

# ENVIRONMENT AND NATURAL RESOURCES OFFICE

## 1. Nursery Operations & Maintenance Works

For the month under report, we have a total seedling stock of **40,772** which comprises the seedling stock balance as of June 30 and the **31,500** assorted forest and fruit-bearing seedlings procured and produced during the period. A total of 2,550 assorted seedlings and bamboo propagules were disposed: 1,000 during the conduct of Farmers' Congress at the Municipality of Burgos and 1,550 seedlings and bamboo propagules provided to requesting constituents. However, 5.17% mortality rate was incurred hence a remaining balance of **36,112** as of July 31, 2018.

### Inventory of Seedlings at the Provincial Nursery for the month of July 2018

Particulars	Previous Stock Balance (As of June 30, 2018)	Procured & Produced (June 2018)	Total	Disposed	Mortality	Remaining Stock Balance (As of July 31, 2018)
Forest Tree Seedlings	1,150	20,000	21,150	260	245	20,645
Fruit Tree Seedlings	1,896	11,500	13,396	1,905	397	11,094
Bamboo Propagules	6,226	-	6,226	385	1,468	4,373



Distribution of seedlings during the conduct of Farmers' Congress at the Municipality of Burgos.

## 2. Forest Protection and Law Enforcement

### a. Manning of Checkpoints

The ENR Office maintains eight (8) monitoring checkpoints located at strategic places and are manned by ENR personnel & ISEP-TF Operatives on a 24/7 basis to monitor the movement of forest products within the province. The following activities were also undertaken this reporting period:

1. Conducted surveillance, foot and mobile patrol on the assigned area of jurisdictions;
2. Acted and responded on tipster (SMS) reports regarding violation of PD 705; and
3. Continuous operation and maintenance of Sitio Lagis Nursery and Reforestation Areas along IDRRIP by ISEP-TF Operatives assigned thereat.

## ENVIRONMENT AND NATURAL RESOURCES OFFICE

For this month, a total of **20 pieces** of different species of CHW (Lumber and Flitches) with a total volume of **One Hundred Forty (140.00) board feet** and a total of **24 pieces** of Narra Flitches with a volume of **Six Hundred Nine and 75/100 (609.75) board feet** were apprehended in the conduct of forestry laws and enforcement activities thru the combined efforts of PGI-ENRO, ISEP-TF and partner agencies. These apprehended lumbers & flitches are under the custody of PGI-ENRO.

### ***b. Donation of Forest Products***

For this month, a total of **405 pieces** of Common Hardwood (CHW) species with corresponding volume of **Eight Thousand Eight Hundred Eighty One and 51/100 (8,881.51) board feet** were donated and utilized as shown in Table 2 below.



### **Donation and Utilization of Forest Products for the month of July 2018**

Particulars	No. of Pieces	Volume (board feet)
Andabuen Elementary School (Benito Soliven)	59	1,502.00
Tarpaulin Frame for BRO Livelihood	43	858.00
Brgy. San Fermin, Cauayan City	118	2,002.52
5 <sup>th</sup> Infantry Division, Philippine Army	30	503.33
Tarpaulin Frame Iglesia Ni Cristo	16	523.99
Maluno Integrated School Annex B (Benito Soliven)	62	1,502.00
Balliao Integrated School (Benito Soliven)	59	1,503.67
PGI Tarpaulin Frame	18	486.00

### **3. Climate Change Mitigation/Adaptation & Disaster Risk Reduction Management**

In the continuous preparation and implementation of the different activities under Climate Change Mitigation/Adaptation & Disaster Risk Reduction Management program, this office conducted series of coordination to the different municipal counterparts.

For the **Riparian Development Project** at Sto. Tomas, Isabela, this Office with the approval of the LGU, conducted a meeting last July 6, 2018 with the officials of the identified barangays. Held at the Office of the Municipal Mayor, the activity was attended by the Barangay Officials led by their respective Punong Barangays joined by the Municipal ENR Officer, Municipal DRRM Officer and the Acting SB Secretary as representatives of the LGU. The agenda presented include the rationale of the project and the responsibility of each stakeholder. Upon committing their participation and ensuring that the plantation shall be maintained and protected, it was unanimously agreed that the tree planting shall be conducted on July 20, 2018.

