



ENVIRONMENT AND NATURAL RESOURCES

November

MONTH

2022

YEAR

Accomplishment Report

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
I. FOREST MANAGEMENT AND CONSERVATION DIVISION		
A. Forest Resources Development Activities:		
1. Nursery Operations & Maintenance Works		
a. Production/Propagation and Disposition of seedlings	Production, propagation and procurement of seedling stock and disposition of seedlings	<p>Number of seedlings released: A total 1,669 assorted seedlings were disposed to various requesting constituents composed of 425 forest tree seedlings, 1,144 fruit-bearing tree seedlings, and 100 palms;</p> <p>Stock balance: 37,051 seedlings as of November 30, 2022.</p>
b. Maintenance works	<p>Maintenance of Provincial Nursery; Operation of Clonal Nursery; Brushing, ring weeding and greening of two nurseries; arrangement, and sorting of seedlings for hardening; seed and collection and propagation; and other activities that may be assigned to be accomplished during the period</p>	<p>Supervised and led by ENRO personnel assigned, 2 contractual and 4 job-order service providers ensures the conduct of regular maintenance and operations of the nursery. Activities include continued potting for the seeds and wildlings collected for propagation, improvement of seedling beds, soil potting, and transplanting and sorting of seedlings.</p> <p>Also, ENR Personnel and some members of ISEP-TF Operatives joined in the conduct of clean-up drive and nursery beautification Activities include landscaping, weeding, grass cutting, watering of seedlings, sorting of seedlings and proper disposal of rotten Polyethylene bags.</p>
2. Climate Change Mitigation/Adaptation and DRRM Initiaves	<p>Implementation of forest rehabilitation and other greening efforts such as but not limited to watershed rehabilitation, agro-forestry, riparian rehabilitation & development, mangrove & beach forests rehabilitation and urban greening with the aim to reduce the causes of global warming and its effect to biodiversity; and protect communities from risks of hazards caused by natural calamities.</p>	<p>Riparian Rehabilitation Project: November 11, 2022 - Personnel of this Office together with DSWD R02 conducted inspection of riparian project sites at San Mateo, Isabela. A total of 500 bamboo propagules were planted in the said areas, but based on observation, 10% of the total number of propagules planted have survived the floods brought by the recent typhoon Paeng. Therefore, the LGU was advised to consider identifying other areas most suitable for riparian rehabilitation.</p>

B. Forest Protection and Law Enforcement Activities:		
1. Manning of Checkpoints		
a. Foot/mobile Patrolling and Surveillance	Foot/mobile patrolling and surveillance of illegal cutting and transporting of forest products.	<p>ENRO and ISEP-TF personnel conducted surveillance and mobile patrol in the following areas:</p> <ul style="list-style-type: none"> - Alinguigan 3rd and 2nd, Malalam, Fuyo, San Ignacio, San Juan, San Lorenzo, Bintacan, Cabisera 8, Cabisera 14-16, Cabisera 22, Sitio Lagis, Sindon Bayabo, and other forest Barangay of City of Ilagan - Magassi and Masipi, Cabagan - Antagan, Tumauni - Benito Soliven and San Mariano areas - Forest Region of Jones and San Agustin, Isabela <p>Also, assisted in the monitoring of Sand and Gravel Extraction Activities.</p>
b. Apprehension/Confiscation	Apprehension/confiscation of illegally cut and transported forest products	For this month, there were no confiscated/apprehended forest products during conduct of forest protection activities.
2. Donation/Utilization of Forest Products	Granting of request for wood materials	Utilized a total volume of 1,566.66 bd.ft representing 88 pieces of CHW lumbers for various government projects.
3. Other Activites	Seedlings Production	For this month, members of the ISEP-TF conducted site preparation activities for the One Million Bamboos In One Day Planting project; specifically along the Cagayan River within the Municipalities of Sto. Tomas, Delfin Albano, and Cabagan.
C. Activities Undertaken in Support of IDRRIP	Patrol works and monitoring activities and maintenance of reforestation areas	Simultaneous with other activities, ISEP-TF and ENRO personnel regularly monitor the IDRRIP reforestation areas. Also, November 25, 2022, this office, together with the GSO, joined and assisted personnel from the Commission of Audit and the Development Bank of the Philippines in the conduct of project inspection.
D. Other Related Activities		
1. Permaculture Development		Continued maintenance activities in the Ale-Ale Building, Eco-park and its vicinities. MRFs were constructed, garden were established and cleanliness and beautification of the surroundings were maintained.

