



ENVIRONMENT AND NATURAL RESOURCES

Accomplishment Report

July
MONTH
2021
YEAR

| PROGRAM/PROJECT/ACTIVITY | PROJECT DESCRIPTION | STATUS/REMARKS/ ACCOMPLISHMENT |
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| 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 produced: A total of 8,687 Narra seedling was produced from the wildlings collected for the previous months and were included in the inventory upon reaching its plantable size;</p> <p>Number of seedlings released: A total of 4,471 assorted seedlings were disposed to various requesting constituents composed of 1,681 forest tree seedlings, 2,720 fruit-bearing tree seedlings, 35 coconut and 35 bamboo propagules;</p> <p>Mortality rate at 2.31% equivalent to 1,113 seedlings was incurred.</p> <p>Stock balance: 42,583 seedlings as of July 31, 2021</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; seed collection and propagation; and other activities that were assigned to be accomplished during the period | Conducted continuous nursery regular maintenance and operational activities such as seedling bed improvement, soil potting, seeds and wildlings collection, transplanting and sorting of seedlings. A small fruit orchard is also maintained for development. |
| 2. Climate Change Mitigation/ Adaptation and DRRM Initiatives | 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>Beach Forest Rehabilitation Project: Brgy. Bicobian, Divilacan - site preparation done July 8-9, 2021 while the tree planting was held July 14-16, 2021;</p> <p>So. Sabang, Maligaya, Palanan - the tree planting which commenced last June, 2021 was finally completed 2nd week of July, 2021;</p> <p>For the coming month of August, this Office shall conduct site inspection of the project areas and monitoring of the previously established beach reforestation plantation.</p> <p>Mangrove Forest Rehabilitation Project: Brgy. Dimasalansan, Divilacan - implementation rescheduled by the partner LGU Divilacan to give way for their seedlings/propagules to get matured; implementation set to September 2021.</p> |

Riparian Rehabilitation Project:
Cauayan City - implemented riparian rehabilitation project in partnership with City LGU-CENRO and CSWD for the cash-for-work program. A total of 1,000 bamboo propagules and 400 kupang were planted on July 13-14, 2021 along the 4-kilometer stretch of Cagayan River and its tributaries within Barangays Alicaocao, Turayong, Carabbattan Grande and San Luis, Cauayan City;
Tumauini - implementation set on August 6, 2021;
Sto. Tomas - inspected and validated Bagabag Creek; implementation set on August 6, 2021;
Reina Mercedes - site preparation currently implemented along Cagayan River within Brgys. Turoid, Mallalatang Grande, Banquero, Santiago, Sallucong, Binarsang and Dangan; implementation set on August 13, 2021;
Sta. Maria - proposed area still subject for verification with DENR-CENRO Cabagan re NGP status to avoid project duplication;

Echague - identified areas at Brgys. Annafunan & Dugayong; MENRO shall conduct re-coordination with the officials of the identified barangays for the site preparation and schedule of tree planting;

Cabagan - shall be implemented along Cagayan River within Balasig Watershed.

Agro-forestry cum Watershed Rehabilitation Project:
Brgy. Simimbaan, Roxas - supervised by the Barangay LGU, the tree planting activity was held July 21, 2021 initially planting a total of 563 seedlings of calamansi, mangga, guyabano and rambutan covering 1 hectare of the area. The remaining 1 hectare shall be planted with forest tree seedlings tentatively scheduled this coming month of August 2021;
Cordon - the area identified is within the Cordon Municipal Eco Park; MENRO to coordinate with their identified barangays who will implement the tree planting and maintenance; accordingly, this shall also serve as the barangays' compliance to the Provincial Governor's issued Executive Orders;

Ilagan - area identified located at Brgy. Sindon Bayabo, City of Ilagan; initial coordination already conducted with the farm owner; seedlings and technical assistance to be provided by the PG-ENRO while maintenance shall be the counterpart of the farm owner; area shall serve as the model farm of the PGI for agroforestry;

Cabagan - identified Barangays Anao, Ugad, Ngarag and Cubag for the Urban Greening; inspection and validation to be implemented this coming month of August 2021

Watershed Rehabilitation Project:
Quezon - site preparation already conducted; area is within LGU Quezon Eco Park; tree planting scheduled on August 19, 2021.