## ENVIRONMENT AND NATURAL RESOURCES OFFICE



On July 17-18, 2018, ENRO Personnel conducted and supervised the site preparation activities at the project area. To paved way on the declaration of June 20, 2018 as DRRM day, the actual tree planting activity was implemented on July 19, 2018. The activity started at 6:30 in the morning and was able to plant a total of 2,500 bamboo propagules along the 2.5-kilometer Cagayan River banks at 2-strips per kilometer.



The Local Government Unit of Sto. Tomas and Barangays Canyugan Norte, Ammugauan and San Rafael Abajo actively took part in the whole project implementation. And as agreed upon, maintenance activities shall be done by barangays and monitoring on the survival of the plantation shall be conducted monthly by this Office together with the LGU.

## ENVIRONMENT AND NATURAL RESOURCES OFFICE

For the **Agro-reforestation Project**, the Office coordinated with LGU Quezon thru their Municipal ENR Officer for the implementation of the project at Barangay Santos. After discussion on the activities to be undertaken, it was agreed upon that full implementation shall be done upon completion of fencing activity in the perimeter of the project area. Hence, tree planting was tentatively scheduled on the 20<sup>th</sup> of August, 2018.

For the **Mangrove Forest Rehabilitation Project**, this Office coordinated with LGU Divilacan thru their Municipal ENR Officer for the scheduling of project implementation at Barangays Dipudo and Dimasalansan. Considering the level of seawater during mangrove planting, it was decided that planting shall be held on the third week of August during low tide of neap tide.

For the **Beach Forest Rehabilitation Project**, the proposal has already been approved and ready for implementation at Barangay Maligaya, Palanan, Isabela. This Office is set to coordinate with the LGU for the final schedule of implementation.

Other approved project proposals set for implementation also include the following, to wit:

Project Title	Location
1.5-Hectare Watershed Rehabilitation Project	Abuan Watershed area within Villa Imelda, City of Ilagan, Isabela
2.0-Kilometer @ 3 Strips Riparian Project Development	Along Buyon Creek, San Fabian, Echague, Isabela
2.0-Kilometer @ 2 Strips Riparian Project Development	Along Cagayan River, Brgys. Gucab, Salay, Tuguegarao, Dugayong, Annafunan, Echague, Isabela
35.0-Hectare Reforestation and Agroforestry Establishment	So. Disipun and Sindun Bayabo Proper, City of Ilagan, Isabela

#### 4. Updating of Provincial 10-Year ESWM Plan

As part of the activities in updating of the 10-Year ESWM Plan of the province, the provincial government thru the ENR Office is continuously extending technical assistance to lower LGUs in their plan implementation and updating.

In response to a request from LGU San Isidro, this Office assisted in the conduct of actual Waste Analysis and Characterization Study (WACS) last July 17-18, 2018. Participants were randomly selected to include household from the 11 barangays, business sectors, educational institution, banking institution and non-government organizations.



## 5. Ecosystems Management

### a. Pollution Control Measures

Recognizing environmental consequences of developments to ecosystems management, the provincial government thru this Office has sustained implementation of pollution control measures thru establishment of carbon sink plantations.

In coordination with municipal counterparts from the Local Government Units of Quirino, Cordon and Delfin Albano, this Office conducted site identification for carbon sink plantation. Identified sites include Barangay Caquilingan, Cordon; Barangay Santiago, Quirino; and Barangay Carmencita, Delfin Albano.



Site inspection at Carmencita, Delfin Albano



Site inspection at Caquilingan, Cordon together with the CENR Officer of CENRO

## 6. Organic Fertilizer Production

For the month of July, the Vermi-composting Facility was able to produced One Thousand One Hundred Twenty (1,120) kilograms of premium organic fertilizer; hence a total of 3,880 kilograms was produced since January of this year.