<p>2. RTA 1 Million Bamboos in a Day Project</p>	<p>Coordination and site preparation activities re: 1 Million Bamboos in 1 day Project</p>	<p>On November 2-4, 2022, personnel of this office together with representatives from PYDO, proceeded to the Municipalities of Tumauni, Cabagan, Delfin Albano, Sto. Tomas, San Pablo and Sta. Maria, Isabela, thru their MENROs, SK Federation President, LnB Presidents and MYDO, and facilitated coordination meetings regarding preparatory activities for the simultaneous One Million Bamboos in One Day tree planting activity.</p> <p>During the coordination meeting, the team was able to discuss the mechanics for the site preparation and the number of bamboo propagules that should be provided by each LGU, identified warm bodies that should participate in the project and identified areas to be planted specifically along Cagtayan riverbanks, canals and dredged sites.</p> <p>The meeting also includes the discussion of ideas for the sustainability and full commitment of the people for the project's success.</p> <p>Same activities mentioned above were also conducted at the Barangays of Ueg, San Mariano; Mabini, Gamu; San Jose, Roxas, Sili, Aurora; and Municipality of Sta, Maria, Isabela on November 15-18, 2022.</p> <p>Simultaneous with the above activities, on November 10, 2022, RTA One Million bamboos in a Day Task Force convened at the Blue Room, Provincial Capitol Building to tackle and finalize important matters regarding the preparatory activities of the Reforestation Target Action dubbed as the “One Million Bamboos in One Day Tree Planting Project”.</p> <p>Presided over by Atty. Elizabeth C. Binag, Provincial Information Officer and For. Geronimo P. Cabaccan, Jr., ENR Officer, attendees for the meeting were the representatives from SDO Isabela; SDO Ilagan; SDO Cauayan; 502nd, BDE, Echague, Isabela; IPPO – PNP; ISU Cabagan; ISU Central Grad. School; 86IB, 5D; 91IB, 5ID; LNB Office; DILG; DTI Isabela; and SK Federation.</p> <p>Seedling requirements for identified planting areas were presented in the said meeting. Also, updates regarding the Tree Planting Project were discussed to include total delivered bamboo propagules; total cash donations; on-going follow up on the pledges of different organizations; land preparation to be conducted by ENRO, SK Youth and LGUs; and coordination meetings with target areas.</p> <p>On November 15-25, 2022, ENRO Personnel together with members of the ISEP-TF, proceeded to the municipalities and barangays specified to conduct coordination and and commenced site preparation activities for the 1 Million Bamboo in 1 Day Project, to wit:</p> <ul style="list-style-type: none"> - San Pablo, Isabela - Cabagan, Isabela - Delfin Albano, Isabela - Sto. Tomas, Isabela - City of Ilagan, Isabela
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II. ENVIRONMENTAL MANAGEMENT DIVISION		
A. Vermicomposting Facility	Production of Organic Fertilizer thru Vermicomposting	For this month, a total of 1,040 kgs. were produced and 900 kgs. were disposed to various requesting constituents, with a remaining stock balance of 21,380 kgs. as of November 30, 2022.
B. Production of Green Charcoal	Production of charcoal briquettes out of paper waste to minimize the impact of paper waste	Produced a total of 24 kgs. charcoal briquettes for this month.
C. Maintenance of Organic Vegetable/Herbal Garden and Ecological Center	Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.	Conducted brushing, cleaning, planting of vegetables and maintenance of organic vegetable garden with the assistance of GIP Job Orders from DOLE.
D. Monitoring of Sanitary Landfill Facility and Residual Containment Area	<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>Conducted monitoring and documentation of the Waste Disposal Facilities of the different municipalities, to wit:</p> <p>1. SLF located at Sitio Callagui, Brgy. San Pablo, Cauayan City- The SLF is temporarily closed due to the ongoing rehabilitation of the site because it can no longer accommodate garbage coming from different municipalities with a signed MOA with the City of Cauayan. There is an under-construction cell located in the adjacent area. And it was observed that there is mixed waste in the area which causes a bad odor. The old dumpsite was transformed into an eco-park and facilities like vermicomposting for the production of organic fertilizer are also available.</p> <p>Recommendation: The City ENRO should be strict in the collection of waste to avoid contamination of waste and to prolong the lifespan of the SLF. The previous plan of the City LGU for the residual wastes with potential should push through to make use of the wastes economically.</p> <p>2. RCA located at Brgy. Aplaya, Maconacon- No Residual Containment Area instead waste was placed in an open area. The LGU collects recyclable wastes and stores plastic bottles in the MRF.</p> <p>Recommendations: The LGU needs to construct RCA while negotiating with LGU Divilacan for the disposal of their waste. The construction of MRF for the final sorting of waste is likewise recommended.</p>
E. Search for the Most Environment-Friendly Barangays in the Province of Isabela	The Provincial Government of Isabela-Provincial Solid Waste Management Board thru the Environment and Natural Resources Office as its implementing arm paved way again for the conduct of Search for the Most Environment-Friendly Barangays to give due recognition and initiatives in the institutionalization of the solid waste management system within their respective jurisdictions as mandated under RA No. 9003 and its implementing rules and regulations.	The validation team is now on its 5th and last week of evaluation for the Search for the Most Environment-Friendly Barangays, to wit: 1. Brgy. Villa Concepcion, Cauayan City; 2. Brgy. San Juan, Quezon ; 3. Brgy. San Antonio, Roxas; and 4. Brgy. Dicaruyan, Divilacan

