



ENVIRONMENT AND NATURAL RESOURCES

Accomplishment Report

June
MONTH
2022
YEAR

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT
I. FOREST MANAGEMENT AND CONSERVATION DIVISION		
A. Forest Resources Development Activities:		
1. Nursery Operations & Maintenance Works		
<p>a. Production/Propagation and Disposition of seedlings</p>	<p>Production, propagation and procurement of seedling stock and disposition of seedlings</p>	<p>For this month, seeds of Golden Shower, Anchoan Dilaw and Narra were extracted, sowed. From these, a total of 250 were transplanted for recovery.</p> <p>Number of seedlings produced: A total of 740 seedlings produced comprising of 240 Alibangbang and 500 Rain Tree seedlings, respectively; on the other hand, 900 bamboo propagules were donated.</p> <p>Number of seedlings released: A total 616 assorted seedlings were disposed to various requesting constituents composed of 275 forest tree seedlings, 288 fruit-bearing tree seedlings, and 53 bamboo propagules ;</p> <p>Stock balance: 29,691 seedlings as of June 30, 2022.</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; 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 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>
<p>2. Climate Change Mitigation/Adaptation and DRRM Initiaves</p>	<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>This office, together with personnel of DSWD R02, conducted actual site inspection and validation of proposed project areas in the Municipalities of San Isidro, San Guillermo, San Mariano and City of Cauayan. Assisted by their respective counterparts, results were as follows to wit:</p> <p>Proposed Riparian Rehabilitation Project was identified to be implemented at LGU San Guillermo and Cauayan City; Agroforestry Project was proposed to be implemented at Barangay Quezon, San Isidro.</p> <p>On the other hand, the proposal for Watershed Rehabilitation was already approved for implementation; the Riparian Rehabilitation project proposal was already submitted for approval; and, the Agroforestry project proposal is yet to be finalized for submission and approval.</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	Disposed 40 pieces common hardwood lumber with a total volume 754 Board feet.
3. Other Activites	Seedlings Production	<p>Seeds and wildlings collection were continously conducted and potted.</p> <p>For this month, operative members based at Tumauni, Disipon, Benito Soliven, San Pablo, Abuan and Marana Checkpoints propagated seedlings of 2,309 Narra, 460 Ipil, 140 Cacao, 40 Mango, 10 Langka, 400 Neem, 300 Rain tree and 100 Alibangbang. A total of 5,310 seedlings.</p> <p>Seedlings produced shall be utilized for future tree growing activities of the Provincial Government.</p>
C. Activities Undertaken in Support of IDRRIP	Patrol works and monitoring activities and maintenance of reforestation areas	<p>ISEP-TF and ENRO personnel regularly conducted monitoring at IDRRIP reforestation areas.</p> <p>Also, personnel of this Office joined in the conduct of PGI-FCIP MOA monitoring last June 13-16, 2022.</p>
D. Other Related Activities		
1. Permaculture Development		The ENR Personnel together with the ISEP-TF continuously conduct clearing activities with the pathways of the IPDC eco-park and beautification in the premises of Ale-ale Building.

