.</li> </ul>
<p><b>D. 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>12 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>

<p>3. IEC cum Clean-up Drive at Sitio Disiope, Brgy. Dimapnat, Divilacan, Isabela</p>	<p>This activity was conducted in observance of the International Clean-up Day</p>	<p>The Provincial Government of Isabela through the Environment and Natural Resources Office conducted an Information, Education, and Communication (IEC) Campaign cum Clean-up Drive on October 11, 2024 at Sitio Disiope, Brgy. Dimapnat, Divilacan, Isabela. Aligning with the celebration of International Coastal Cleanup (ICC), an annual event which unites countries and people with one common goal: to show concern on the growing marine debris problem.</p> <p>The event was attended by the personnel from the Local Government Unit of Divilacan headed by its MENR Officer, For. Arturo V. Umengan, with the active participation and coordination of the local residents nearby, ISEP-TF operatives, and Job Order Service Providers. Before the clean-up proper, reminders were given to participants regarding the importance of waste management, emphasizing the goal of National Plan of Action for the Prevention, Reduction and Management of Marine Litter (NPOA-ML) that by 2024, achieving zero waste in the Philippine waters. Moreover, in line with the effort of local residents to maintain cleanliness within their area, it was reminded to re-enforce to bring waste back to their respective household before leaving the river bank.</p> <p>Together, the group successfully collected 147 kilograms (Recyclable-55.7 kilograms, Hazardous-1.25 kilograms, and Residual wastes-90.05 kilograms) from the river banks of Disiope. After, the group conducted waste segregation and weighing of waste per category. The residual, hazardous and recyclable waste collected were brought to City of Ilagan Sanitary Landfill and Materials Recovery Facility while biodegradable was left behind.</p>
<p>4. Operation of the Plastic Molder Facility</p>		<p><b>October 4 &amp; 8, 2024-</b> Personnel of this office, together with the ISEP-TF Operatives and Job Order Workers, conducted removal of bottle lids, rings, and label. Proper sorting of the plastic bottles as well as cleaning, washing, and drying was also conducted.</p>
<p>5. Global Handwashing Day Discussion at the ENR Office</p>		<p><b>October 15, 2024-</b> Led by For. Geronimo P. Cabaccan, Jr., ENR Officer, the session features participation from ENRO personnel, with Engr. John Ian C. Espejo II serving as the Subject Matter Expert.</p> <p>This year’s Global Handwashing Day theme “Why are clean hands still important?” emphasizes the continuous need for hand hygiene amidst global health challenges. Observed annually on October 15th, the day promotes greater awareness of handwashing with soap as an effective and accessible way to prevent diseases and save lives.</p> <p>Further, Global Handwashing Day is one of the activities being conducted by the ENR Office as part of its participation in the 35th Anniversary Celebration of National Statistics Month.</p>

<p>6. Workshop on Data Preparation for Waste Sector and Greenhouse Gas (GHGI) Inventory Community Level</p>		<p><b>October 17, 2024-</b> The Provincial Government of Isabela through the Environment and Natural Resources Office, in partnership with the Department of Environment and Natural Resources-Environmental Management Bureau Region 02 (DENR-EMB R02), held a one-day workshop on Data Preparation for Waste Sector and Greenhouse Gas (GHG) Inventory Community Level for Provincial/City/Municipal Focal Persons, at the Capitol Amphitheater.</p> <p>This session aimed to equip the local government units (LGUs) with the skills to develop community-level Greenhouse Gas Inventories (GHGI), essential for assessing emission from key sectors such as energy, transportation, agriculture, and land use. These inventories help LGUs identify emissions sources and formulate strategies to mitigate climate impacts.</p>
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**III. MINERAL RESOURCES MANAGEMENT DIVISION**

<p><b>A. Processing and Issuance of Permits</b></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 October, no application for Commercial Sand and Gravel (CSAG) Permit was received by this office.</p>
<p><b>B. Site Verification and Inspection of Mining/Quarry Sites</b></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 was conducted.</p>
<p><b>C. Accreditation of Haulers</b></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 &amp; Geo-sciences Bureau Region 02</p>	<p>For this month, this office received and processed applications of, and issued Accreditation Permit to One (1) hauler/ dealer/trader and retailer trading mineral products and by-products. Correspondingly, Eleven (11) accreditation stickers were issued for the conveyances and equipment registered.</p> <p>A total of Php 4,720.00 accreditation fees were remitted to PTO representing the permit application fees amounting to Php 2,520.00 and Php 2,200.00 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 Aurora, Cabagan, Cabatuan, Delfin Albano, Jones, San Agustin, San Pablo, Sta. Maria, and Tumauni, Isabela.</p> <p>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.</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. While those with no operation due to high water level reported to the Office and assisted in various nursery activities.</p>
<p>2. Monitoring of extraction activities</p>		<p>For the month of October, forty-five (45) quarry areas have been monitored with extraction activities in the province with a total of 37,814.00 cu.m. of sand and gravel and other quarry resources extracted. This represents 2,400.00 cu.m. Ordinary Earth, 27,831.00 cu.m. Mixed, and 7,583.00 cu.m. Boulders; and with gross value amounting to Php 1,463,150.00 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 1,383,278.15 gross value of fees and taxes was remitted to PTO this month as prepayment to 33,987.73 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 6,633.60 cu.m. of boulders, and mixed gravel corresponding to Php248,106.00 taxes and fees.</p>



PPREPARED BY:

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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 October, 2024.