<p>F. Joint Anti-Smoke Belching Campaign</p>	<p>Conduct of anti-smoke belching test of motor vehicles using the opacimeter machine in partnership with the DENR-EMB and DOTR-LTO Regional Office which aims to promote public awareness in air pollution.</p>	<p>Conducted Anti-Smoke Belching Campaign at National Highway Brgy. Del Pilar, Alicia, Isabela. The team flagged-down diesel engine vehicles such as trucks, jeeps and SUVs passing thru the national highway and conducted random smoke belching test using the opacimeter machine. Around twenty seven (27) diesel engine vehicles were checked and tested. Out of the total vehicles inspected/tested, six (6) did not meet the opacity standard of the smoke emitted and two (2) vehicles were not tested due to its non-visible exhaust pipe. All vehicles that did not meet the opacity standard were served with citation tickets and driver's licenses were confiscated. For the owners to redeem said documents, their vehicles must have to comply first with the prescribed standard opacity and pay the corresponding penalty to the LTO.</p>
<p>G. Healthcare Waste Management Monitoring</p>	<p>Pursuant to the provisions of the Local Government Code (RA No. 7160) and the 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 jurisdictions.</p>	<p>Conducted monitoring of Healthcare Waste Management of RHU-Divilacan. Their septic vault is only used for infectious waste disposal and some healthcare waste was buried near the cemetery. Waste were minimal due to the low population in the area.</p>
<p>H. Monitoring of RA 9003 & EO No. 33, series of 2020</p>	<p>Directing all LGUs to strictly implement the provision of RA 9003, enforce EO No. 33 enjoining the general public to be vigilant in reporting improper disposal of garbage, animal carcasses and other forms of uncleanness to proper authorities.</p>	<p>For this month, this office conducted monitoring of barangays in the compliance of EO 33 and RA 9003, to wit: Brgy, Villa Concepcion, Cauayan City; Brgy. San Juan, Quezon; Brgy. San Antonio, Roxas; Brgy. Dicaruyan, Divilacan.</p>
<p>I. Monitoring of Approved 10-Year ESWM Plans</p>		<p>Personnel from this office committed to extend technical assistance to municipalities for the revision of their 10-Year ESWM Plan</p>
<p>J. Other Related Activies</p>		
<p>I. Maintenance of Materials Recovery Facility</p>	<p>Weighing of various recyclable, special/hazardous and residual wastes collected from the different offices of the Capitol premises, brought to the ENRO Material Recovery Facility for final segregation and recovery of wastes with potential for diversion.</p>	<p>Wastes were segregated and compiled according to waste composition in kilograms, to wit: Residual- 625 kgs, Food Wastes-18.6 kgs, Plastics- 28 kgs.; Carton- 65.8 kgs. and Papers- 37.5 kgs. with a total of 774.9 kilograms.</p>