II. ENVIRONMENTAL MANAGEMENT DIVISION

<p>A. Vermicomposting Facility</p>	<p>Production of Organic Fertilizer thru Vermicomposting</p>	<p>For this month, a total of 2,500 kgs. were produced and 740 kgs. were disposed to various requesting constituents, with a remaining stock balance of 17,160 kgs. as of June 31, 2022.</p>
<p>B. Production of Green Charcoal</p>	<p>Production of charcoal briquettes out of paper waste to minimize the impact of paper waste</p>	<p>Produced 2 kgs. charcoal briquettes</p>
<p>C. Maintenance of Organic Vegetable/Herbal Garden</p>	<p>Maintenance of Organic Vegetable Garden, Materials Recovery Facility, Provincial Ecology Center and ENR Office premises.</p>	<p>Conducted brushing, cleaning, seedbed preparation, planting of vegetables and maintenance of organic vegetable garden with the assistance of GIP Job Orders from DOLE.</p>
<p>D. Joint Anti-Smoke Belching Operations</p>	<p>The conduct of anti-smoke belching campaign is to help address and ensure vehicles compliance 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</p>	<p>Conducted Joint- Anti Smoke Belching last June 23, 2022 at Barangay Poblacion, Sta Maria, Isabela together with the DENR-EMB Region 02 led by Mr. George Canapi, LTO-R02 led by Mr. Marcelo Duldulao, LGU-Sta. Maria led by MENRO & MAO Ms. Herminia Atal, Sta. Maria Police Station led by Police Major Rogelio C. Natividad, and PNP-Highway Patrol Group-Regional Highway Patrol Unit 02 led by PEMS Martin Corsino. The team were able to test a total of 34 diesel-powered vehicles of which 29 vehicles passed and 5 vehicles failed the emission standards. Drivers of vehicles which failed to meet the opacity standard were issued with violation tickets by the LTO R02 enforcers.</p>
<p>E. Monitoring of Waste Disposal Facilities (SLF,RCA and MRF)</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>Monitored and documented waste disposal facilities with the following observations, to wit:</p> <ol style="list-style-type: none"> 1. Brgy. Kalabaza Material Recovery Facility (MRF)- located at the back of Barangay Hall. It has 2 compartments but not functional. The location is not suited for MRF because it is a flooded area. 2. LGU Aurora - Residual wastes were collected daily and segregated at Central MRF. After the segregation, waste is then brought to Barangay San Pablo SLF, Cauayan City thrice a week for final disposal. 3. LGU San Manuel – Out of 18 Barangays, there are only 8 barangay MRF and 11 mobile MRFs that cater residual wastes and brought to Cauayan City SLF for final disposal. They also have Rotary Composter with plastic shredder donated by EMB-Region 02, but it's not yet functional. 4. LGU Roxas - Year 2019 when the operation of their Sanitary Landfill Facility (SLF) started. Cell 1 and 2 were almost full and it might be totally filled up this year. The materials to be used for cell 3 is already available and cell 4 is under construction. The infrastructures established near the SLF were the following: 1 Central MRF, RCA, Warehouse with 1 densifier machine, 2 bio-shredder,



		<p>2 bio-composter and 1 plastic shredder donated by DENR-EMB R-2. The shredded plastics were mixed with used oil coming from the food establishment to make bricks as alternative technology.</p> <p>5. LGU-Quirino – An existing RCA as temporary disposal area is located at Barangay Villa Miguel. A SLF Category 1 is under construction on the same site and the target finish of said SLF is this year.</p> <p>6. LGU-Gamu- The reported Residual Containment Area was not seen, instead, mixed wastes were scattered everywhere.</p> <p>7. LGU- Tumauni- The first cell of the SLF is partially full but can still accommodate more waste if totally flattened and compacted. According to MENRO Engr. Limbauan, the SLF is filled immediately due to improper waste disposal and the SLF is also backfilled with soil then compacted with bulldozer. While the second cell is under construction. He made a confirmation that the next cell will be appropriately managed and monitored so that the waste will be properly compacted and the desired lifespan of the cell will be longer.</p> <p>8. LGU-Delfin Albano- The garbage they collected were placed in sacks to avoid blowing of wastes and the temporary RCA is located far from the SLF.</p> <p>9. LGU Echague- monitored several MRFS strategically within barangays.</p> <p>10. LGU Jones- visited their newly established/constructed SLF, MRF and office building located at Barangay Fugu, Jones which the LGU hopes to be operational within this year.</p> <p>11. LGU San Agustin - they have their existing MRF and RCA located at Barangay Santos but the LGU is looking forward to transferring the site for their disposal facilities.</p> <p>12. LGU San Isidro - the LGU do not have their own disposal facility except the MRF and RCA located at the back of the municipal hall. According to the MENRO, Engr. Kristine Saet, the LGU has entered into MOA with Cauayan City for the disposal of their wastes.</p>
F. Other Related Activities		
1. Maintenance of Materials Recovery Facility	<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: Papers -65 kgs.; Can -1 kg; Bote-1.5 kgs. and PET Bottles-4 kgs. with a total of 71.5 kilograms.</p>
2. Philippine Environment Month	<p>In celebration of the Philippine Environment Month with the theme: "Aksyon Para Sa Natatanging Mundo". The national celebration highlighted the #OnlyOneEarth campaign for the World Environment Day 2022 which promote environmental awareness.</p>	<p>In close coordination with MENRO of Aurora, Isabela and Brgy. Kalabaza, Aurora, this office conducted a clean-up drive cum IEC on June 15, 2022 along Tawtaw Riverbanks, Brgy. Kalabaza, Aurora, Isabela. The team collected an approximately 1,300 kgs/1.3 cu.m. of wastes consisting of plastics, broken glasses, used diapers and construction wastes.</p>

