

FOREST MANAGEMENT AND CONSERVATION DIVISION

A. Forest Resources Development Activities:

1. Nursery Operations & Maintenance Activities

For the months under report, we have a seedling stock of **82,154** assorted fruit-bearing, forest trees and bamboo propagules. A total of 3,136 seedlings have been disposed to different requesting institution and individuals. Despite inevitable weather conditions, seedling mortality incurred was only minimal at 2.12% equivalent to **1,745** seedlings. The remaining stock balance as of June 30, 2019 at the Provincial Nursery is **77,273**. Maintaining the nursery are three laborers contracted thru Job Order supervised by one (1) technical personnel.

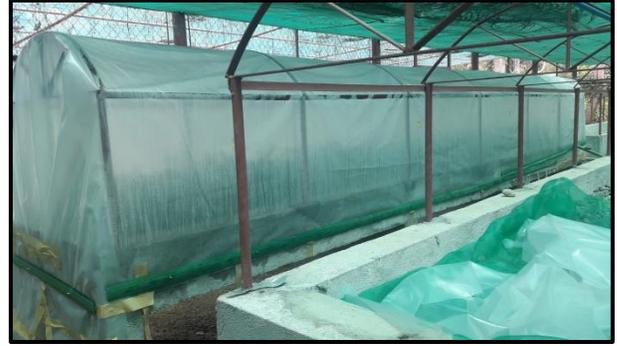
Table 1. Inventory of Seedlings at Provincial Nursery from April to June 30, 2019

Particulars	Stock Balance (Mar. 31, 2019)	Procured and Produced	Total	Disposed	Mortality	Stock Balance (June 30, 2019)
Forest tree seedlings	56,113	-	56,113	993	271	54,849
Fruit tree seedlings	19,332	-	19,332	1,643	1,324	16,365
Bamboo	1,529	-	1,529	-	-	1,529
Niyog	5,180	-	5,180	500	150	4,530

Following the Hands-on Training on Clonal Nursery Operation and Maintenance, this Office thru the personnel assigned in the Provincial Clonal Nursery started its operation on April 11, 2019. After series of activities in preparing the rooting chamber, actual cloning activity began on April 26, 2019 with Narra and Molave shoots as initial forest trees species cloned.



With 12 rooting chambers with the maximum of 13,200 seedlings per chamber, the nursery can produce at most 13,200 seedlings per cycle. With four (4) months per cycle, the nursery can produce at the least 50,000 seedlings per year.



This Office also accommodated the request of the Local Government Unit of Divilacan requesting for a Hands-on Training on Clonal Nursery. Held last May 15-17, 2019, three (3) technical personnel of LGU Divilacan under the Municipal ENR Office were trained in the different activities of clonal propagation and maintenance.



New as it maybe, the Provincial Clonal Nursery has now started to achieve one of its objective which is to serve as learning facility for agencies and institutions who are interested in cloning.

2. Climate Change & Mitigation/Adaptation & DRRM Measures thru Forest Landscape Restoration and Coastal Resource Management Program

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.

a. Reforestation

In coordination with the Municipal ENR Officer, this Office conducted site evaluation of the proposed area for Reforestation at Sitio Namnama, Barangay Santos, Quezon, Isabela. Together with the staff of MENRO, the six (6) hectares proposed area is within the 25 hectares Municipal Tree Park developed and maintained by the Local Government Unit. As observed, fences are already constructed in the periphery, wherein bamboo and Madre de Cacao cuttings were used in some portion. High survival was observed in areas within the Park which are planted with Narra, Molave and Mango. Round weeding and mulching as part of maintenance activities were evidently implemented. Hence, it was recommended that the proposed area be adopted under the Reforestation Project of the Provincial Government. Further, native tree species such as Narra and Molave seedlings shall be planted since same species within the area indicated high survival per observations.



Photo of the proposed area for Reforestation.

b. Agro-forestry Development

Prior to area evaluation, this Office coordinated with Local Government Units of Jones and Echague thru their Municipal ENR Officers for their proposed areas for Agroforestry Project.

For LGU Jones, the MENRO proposed Sitio Dimalucog, Barangay Sto. Domingo, an Integrated Social Forestry (ISF) area and presently occupied by some Ifugaos whose main crops are bananas. Accordingly, these informal settlers are very much willing to plant fruit and forest trees hence the proposal for Agroforestry Development project. On the other hand, LGU Echague proposed two (2) barangays, however, he has made mentioned only of Barangay Mabbayad since the other area is still for verification. Further, he suggested coordination be made with the barangay officials prior to the conduct of ocular visit.