Photos of activities on the Maintenance, Care, and Protection at the Isabela Provincial Eco- Park for the month of October, 2024





Photos of the Implementation on the Agroforestry Project at Sitio Bigao , City of Ilagan, Isabela, for the month of October, 2024



Photos of the Implementation on the 1-km Riparian Project at Cabisera 7, City of Ilagan, Isabela, for the month of October, 2024



Photos of the Implementation on the Watershed Project at San Vicente, San Pablo, Isabela, for the month of October, 2024



Soil Enhancer Production for the Month of October, 2024



Green Charcoal Production for the Month of October, 2024



## Maintenance of ENRO surroundings and Organic Vegetable Garden



## Monitoring of Disposal Facilities for the month of October, 2024



San Agustin, Cagayan Valley, Philippines  
Gp4w+vj, San Agustin, Isabela, Philippines  
Lat 16.507446° Long 121.746538°  
29/10/24 10:04 AM GMT +08:00



San Agustin, Cagayan Valley, Philippines  
Fpccr+g55, Santiago - San Agustin Rd, San Agustin, Isabela, Philippines  
Lat 16.471928° Long 121.741703°  
29/10/24 10:25 AM GMT +08:00



San Agustin, Cagayan Valley, Philippines  
Fpccr+g55, Santiago - San Agustin Rd, San Agustin, Isabela, Philippines  
Lat 16.471801° Long 121.741664°  
29/10/24 10:26 AM GMT +08:00



San Agustin, Cagayan Valley, Philippines  
Fpccr+g55, Santiago - San Agustin Rd, San Agustin, Isabela, Philippines  
Lat 16.471717° Long 121.741665°  
29/10/24 10:27 AM GMT +08:00

## Brgy. Santos, San Agustin, Isabela (Residual Containment Area)

Brgy. Gomez, San Isidro, Isabela



Brgy. San Antonino and San Miguel, Burgos, Isabela



Photos taken during the conduct of Information, Education and Communication (IEC) Campaign cum Clean-up Drive at Sitio Disiope, Brgy. Dimapnat, Divilacan, Isabela.



### **SORTING AND SEGREGATION**

Classifying solid waste into categories (Biodegradable, Recyclable, Residual, and Hazardous) to ensure proper disposal and recycling.



### **WEIGHING**

Measuring the quantity of each type of solid waste generated to track waste generation and manage resources effectively.



### **RECORDING**

Documenting data on solid waste generation to monitor trends and provide guidelines for effective solid waste management protocols.



Plastic Molder Facility activities for the month of October, 2024.



Material Recovery Facility activities at the back of ENR Office



One-Day Workshop on Data preparation for Waste Sector and Greenhouse Gas Inventory (GHGI) Community Level for Provincial/City/Municipal Focal Persons on October 17, 2024.



Photos taken during the conduct of Global Handwashing Day at the ENR Office



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 October, 2024.

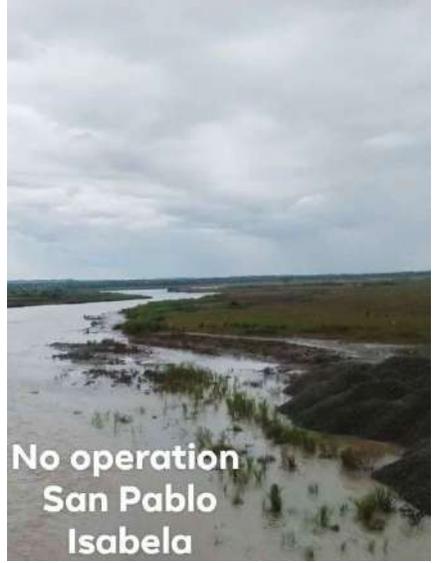




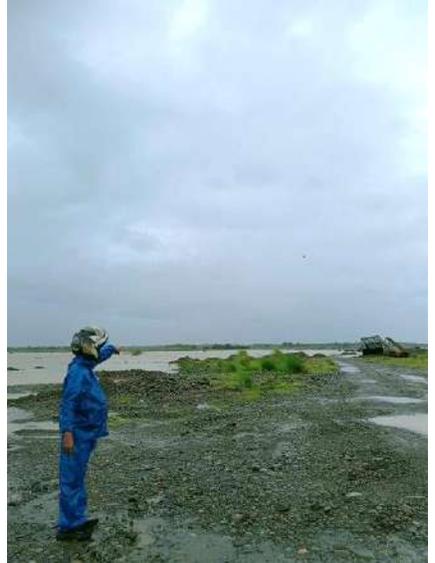
Photos of quarry areas without operation due to high water level.



Oct 14, 2023, 09:28



No operation  
San Pablo  
Isabela



ISEP-TF Operative members assigned at areas with no operation reported to this Office and assisted in the maintenance activities at the Provincial Nursery, Isabela Eco-Park and Plastic Recycling Facility.



4V29+VP2, Ilagan, Isabela, Philippines  
Latitude 17.10329° Longitude 121.86881666666667°  
Local 08:58:33 Altitude 54 meters  
GMT 00:58:33 Date Mon, 28 Oct 2024

Photos taken during the Four-day Provincial/City Mining Regulatory Board (P/CMRB) Workshop held at Eastwood Richmond Hotel, Quezon City on October 22-25, 2024