3. 2nd Quarter PSWMB Meeting		<p>Conducted Second Quarter Joint Provincial/City/Municipal Solid Waste Management Boards (PSWMB) at Balai, Provincial Capitol Compound, Alibagu, City of Ilagan, Isabela on June 28, 2022 with the following agenda:</p> <ol style="list-style-type: none"> 1. Presentation on the "Treatment and Disposal of Infectious Wastes". 2. Presentation on "EMB Plans and Programs Relative to RA 9003 Implementation for Dessimination to LGUs". 3. Presentation on the "proposed Establishment o Joint EMB-PGI Compliance Monitoring Mechanism on RA 9003 Implementation in the Province of Isabela". 4. Launching of Search for the Most Environment-Friendly Barangay; and 5. Other matters - Reminding on the different Executive Orders for implementation of all cities and municipalities relative to the planting of Million Trees.
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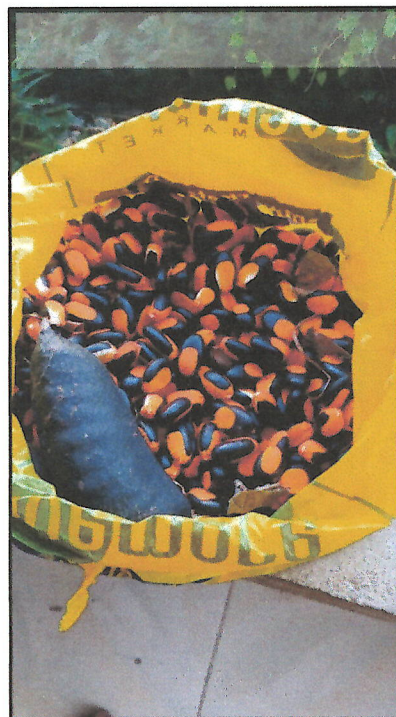
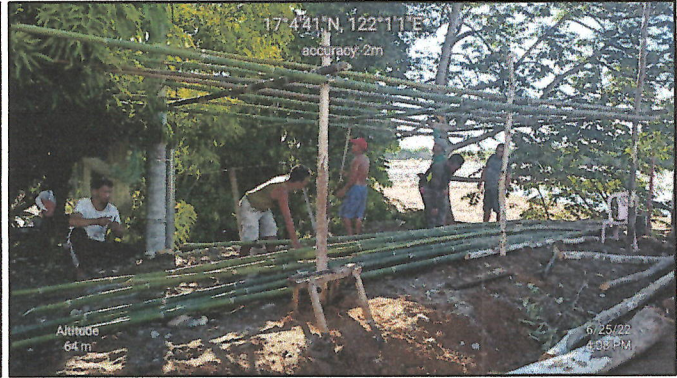
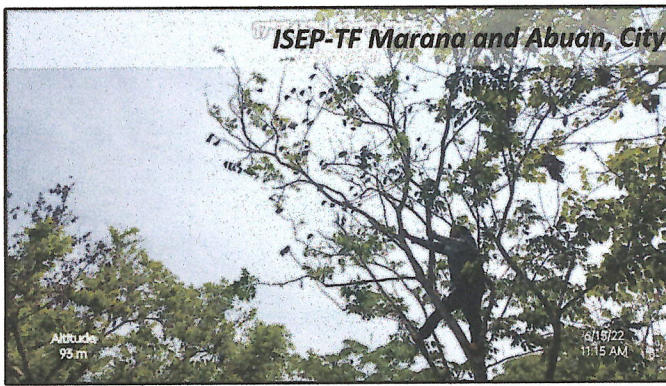
III. MINERAL RESOURCES MANAGEMENT DIVISION