2. Coastal Clean-up Drive		In observance of the Annual International Coastal Clean-Up Day 2022, the ENR Personnel together with MLGU-Divilacan conducted clean-up activity along the seashores of Barangay Dimapula which was participated by MLGU, DepEd and barangay constituents.
3. Information Education Campaign (IEC)		Conducted IEC in celebration of National Awareness Month every month of November at LGU Maconacon in the presence of the Municipal Mayor and staff, Private Secretary, Consultant, MENRO, DepEd, and Barangay Officials. The ENR Personnel together with EMB-PEMU Isabela discussed RA 9003 specifically waste segregation and waste disposal. They also tackled some Environmental Laws like RA 8749, RA 9275, and Executive Order Nos. 33, 40, 42, 43, and 44 signed by the governor Hon. Rodolfo T. Albano III. Furthermore, visited the Elementary and High School Department thru dialogues with the students and Teachers of Maconacon and Divilacan.

III. MINERAL RESOURCES MANAGEMENT DIVISION

A. Processing and Issuance of Permits	The ENR Office as implementing arm of the Provincial Government of Isabela in ENR concern is tasked to implement Mining Laws, Rules and Regulations within the province.	For this month of September, no CSAG Permit applications were processed and issued.
B. Accreditation of Haulers	The ENR Office is responsible in field verification and evaluation of quarry area to determine compliance of permit holders/ haulers to environmental laws, rules and regulations. Also , regular monitoring of extraction of sand and gravel and other quarry resources is conducted which shall serve as basis for the collection of taxes and other related fees by the Provincial Treasurer's Office.	For this month, a total of Three Hundred (Php 300.00) pesos paid for Accreditation Sticker.
C. Site Verification and Inspection of Mining/Quarry Sites		For this month, no investigation and site verification of Mining/Quarry Sites were conducted.
D. Field Monitoring of Quarry Areas		For this month, 33,782.50 cu.m. quarry resources were extracted representing 339.50 ordinary earth, 25,820.22 Mixed, 2,948.00 G1/S1 and 6,675.00 Boulders with corresponding value of P1,413,670.00 representing P10,185.00 Ordinary Earth, P903,700.00 Mixed, P132,660.00 G1/S1 and P367,125.00 Boulders.