For proper project implementation, both LGUs were informed and requested to assist the Provincial Government in the extension of technical assistance and conduct regular monitoring on the development and improvement of the project, particularly the farmer-beneficiaries.

c. *Riparian Rehabilitation & Development*

In coordination with the Local Government Unit of Benito Soliven thru their Municipal DRRM Officer, this Office conducted site evaluation on their proposed area for Riparian Rehabilitation at Barangay Yeban Norte, Benito Soliven. Together with the MDRRM Officer, her staff and the Punong Barangay of Yeban Norte, we proceeded to the area briefing us that the site is one of the identified landslide prone-area in the municipality due to the uncontrollable farm tilling at the upper portion. Accordingly, efforts has already been initiated to stabilize the soil erosion thru tree planting however, those were still not enough hence requested for the assistance of the Provincial Government thru the ENR Office for the rehabilitation of a 10-meter buffer zone between the farm area and the cliff with a length of 2.5 kilometers by planting bamboo propagules.



Portion of the area where massive soil erosion occurs.

Based on ocular evaluation, this Office informed the LGU that the activity proposed does not fall under the Riparian Rehabilitation project since it is not along a water body. Nevertheless, it was recommended that the area be considered under Agroforestry or Urban Greening. And since it is also characterized by a creek traversing the approximately 15 hectares farmland, it was recommended that riparian rehabilitation be undertaken along the said creek.

d. *Mangrove Forest Rehabilitation*

Upon approval of the project proposal, this Office conducted series of coordination with LGU Maconacon thru their Municipal ENR Officer for the implementation of the 2-hectare Mangrove Rehabilitation Project at Barangay Reina Mercedes, Maconacon. As scheduled, personnel of this Office proceeded to the area last May 27, 2019 to conduct project inspection. However, according to the partner implementer and the Municipal ENR Officer, the project has yet to be implemented because the mangrove seedling/propagules produce were not yet hardened enough for out-planting. Further we were informed that the project plantation shall be established on the first week of June.



ENVIRONMENT AND NATURAL RESOURCES OFFICE

As committed, the contracted Job Order worker, with the supervision of the LGU counterpart, implemented the site preparation and planting of the mangrove rehabilitation project last June 3-8, 2019. A total of 5,000 seedlings of *bakawan* sps. were planted in patches totaling to 2-hectares mangrove area which accordingly were damaged by the previous typhoons.



Some of the photos taken in the implementation of the 2-hectare Mangrove Rehabilitation Project at Barangay Reina Mercedes, Maconacon, Isabela

This Office initially scheduled the conduct of project inspection and evaluation on August to validate the implementation of project maintenance and protection as part of the activities contracted.

ENVIRONMENT AND NATURAL RESOURCES OFFICE

On the other hand, the Local Government Unit of Divilacan thru their Municipal ENR Office also submitted photo documentation of the rehabilitated Mangrove Forest at Barangays Dimasalansan and Dipudo implemented last year of 2018. Committed to assist the Provincial Government in ensuring the development of established projects, maintenance and protection activities of the contracted laborers were monitored by the LGU.



Photos of the Mangrove Rehabilitation Project established last August 2018 at Barangay Dimasalansan, Divilacan, Isabela

e. Beach Forest Rehabilitation

The Provincial Government thru the Environment and Natural Resources Office has already initiated the implementation of beach forest rehabilitation project in the previous year wherein the Municipality of Palanan was identified as recipient. The LGU thru the Municipal ENR Office has identified a 15-hectare beach area for rehabilitation located at Sitio Sabang, Barangay Maligaya, Palanan. In partnership with the LGU-MENRO, an initial 1-hectare was adopted by the provincial government last 2018 wherein the seedling requirement and the social mobilization for the establishment, maintenance and protection for the first year was provided. This aimed to involve locals thru provision of livelihood. On the other hand, the LGU committed for the maintenance and protection for the succeeding years with regular monitoring of this Office.