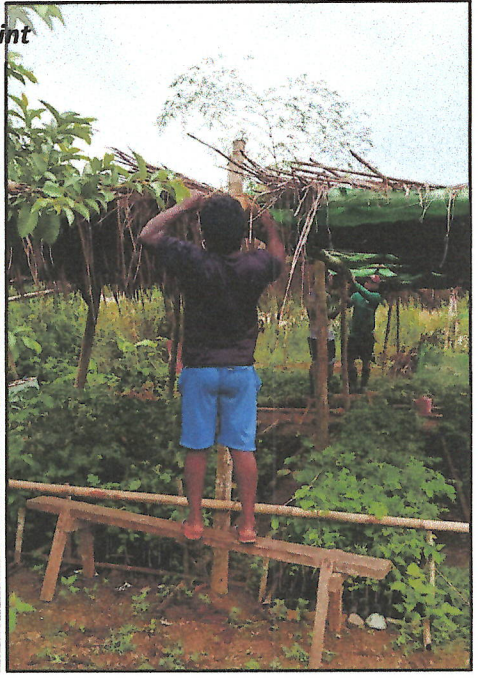
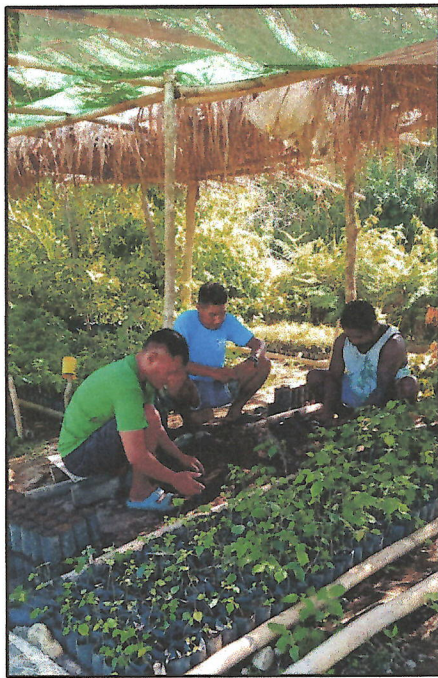
A. Accreditation of Haulers		<p>A total of Three (3) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to Seven Thousand Five Hundred Sifty (Php7,560.00) Pesos and One Thousand Nine Hundred (Php 1,900.00) Pesos for Accreditation Sticker of 19 equipment.</p>
'B. Site Verification and Inspection of Mining/Quarry Sites	<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>On June 22, 2022, personnel from this office together with the MENRO Cordon and Punong Barangay Betty A. Ngipol conducted field inspection/ verification of the alleged operation of Golden Summit Mining Corporation at Brgy. Anonang, Cordon, Isabela.</p> <p>The findings of the inspection were as follows:</p> <ol style="list-style-type: none"> 1. Based from office records, Golden Summit Corporations has not been issued with any mining permit by authorized agencies; 2. Punong Barangay of Anonang confirmed that for this year, Golden Summit Mining Corp. has not conducted any mining operations in the said barangay; 3. During the inspection, there was no actual nor traces of the operations observed in the area; and 4. The Processing Plant and Equipment are currently under renovation and repair.
C.Field Monitoring of Quarry Areas		<p>For this month, 60,101.00 cu. m. quarry resources were extracted representing 46,297.00 cu. m. Mixed, 750.00 cu. m. G1/S1 and 13,054.00 cu. m. Boulders with corresponding value of P2,372,115.00 representing P1,620,395.00 Mixed, P33,750.00 G1/S1 and P717,970.00 Boulders.</p>