## 7. Rehabilitation of Mineral-Extracted/Mined-out Sites

To sustain and maintain an ecological balance between resource utilization and environmental protection, the Provincial Government thru the ENR Office has implemented Riverbank Stabilization Project thru the utilization of Mine Rehabilitation Fund, a fee collected purposely for rehabilitation projects of mined-out sites.

This Office initially identified mined-out areas for rehabilitation. Among of the identified are the quarried areas at Barangay Banquero, Reina Mercedes; Barangay San Roque, San Mateo; and Barangay Rang-ay, Cabatuan. As an initial activity, site inspection was conducted to validate total length of stream bank to be rehabilitated.

## ENVIRONMENT AND NATURAL RESOURCES OFFICE



Site inspection at Barangay San Roque, San Mateo, Isabela.



Site inspection at Barangay Rang-ay, Cabatuan, Isabela.

As part of the maintenance activities for previously implemented stream bank rehabilitation projects, this office also inspected the project area at Barangay Casibarang Norte, Cabagan, Isabela where 95% survival rate was observed. Replanting shall be done in coordination with the Barangays Officials.



## ENVIRONMENT AND NATURAL RESOURCES OFFICE

### 8. Monitoring of Mineral/Quarry Operations

#### a. *Processing of Permit Applications*

For this month, there were **two (2)** applications received for **Commercial Sand and Gravel (CSAG) Permit** with corresponding administrative/processing fees collected by the Provincial Treasurer's Office amounting to **Twenty Two Thousand Six Hundred Sixty (Php 22,660.00) pesos only**.

Name of Permit Applicant		Location of Area Applied	Status of Requirements (As of July 31, 2018)
1	Carlan P. Dinaman	Lacab, Jones	Lacking: - ECC
2	Rofelin M. dela Cruz	Sinaoangan Sur, San Agustin	Lacking: - Sketch Plan - Zoning Certification - Mayor's Certification - Certificate of Projection from MGB - ECC

#### b. *Monitoring of Extraction Activities*

The ENRO Personnel and ISEP-TF Operative members conduct daily field monitoring in the different quarry areas province-wide. Monitoring reports together with the delivery receipts are submitted regularly in the office. In addition, a mobile team is also conducting its monitoring to validate submitted reports and ensure that the personnel are present in their designated area of responsibility.

For this month, **44,601.25 cu.m.** quarry resources were extracted representing **6,430.85 cu.m. Boulders, 7,685.40 cu.m. G1/S1 and 30,485.00 cu.m. Mixed Gravel**.

Together with personnel from the Provincial Treasurer's Office and simultaneous with the schedule of Farmers' Congress at the coastal municipalities of the province, this Office conducted coordination with municipal counterparts at the Local Government Units of Maconacon, Divilacan and Palanan in their compliance to **Executive Order No. 15 series of 2018** issued by the Honorable Governor. As a result, Programs of Work for projects implemented by LGUs awarded to private contractors were submitted at the Office of the Governor.



Divilacan, Isabela



Maconacon, Isabela



North Bay Construction



Palanan, Isabela

### ***c. Investigation/Settlement of Quarry and Mining Related Complaints***

With reference to a complaint forwarded by the Office of MASA MASID regarding the presence of an alleged illegal mining activity at Barangay Batong-labang, City of Ilagan, personnel from this Office conducted investigation on the subject area. Upon arrival at the site, the team ascertained the presence of an excavated portion with an estimated diameter of 1x1 meter with 9 meters depth. However, there was no activity during the inspection and the complainant was not able to show-up which prompt the team to contact the Association allegedly conducting the illegal activity. Accordingly, the excavation was intended for water supply for their proposed nursery project. Upon further interview, it was threshed-out that the main issue was due to property dispute between a certain Celia Mauricio Montes and Alma Pardo. It was then recommended for the Association to communicate with the claimants and get necessary permit for such activities.