The improvement of the initial 1-hectare Beach Forest at Sitio Sabang developed a partnership between the Provincial and Municipal LGU, and aimed further for the expansion of the plantation through the implementation of a successive Beach Forests Rehabilitation project at the said area. For this year, an additional two (2) hectares was rehabilitated thru a Memorandum of Agreement (MOA) between the Provincial Government of Isabela (PGI) and Local Government Unit of Palanan (LGU Palanan) wherein the PGI provided for the seedling requirements and LGU Palanan conducted the plantation establishment, maintenance and protection activities as their counterpart. Said MOA was initiated to further strengthen partnership with the LGU assisting them in their compliance to national requirements on CCM/A & DRRM. The approved project cost amounting to P159,500.00 represented costs for seedling procurement and field implementation, monitoring and supervision. For this project, 5,500 seedlings were procured to include the 10% mortality allowance used for maintenance. The plantation establishment activities were held on April 2-5, 2019 by personnel of LGU-MENRO. A total of 5,000 Botong, Talisai and Agoho seedlings were planted with a spacing of 2 meters x 2 meters.



Talisai, Botong and Agoho seedlings planted in the 2-hectare project plantation.

Last May 27-28, 2019, personnel of this Office conducted site inspection of the Beach Rehabilitation Project plantation together with the Municipal ENR Officer and the personnel assigned in the area. Results of the inspection were as follows, to wit:

ENVIRONMENT AND NATURAL RESOURCES OFFICE

1. For the 2-month old plantation, the survival rate is estimated to be at 98% to 100%. This can be attributed to the favorable weather conditions in the area and the presence of regular personnel assigned in the plantation;



2. Sturdy seedlings are generally observed with the Botong seedlings; Talisai and Agoho seedlings showed resiliency despite sluggish growth which is common to the development characteristics of the said species;



3. Maintenance and protection activities are regularly conducted particularly replanting. As of date of inspection, a total of 150 seedlings were already replanted. Non removal of weeds is part of protection to help maintain moisture surrounding the planted seedlings.



ENVIRONMENT AND NATURAL RESOURCES OFFICE

Following the inspection, this office also evaluated the 1-hectare plantation established last October 15-20, 2018 as part of the monitoring. The plantation is now evidently visible as the planted seedlings have improved in height. Maintenance and protection activities implemented by the LGU thru MENRO worked effectively with the current favourable weather conditions.



Above: Photo taken last November 11-12, 2018, three (3) weeks after establishment and almost two (2) weeks after the wrath of Typhoon Rosita.

Below: Photo of the seven (7) month old plantation taken last May 27, 2019.



The improvement of these beach forest areas previously destroyed by series of typhoons is a product of the commitment of both the Provincial and Municipal LGU with the common goal of protecting the coastal communities and its resources against disasters caused by the changing climate.

3. *Activities Undertaken in Support of IDRRIP*

For the months under report, there were 2 reported incidence of forest fire occurred at the IDRRIP Reforestation areas at Sitio Disipun, Sindon Bayabo, City of Ilagan and at the Trailer Km. 21 of Ilagan-Divilacan Road. As initial response, ISEP-TF operative members immediately proceeded to the areas and attempted to stop the fire from spreading through setting fire lines. However, the incidence brought damages to the 110 hectares plantation with an estimated 80-85% of the area burned.

In coordination with partner agencies, the Provincial Government thru this Office conducted investigation and the following were implemented, to wit:

- For the forest fire occurred at Sitio Disipun Reforestation area, based on initial investigation made by ISEP-TF, the forest fire occurred when a certain man named “Ka Benjie (Domingo Barroga)” started to burn the grasses around his nursery area near the vicinities of the reforestation area but then due to the winds he could no longer control the fire which eventually spread throughout the reforestation area. Personnel of this Office tried to communicate with the man who allegedly started the fire in his nursery during the site visit but to no avail since he had not yet returned in his hut since the fire incident took place. This Office invited the said man through a letter for him to explain his side on the matter. On May 10, 2019, Mr. Domingo Barroga appeared in this Office together with some company. A dialogue between them and the ENR Officer and personnel was conducted. Mr. Barroga admitted the truthfulness of the report. He reiterated that he tried to do his best to control the fire but to no avail. He then asked for forgiveness from the ENR Officer and humbly stated that it was not his intention to burn the reforestation area. Moreover, he ensured the ENR Officer that he is committed and willing to help to the best of their abilities in the replanting of the reforestation area.
- For the forest fire occurred at Km. 21 (Trailer) Reforestation area, ISEP-TF operative members together with some personnel of the OPE who responded to the incidence went to the inner portion of the reforestation area and saw some individuals who immediately fled upon seeing them. The personnel tried to chase them but they were not able to follow the individuals as they ran quick to the inner part of the forest. Accordingly, some of the said individuals seen were Indigenous People (Agtas) based on their physical features. The team did not leave the area until the fire subsided in the afternoon.