D. Other Related Activities		
1. Minahang Bayan	Benchmarking Activities in Established Minahang Bayan within the Cordillera Administrative Region (CAR)	<p>Conducted Benchmarking Activities in established Minahang Bayan within Cordillera Administrative Region (CAR). The team was led by For. Geronimo P. Cabaccan, Jr., ENR Officer. The following were the activities conducted and the results, to wit:</p> <p>-June 24, 2022- Courtesy Call and coordination to the Regional Director of MGB-CAR, RD Fay W. Apil.</p> <p>-June 25, 2022- The team together with RD Apil and MGB-CAR personnel went to Camp 6, Tuba, Benguet for the benchmarking activities. The joint-team visited the processing facility of the Minahang Bayan. And the team observed every part of the facility, a representative from the proponent explained each of the process involved in the extraction of silver and gold minerals from the rocks collected in the Minahang Bayan Area. The equipment and materials used in the processing facility were also explained.</p> <p>In conclusion, there are practices that can be replicated such as prioritizing local residents as laborers/miners and creation of an association to manage the operation of the Minahang Bayan. In contrast, there are also practices that needs improvement such as establishment of appropriate wastewater system (silt ponds) in the processing facility and established system on collection of taxes and fees by the government if any.</p>
IV. OTHER PROGRAM/PROJECT/ACTIVITY		
1. PRDP related activities	As part of TWG, the ENR Office is in-charge in the Social and Environmental Safeguards (SES) concerns of various PRDP sub-projects	<ul style="list-style-type: none"> - Presented the proposed IREAP Subproject Pineapple Production and Marketing Enterprise to the Regional Project Advisory Board (RPAB) Meeting. - Conducted meeting with Project Affected Persons (PAPs) together with Brgy. Officials and Data Profiling of Farmers Beneficiaries of the PRDP Subproject: San Jose Small Water Impounding Project (SWIP) - Facilitated the conduct of Enterprise Assessment: Business Process Review and Action Planning of the IREAP SP Mungbean Production and Marketing Enterprise of San Mateo Multi-Purpose Cooperative.
2. Todas Dengue, Todo Na'to (Ika-Siyam na Kagat)	By virtue of Executive No. 07 Series of 2022, the Environment and Natural Resources Office joins the Province of Isabela in the conduct of "TODAS DENGUE, TODO NA 'TO (IKA-SIYAM NA KAGAT)," and actively participated in the simultaneous and massive clean-up of public and private spaces to eliminate mosquito breeding sites and stop the spread of dengue fever and other mosquito-borne diseases.	<p>ENRO personnel and ISEP-TF Operative members simultaneously conducted clean-up activities within the vicinities of monitoring checkpoints, and in their respective homes on June 25, 2022. Some also held their clean up activity along the Abuan River, City of Ilagan, Isabela.</p> <p>"TODAS DENGUE, TODO NA 'TO" is an annual activity of the Provincial Government of Isabela that aimed to eradicate possible breeding areas for mosquitos.</p> <p>The active participation of the ENRO personnel through the leadership of For. Geronimo P. Cabaccan, Jr., ENR Officer, shows commitment of support to the various programs and activities of the Provincial Government towards disaster resiliency.</p>

<p>3. Meetings, Seminars, Trainings and Workshops Attended</p>		<p>June 7, 2022- Attended virtual Energy Audit Preparatory Meeting June 17, 2022- Attended virtually the Soil Conservation Forum June 21, 2022- Attended Capacity Building for Local Government Units on RA 9003 otherwise known as Ecological Solid Waste Management Act of 2000 held at Piazza Zicarelli, Upi, Gamu, Isabela conducted by DENR-Environmental Management Bureau Region 02. Attended by some Municipal MENROs and ENRO in the Province of Isabela. June 21-22, 2022- Attended the training on Enhanced Local Climate Change Action Plan (ELCCAP) Formulation via Zoom. June 28, 2022- Attended Northern Sierra Madre natural Park (NSMNP), Protected Area Management Board (PAMB) En Banc meeting at Piazza Zicarelli Hotel, Upi, Gamu, Isabela June 29, 2022- Attended the Provincial Statistics Committee-Isabela 4th Regular Meeting (2nd Quarter 2022) at Blue Room Conference Hall. June 29, 2022 - Attended virtually the Fuyot Spring National Park (FSNP)-Protected Area Management Board (PAMB) 2nd Quarter Meeting.</p>
<p>4. Energy Audit</p>		<p>This office facilitated the collection of data relative to the conduct of Energy Audit scheduled on July 4-7, 2022</p>
<p>CONSOLIDATED BY:</p> <p style="text-align: center;"> <u>JESSA C. RIVERO</u> Community Development Assistant II</p>		<p>CERTIFIED CORRECT:</p> <p style="text-align: center;"> <u>GERONIMO P. CABACCAN, JR.</u> Environment and Natural Resources Officer</p>