IV. OTHER PROGRAM/PROJECT/ACTIVITY

1. 2022 Society of Filipino Foresters, Inc. (SFFI) National Conference		Personnel of this office attended the Society of Filipino Foresters, Inc. (SFFI) National Conference with the theme: "Philippine Sustainable Forest Management Roadmap: Key to National Recovery" last November 15-20, 2022 at Cebu City.
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<p>2. Meetings, Seminars, Trainings and Workshops Attended</p>		<p>November 7, 2022 - Attended Regional Spacial Development Framework Workshop on November 4, 2022 at NEDA R02, Tuguegarao City, Cagayan.</p> <p>November 9, 2022 - Attended virtually the 4th Quarter Meeting of the Fuyot Spring National Park Protected Area Management Board (PAMB).</p> <p>November 16, 2022 - Attended virtually the Orientation cum Workshop on the Harmonization Roadmap Template conducted by the DILG R02.</p> <p>November 25, 2022 - Attended the Training on Soil Fertility and Integrated Pest Management on November 25, 2022 at Bulwagan ng Sierra Madre, Environmental Information Center Building - ISU Cabagan Campus.</p> <p>November 29, 2022 - Attended virtually the FSNP-PAMB Special Board Meeting.</p> <p>November 29, 2022 - Attended virtually the 4th Quarter Regular Meeting re Provincial Environment Law Enforcement Council (PELEC)</p>
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CONSOLIDATED BY:


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 Community Development Assistant II


IVY M. GATAN
 C/Administrative Officer I

CERTIFIED CORRECT:


GERONIMO P. CABACCAN, JR.
 Environment and Natural Resources Officer

26

Pictures of the activities conducted at the ENRO Provincial Nursery for the month of November, 2022.



Attendance and participation to the Clean-up and convergence meeting for Magat Dam Assessment and Rehabilitation with the theme: "Enhancing Holistic Partnership Towards Sustainability Watershed and Reservoir Management".



Photos taken during the conduct of One Million Bamboos in a Day Project Special Meeting held at Blue Room, Capitol Building, City of Ilagan on November 10, 2022.



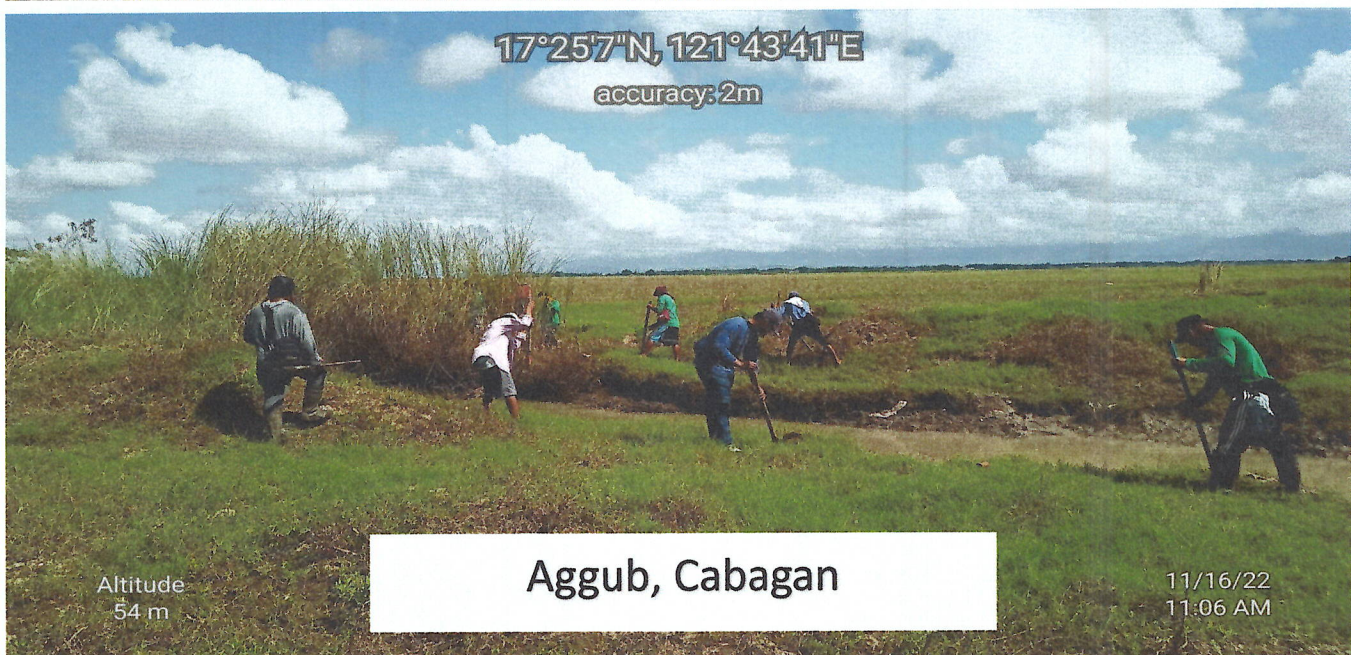
Pictures taken during the conduct of clearing activities within the pathways of the IPDC eco-park and beautification in the premises of Ale-ale Building for the month of November, 2022.