Since the inception of the project, the area along the road became susceptible to immigration of informal forest occupants despite constant notice issued by the Provincial Government prohibiting settlements along the road and its vicinities. Moreover, presence of these illegal occupants is one of the identified threats of continuous forest degradation in the area due to land conversion from forest to agricultural. Series of dialogues were conducted to address the issues and as a result, illegal occupants at Sitios Lagis and Disipun were relocated to circumvent occurrence of same incidence.

On the other, the Provincial Government has also started to rehabilitate the damage of the forest fire. Initially, this Office supervised the conduct of site preparation of the burned plantation area which is scheduled to be replanted on August 2019. In partnership with the Provincial Social Welfare and Development, hired workers were

the beneficiaries of the Cash for Work Program. Activities done were hole-digging, staking and fertilizer application; site prepared has a corresponding area of 50 hectares at Sitio Disipun Reforestation site.



B. Forest Protection and Law Enforcement:

1. Manning of Checkpoints

Among the six (6) checkpoints manned and maintained 24/7 by ISEP-TF Operatives, only the roving team and those assigned at Patrol Base Camp in Sitio Lagis concentrate on forest protection as the others were assigned to man different quarry outlets province-wide. The teams conducted surveillance, foot and mobile patrolling to detect occurrence of illegal gathering and transport of forest products. Members of the Roving team and those aside at the Sitio Lagis Patrol Base Camp assisted in the conduct of relocation activities for the informal settlers along the Ilagan-Divilacan Road.

2. Apprehension/Confiscation of Illegally Gathered/Transported Forest Products

For the months under report, the ISEP-TF Operatives confiscated 15 pieces Narra flitches with a volume of 224.24 board feet and 45 pieces CHW with a volume of 986 board feet illegally gathered and transported forest products as a result of continuous forest protection activities implemented

3. Donation of Forest Products

A total of **425** pieces equivalent to **7,177.01** board feet of common hardwood species were donated for the restoration of various provincial government facilities.

C. Inventory of Forest Occupants

As one of the regular activities, an inventory of forest occupants was conducted at Sitio Disipun and Sitio Lagis, Sindon Bayabo, City of Ilagan, Isabela on April 24 – 26, 2019. This was also conducted to serve as database in the implementation of identified programs, projects and activities in support to the affected families and individuals in the enforcement of environmental protection and conservation within the vicinities of Ilagan-Divilacan Road Rehabilitation and Improvement Project.



ENVIRONMENTAL MANAGEMENT DIVISION

A. Search for the Most Environment Friendly Barangays

In preparation for the 2019 Search for the Most Environment-Friendly Barangays in the province, the provincial government thru the ENR Office conducted series of meetings with City/Municipal counterparts for the updates on the conduct of the Search.



During the 2nd Regular Meeting of the Isabela League of Local Environment and Natural Resources Officers (ILLENRO) on April 24, 2019, this Office thru the Environmental Management Division presented the Criteria of the Search. To fully attain the objective of the Search, members of ILLENRO being the representative of Local Chief Executives as members of the Provincial Solid Waste Management Board (PSWMB), enhanced the criteria coming up with a more defined standards based on the mandate of RA 9003. Following the adoption of the enhanced criteria, the Provincial Governor officially invited all the Local Government Units to submit their Official Entry to the 2019 Search for the Most Environment-Friendly Barangays. As of May 31, 2019, this Office received eight (8) entries out of 36 LGUs. The deadline of submission was extended until June 14, 2019.



This Office received 13 final entries for this year's search. During the 3rd Regular Meeting of ILLENRO last June 19, 2019, the 13 LGU finalists and other LGUs present thru their city/municipal ENR Officers were briefed with the schedule of the conduct of field validation and other activities concerned. As a way of transparency, the chronological schedule of the finalists for the validation was done by draw-lots. On June 26, 2019, the Board of Evaluators were convened for the schedule hence; the actual evaluation shall commence on July 4 to 31, 2019.

To further assist the LGUs, personnel of this Office also offered to extend technical assistance to requesting LGUs in their conduct of municipal-wide Search for Eco-waste Friendly Barangays. Recently, personnel of this Office served as member of the Assessment Team in the conduct of 2019 Search for the Most Eco-Waste Friendly Barangays of the Municipalities of Quezon and Cabagan, Isabela.