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| 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. | ENRO and ISEP-TF personnel conducted surveillance and mobile patrolling along rivers at Bintacan, Cabisera 8 and Cabisera 10; along forest areas of Sindon Bayabo, City of Ilagan and San Mariano particularly at the vicinities of Ilagan-Divilacan Road. |
| b. Apprehension/Confiscation | Apprehension/confiscation of illegally cut and transported forest products | For this month, 65 pieces of premium species and CHW Fitches & Lumbers with aggregate volume of 1,187.34 bd.ft. were apprehended at the City of Ilagan, Isabela during the conduct of forest protection and law enforcement activities. |
| 2. Donation/Utilization of Forest Products | Granting of request for wood materials | For this month, 22 pieces of CHW lumber with a total volume of 590.66 bd.ft. were donated to Iglesia ni Cristo for church building. |
| C. Activities Undertaken in Support of IDDRIP | Patrol works and monitoring activities and maintenance of reforestation areas | <p>ISEP-TF and ENRO personnel conducted regular monitoring and, protection and maintenance activities at the reforestation areas.</p> <p>Also, this Office supervised and joined the tree planting activity of the Bureau of Fire Protection - Provincial and City of Ilagan Office personnel at Km. 24 along Ilagan-Divilacan Road. They were able to plant more or less 1,000 Narra seedlings. They were also joined by personnel from PNP and BJMP.</p> <p>Together with DENR Isabela personnel and the contractor, conducted site inspection for the proposed 800-hectare reforestation area. This is part of the Provincial Government's commitment in the IDRRIP's Reforestation Component in addition to the 250 hectares initial planted areas.</p> |
| D. Other Related Activities | | |
| 1. LGU Submission and Monitoring of EO Compliance Reports | <p>Recognizing the significant role of barangays and schools as partners in attaining ecological stability, the Provincial Government has institutionalized their part with the issuance of Executive Order Nos. 42, 43, 44 and 45, all series of 2019. These EO's mandate the said institutions to plant and grow trees in their respective jurisdiction; compliance is likely to effect positively hence monitoring shall be conducted.</p> | <p>For this month, the following schools and barangays were monitored, to wit:</p> <ol style="list-style-type: none"> 1. Brgy. District 3, Gamu - conducted three (3) tree planting activities and was able to plant a total of 130 assorted seedlings for this year along the Municipal Cemetery on April 19, 2021; Municipal Close Dumpsite on May 28, 2021; and along Cagayan Riverbank on July 14, 2021; based on observation, it was recommended the need for brushing and replanting; 2. Sindon Bayabo Integrated School, City of Ilagan - 20% survival rate of seedlings planted; still in the process of sourcing out for seedling in replacement of the mortality; shall conduct replanting this on set of rainy season; 3. San Rafael Elem. School, City of Ilagan - 80% survival rate of seedlings planted in 2021; shall conduct another replanting this on set of rainy season; 4. Brgy. Cabisera 10, City of Ilagan - 70% survival rate of seedlings planted in 2021; shall conduct another replanting this on set of rainy season; 5. Brgy. Maranan 2nd, City of Ilagan - 50% survival rate of seedlings planted in 2021; shall conduct another replanting this on set of rainy season; |

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| | | 6. Brgy. Marana 3rd, City of Ilagan - 10% survival rate of seedlings planted in 2021; still in the process of sourcing out for seedling in replacement of the mortality; shall conduct replanting this on set of rainy season. |
| II. ENVIRONMENTAL MANAGEMENT DIVISION | | |
| A. Vermicomposting Facility | Production of Organic Fertilizer(Vermicasts) thru vermicomposting | Beginning Balance- 11,000 kgs. Produce- 1,000 kgs. Disposed- 4,020 kgs. Ending Balance- 7,980 kgs. |
| B. Production of Green Charcoal | Production of charcoal briquettes out of paper waste to minimize the impact of paper waste | Produced 10 kilograms of charcoal briquettes |
| C. Maintenance of Organic Vegetable/ Herbal Garden | Maintenance of Organic Vegetable Garden, Material Recovery Facility, Provincial Ecology Center and ENR Office surroundings. | Conducted activities by the Job Order Employees hired by the ENR Office. |
| D. Carbon Sink Plantation | This project is in partnership with the local government units and concerned barangays. Its purpose is to arrest the bulk of green house gases in the atmosphere through the establishment of Carbon Sink Plantation utilizing high oxygen concentration of forest and fruit-bearing trees. | Conducted site preparation to be ready for planting anytime the rain occurs at Brgy. Pangal Sur, Echague covering a total area of 2 has. |
| E. Joint Anti-Smoke Belching Campaign | The conduct of anti-smoke belching campaign is to help address and ensure vehicles comply with the in-use emission standards set by the DENR Administrative Order (DAO) 2015-04 relative to the implementation of DAO No. 2000-81 or the IRR of the Philippine Clean Air Act of 1999 | Conducted Joint Anti-Smoke Belching campaign on July 30, 2021 at National Highway Poblacion, Centro 2, Mallig, Isabela. The team were able to test twenty five (25) diesel engine vehicles of which eleven (11) passed and fourteen (14) vehicles failed. The LTO personnel then issued TOP tickets to the violators. |
| F. Monitoring of RA 9003, EO Nos. 33 & 40 compliance | Directing all LGUs to strictly implement the provisions 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. | Monitored Barangays of Alicaocao, San Luis, Carabatan Grande, Turayong, Cauayan City and District 3, Gamu, Isabela in compliance to Executive Order No. 33 series of 2020. |