Seedling Production activities of the different ISEP-TF Monitoring Checkpoints
for the Month of June, 2022



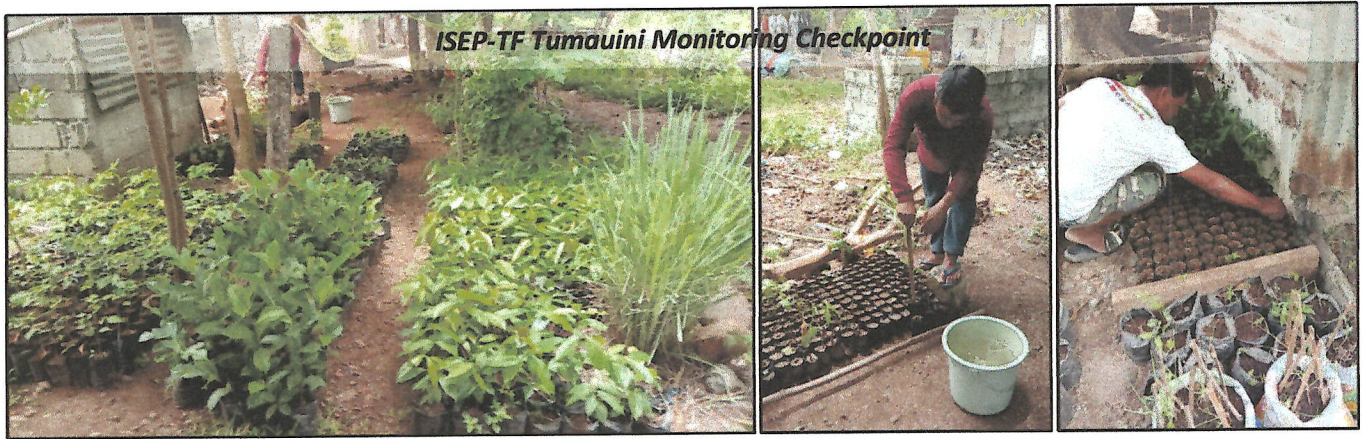


ISEP-TF Disipun Monitoring Checkpoint



ISEP-TF Benito Soliven Monitoring Checkpoint





Photos of the Activities conducted at the Provincial Nursery for the Month of June 2022.



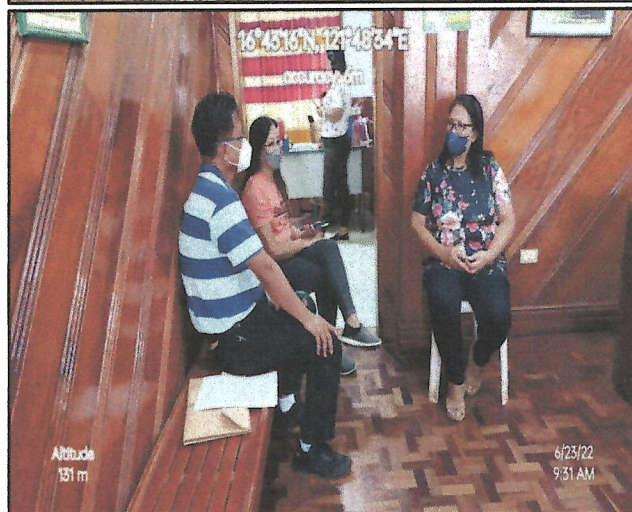
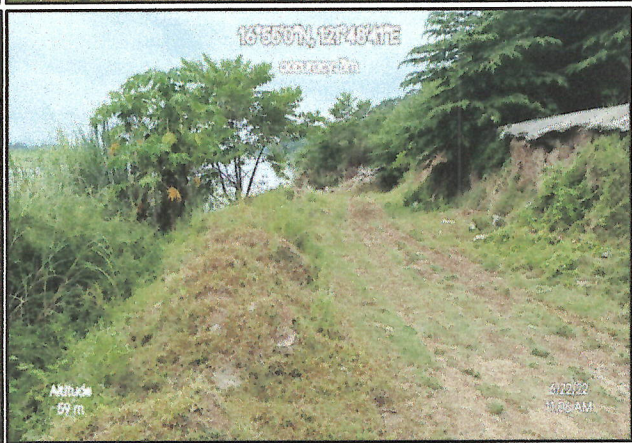