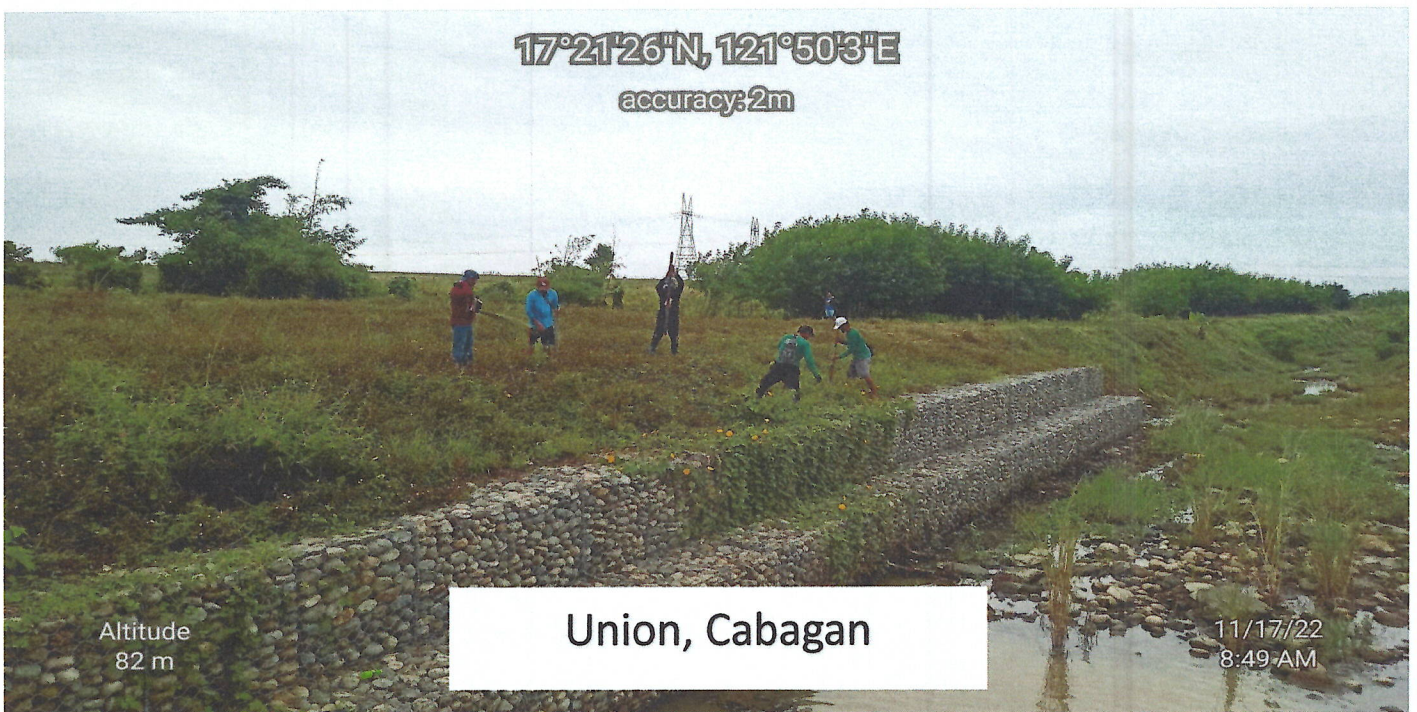


Photos taken during the coordination meeting relative to the RTA 1 Million Bamboos in a Day Project.