III. MINERAL RESOURCES MANAGEMENT DIVISION

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| <p>A. Accreditation of Haulers</p> | <p>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.</p> | <p>A total of 2 haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Five Thousand Forty (Php5,040.00) pesos and Six Hundred (Php600.00) pesos for Accreditation Stickers of 6 equipment.</p> |
| <p>B. Field Monitoring of Quarry Areas</p> | <p>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.</p> | <p>For this month, 61,085.00 cu. m. quarry resources were extracted representing 51,099.00 Mixed, 1,272.00 G1/S1 and 8,714.00 Boulders with a total value corresponding to P2,324,975.00 comprising P1,788,465 Mixed, P57,240.00 G1/S1 and P479,270.00 Boulders</p> |
| <p>C. Investigation/ Settlement of Quarry and Mining Related Complaints</p> | <p>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.</p> | <p>Conducted regular monitoring on alleged quarry activities in Simimbaan, Roxas, Isabela in compliance to Memorandum Order dated March 24, 2021 of OIC Regional Executive Director Gwendolyn C. Bambalan of the Department of Environment and Natural Resources.</p> <p>Since the initial investigation done last March 2, 2021 there were no further quarry-related activities.</p> |
| <p>D. Other Related Activities</p> | | |
| <p>1. Geo Tagging of Quarry Sites for Sand and Gravel Extraction Activities</p> | <p>To update database information on location of quarry resources in the Province of Isabela; mapped out these identified sites in terms of its environmental status, estimate aggregate volume and suitability of the resources for utilization; all these to ensure balance between economic and ecological sustainability in exploring said resources</p> | <p>Conducted Geo-Tagging of Six (6) Sand and Gravel extraction sites, to wit:</p> <ol style="list-style-type: none"> 1. Banquero, Reina Mercedes 2. Turod, Reina Mercedes |
| <p>IV. OTHER PROGRAM/PROJECT/ACTIVITY</p> | | |
| <p>1. PRDP related activities</p> | <p>As part of TWG, the ENR Office is in-charge in the Social and Environmental Safeguards (SES) concerns of various PRDP sub-projects</p> | <p>Prepared the Social and Environmental Analysis and other SES requirements for the pineapple production and marketing enterprise sub-project located at Brgy. Magleticia, Echague, Isabela.</p> |
| <p>2. Observance of the National Disaster Resilience Month 2021</p> | <p>Executive Order No. 29 signed on June 28, 2017 mandates the observance of National Disaster Resilience Month (NDRM) throughout the country through the conduct of activities relative to building resilience covering the four thematic areas: prevention and mitigation, preparedness, response; and rehabilitation and recovery.</p> | <p>In support of the Provincial Government of Isabela's annual conduct of "Todas Dengue, Todo Na To", a massive and simultaneous clean-up of public and private spaces in observance of the National Disaster Resilience Month, personnel of this Office conducted two-round clean-up activities within the ENR Office compound, vicinities of monitoring checkpoints, along national highways and in their respective homes, on July 24 and July 31, 2021.</p> <p>The activity above is just one of the regular initiatives the Povincial Government is implementing in relation to the NDRM Month and the active participation of ENRO personnel shows commitment of support to the various programs of the PGI towards disaster resiliency.</p> |

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| <p>3. Meetings, Seminars, Trainings, Workshops Attended</p> | | <p>July 13, 2021 - attended the Provincial Environmental Law Enforcement Council (PELEC) organizational meeting at Piazza Zicarelli, Upi, Gamu, Isabela; discussed were the items in the MEMorandum of Agreement of member-agencies;</p> <p>July 23, 2021 - joined the conduct of Community Pantry for Brgy. Upi, Gamu, Isabela led by the 5th Signal Battalion, ASR, PA. A total of 150 assorted forest and fruit-bearing tree seedlings were given to the 60 beneficiaries relaying to them the importance of food sustainability during this time of pandemic and promoting individual participation towards disaster resilience.</p> <p>July 27, 2021 - attended the PAMB consultation meeting relative to the draft guidelines on the opening of the ILAGAN Sanctuary within the Fuyot Spring National Park (FSNP) held at the City Hall of Ilagan.</p> <p>July 28, 2021 - attended consultation workshop on NSMNP Marine Protected Area network at Piazza Zicarelli, Upi, Gamu, Isabela.</p> |
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