### **9. Processing and Issuance of Certificate of Accreditation for Haulers/Dealers/Traders and Retailers of Mineral/mineral products and/or b-products**

For the month of July 2018, a total of **Sixteen (16)** haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to **Forty Thousand Three Hundred Twenty (Php 40,320.00) pesos** only.



## ENVIRONMENT AND NATURAL RESOURCES OFFICE

These accredited haulers/dealers/traders and retailers were issued with a total of **fifty five (55) accreditation stickers** conspicuously pasted in each of their trucks with corresponding amount of **Five Thousand Five Hundred (Php5,500.00) pesos only** paid to PTO.

### List of Accredited Haulers/Dealers/Traders and Retailers for the Month of July 2018:

Accreditation Permit No.	NAME	ADDRESS
0368	Ganie Construction rep by Samuel P. Ganela	Upi, Gamu
0373	Alexander S. Telan	Minanga, San Mariano
0374	Joel Maximo	Minuri, Jones
0375	Jomar M. Cascayan	Minuri, Jones
0376	Edgar F. Duran	Cabulay, Santiago City
0377	Syan Trucking Services rep by Amalia A. Pe	Sto Domingo, Alicia
0378	Golden Stone Construction and Development c/o Alvin Diaz Uy	Nappacu Pequeno, Reina Mercedes
0379	Vicente Pata Gravel & Sand c/o Vicente Pata	Rosario, Santiago City
0380	Ricci M. Bambico	Magsaysay, Naguilian
0381	Carlos E. Badua	Sta Filomena, San Mariano
0382	Douglas B. Ganaba	Carig Sur, Tuguegarao City
0383	Mabuhay Concrete Products	Plaridel, Santiago City
0384	JTM Construction	Purok Datu, Balanao, Tabuk City
0385	Rodolfo Almazan, Jr.	San Antonio, Delfin Albano
0386	Duphast Traiding & Construction	Alinguigan 2nd, City of Ilagan
0387	Jesus C. Cabrera	San Fabian, Echague

To date, a total of **Three Hundred Eighty Seven (387)** haulers/dealers/traders and retailers of sand and gravel and other quarry resources were already accredited by the provincial government.

### 10. Information Education and Communication (IEC) Activities

**July 12-16, 2018** – Concerned ENR personnel together with DENR-CENRO Naguilian, PNP-Isabela, and Philippine Army conducted joint Information, Education, and Communication (IEC) Campaign and issued final notice to the illegal settlers to vacate occupied areas along the vicinities of Ilagan-Divilacan Road Rehabilitation and Improvement Project. The team conducted dialogues to identified settlers of So. Lagis and So. Disipun and explained the purpose of the dialogue which is to inform the settlers to vacate their occupied areas. After which, issuance of final notice took place.



## 11. Other Activities

### a. *Trainings and Seminars*

- Watershed Management Training (South Korea) - The ENR Officer together with two office personnel together with personnel from NIA and City LGU of Ilagan attended training on Watershed Management (Reforestation) in the Philippines conducted by Korea Rural Community Corporation (KRC) held on July 24 to August 02, 2018 at South Korea.



### b. *Meetings and Convergence*

- Attended the Municipal DRRM Council and Solid Waste Management Committee meeting of LGU Cabagan in response to their invitation. Personnel of this Office provided updates on activities in relation to RA 9003 compliance.



# ENVIRONMENT AND NATURAL RESOURCES OFFICE

## c. DRRM Day

In the observance of Disaster Risk Reduction & Management Resiliency Month and in line with Executive Order No. 17 series of 2018 issued by the Honorable Governor declaring July 20, 2018 as DRRM day in the province, personnel of this Office conducted clean-up and pruning activities at the assigned areas from Marana 1<sup>st</sup> to Upper Manaring, City of Ilagan, Isabela. Activities in the area of responsibility were jointly conducted with the personnel of the Provincial Assessor's Office.



Consolidated by:

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CDA I

Attested:

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