Some photos taken during the conducted nursery beautification and other maintenance activities.





PHOTO TAKEN DURING SITE INSPECTION AND VALIDATION OF PROPOSED AREAS FOR RIPARIAN REHABILITATION AND AGROFORESTRY DEVELOPMENT PROJECTS AT THE MUNICIPALITIES OF SAN GUILLERMO, SAN ISIDRO AND CAUAYAN CITY



Photos Taken During the Conduct of Joint Clean-Up Drive at Brgy. Kalabaza, Aurora, Isabela



Monitoring of MRF



Municipal MRF of Aurora



Brgy. Kalabaza, Aurora



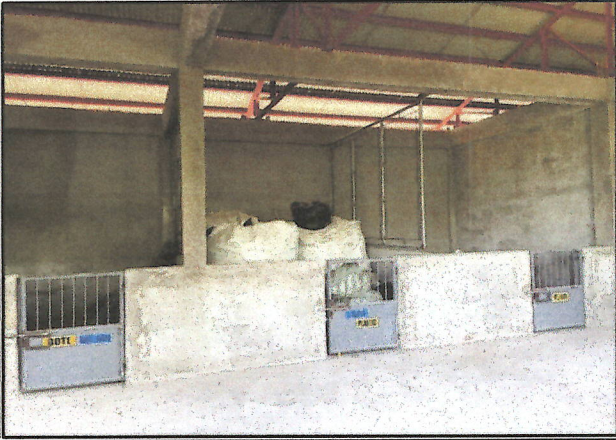
Monitoring of Municipal MRF and Sanitary Landfill Facility of Roxas



San Manuel Municipal MRF



Monitoring of RCA and on-going construction of SLF in the Municipality of Quirino



Namnama, Tumauni, Isabela Sanitary Landfill



Carmencita, Delfin Albano, Isabela Sanitary Landfill



Monitoring of Gamu Waste Disposal Facilities



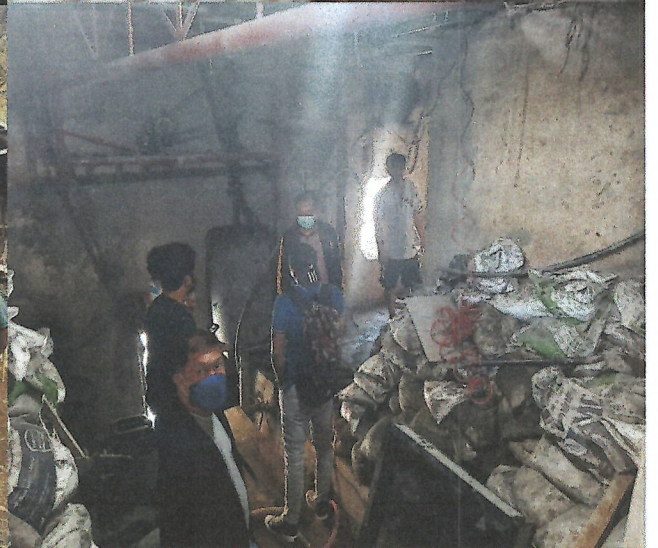
Joint Anti-Smoke Belching Campaign



Photos Taken During the Field Inspection/Verification of the Alleged Operation of Golden Summit Mining Corporation



Benchmarking Activities in the Established Minahang bayan within the Cordillera Administrative Region (CAR)



Photos taken during the conduct of clean-up drive dubbed as "TODAS DENGUE, TODO NA' TO (IKA SIYAM NA KAGAT)" with the ENR Personnel and ISEP-TF Operative Members.