Photos taken during the site preparation activities conducted by the ISEP-TF operatives for the 1 Million Bamboos in a Day Project.







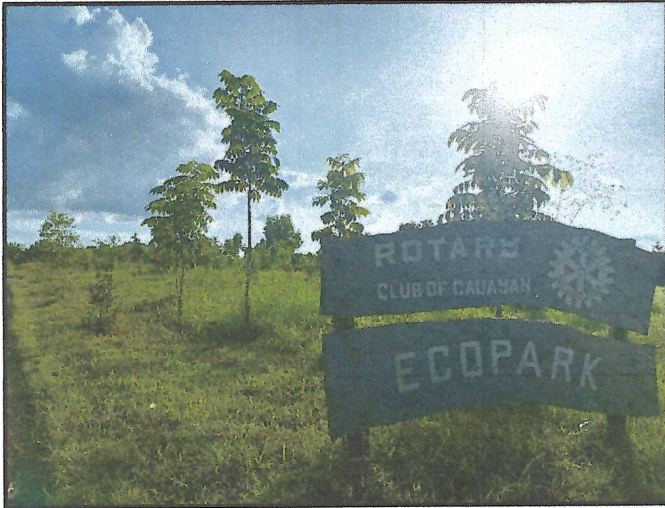


**San Andres-Visitacion,
Delfin Albano**

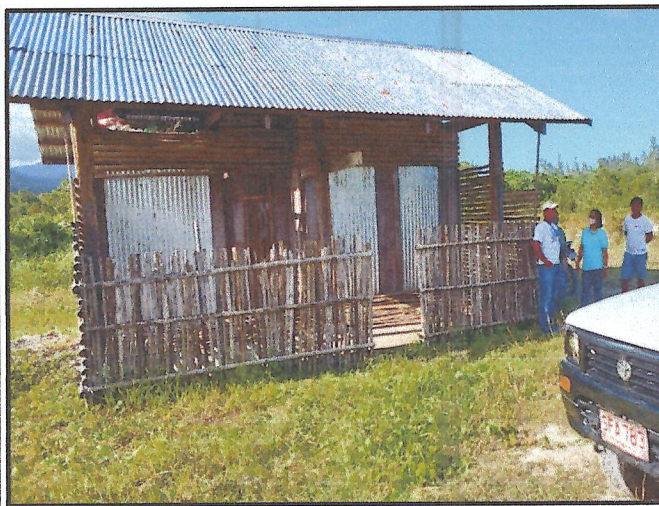


Auitan, San Pablo

MONITORING OF SANITARY LANDFILL FACILITY AND RESIDUAL CONTAINMENT AREA



SLF of Cauayan City located at So. Callagui, Barangay San Pablo



RCA of Maconacon located at Barangay Aplaya

ANTI-SMOKE BELCHING CAMPAIGN IN BARANGAY DEL PILAR, ALICIA, ISABELA



PICTURES TAKEN DURING THE CONDUCT OF SEARCH FOR THE MOST ENVIRONMENT FRIENDLY BARANGAYS



BRGY. VILLA CONCEPTION, CAUAYAN CITY



BRGY. SAN JUAN, QUEZON



BRGY. SAN ANTONIO, ROXAS



BRGY. DICARUYAN, DIVILACAN

INFORMATION EDUCATION CAMPAIGN AT LGU MACONACON



COASTAL CLEAN-UP ALONG SEASHORES OF DIMAPULA, DIVILACAN



Field monitoring of sand and gravel extraction at the different quarry sites in the province for the month of November, 2022.



Photos taken during the 2022 Society of Filipino Foresters, Inc. (SFFI) National Conference held at Cebu, City last November 15-20, 2022.