B. Updating of the Provincial 10 – Year Ecological Solid Waste Management Plan

In compliance to the provision of RA 9003 known as the Ecological Solid Waste Management Act of 2000, the Provincial 10-year ESWM Plan is updated based on the submitted individual plans of its component cities and municipalities. With the aim to come-up with sustainable programs, projects and activities for the plan implementation, the Provincial Government thru the ENR Office assisted in the updating of individual plans thru technical and material extension for the conduct of Waste Analysis and Characterization Study (WACS) of requesting municipalities.

In response to the request of the Local Government Unit of Alicia, an actual WACS was conducted last April 30 to May 2, 2019. Prior to the said activity, a pre-orientation was held last April 23, 2019 to ensure that the barangays understood and shall properly execute the technicalities of collecting wastes to be used for the WACS.



Conduct of the Pre-Orientation Workshop on April 23, 2019.



Actual conduct of WACS on April 30 to May 2, 2019.

C. Vermi-composting Facility

From April to June, 2019, a total of **Three Thousand Eight Hundred (3,800) Kilograms of vermicast organic fertilizer were produced** at the facility with the continuous collection of organic matter. On the other hand, a total of **4,295 kilograms** were released to various requesting individuals and partner agencies specifically the Office of the Provincial Agriculturist maintaining the Provincial Vegetable Nursery and DENR-PENRO.

The Organic Garden is still maintained and being developed utilizing the organic fertilizer produced. The facility is manned by two Job-Order workers and supervised by one (1) technical personnel.

D. Ecosystem Management

a. Clean-up Drives

One of the regular activities of the Provincial Government thru this Office is the conduct of clean-up drives along oceans, rivers and/or creeks. This activity aimed not only to keep major waterways from wastes but to involve and build partnership with immediate partner agencies and communities in implementing environmental laws and regulations such as the Philippine Clean Water Act.

In time with the Celebration of the Philippine Ocean Month, this Office spearheaded a Coastal Clean-Up Activity at Divilacan, Isabela. In coordination with the Local Government Unit of Divilacan thru the Municipal ENR Office, the activity was held along the beach at Barangay Dimapula last May 31, 2019. The event was participated by representatives of LGU Divilacan and the active youth members.



b. Pollution Control Measures thru Carbon Sink Plantation

In coordination with LGU counterparts, this Office initially identified two areas for the establishment of Carbon Sink Plantation: Barangays Carmencita, Delfin Albano and Ballacayu, San Pablo, Isabela. After series of coordination with the concerned LGUs and site evaluation, the project proposal submitted was approved and shall be implemented this July 2019.

ENVIRONMENT AND NATURAL RESOURCES OFFICE

MINERAL RESOURCES MANAGEMENT DIVISION

A. Commercial Sand & Gravel Permit

For this Month of June 2019, this office received **One (1)** CSAG Permit Application from Sinamar Norte, San Mateo, Isabela with corresponding administrative/processing fees collected by the Provincial Treasurer's Office amounting to **Eleven Thousand Three Hundred Thirty Three (Php11,330.00)** pesos only.

Table 2. List of CSAG Permit Applicant from May-June, 2019

	Name of Applicant	Location of Applied Area	Area (has)	Status
1	Jerome O. Liclican	Sinamar Norte, San Mateo	1.95	In Complete

B. Accreditation of Haulers

From April to June, 2019, an additional thirty one (31) haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to **Seventy Eight Thousand One Hundred Twenty (Php 78,120.00)** pesos only.

These accredited haulers/dealers/traders and retailers were issued with a total of **Ninety Seven (97) accreditation stickers** conspicuously pasted in each of their trucks with corresponding amount of **Seven Thousand Nine Hundred (Php9,700.00)** paid to PTO.

Table 3. List of Additional Accredited Haulers/Dealers/Traders and Retailers from May-June 2019:

Accreditation Permit No.	NAME	ADDRESS
367	Jan Francis O.Pua	Centro 3, Luna
368	WB Truckline Enterprises rep. by Wilson M. Balingao	San Luis, Cauayan City
369	Ines S. Cabaccan	San Isidro, City of Ilagan
370	Angelito S. Yu	Tangcul, City of Ilagan
371	Cinderella M. Gatan	Casibarag Sur, Cabagan
372	Independencio C. Sibbaluca rep. by Emily S. Santos	Guinatan, City of Ilagan
373	Edison M. Pascual	Fugo, Jones
374	Maria Ana Corazon Pasion Gerardo	Bliss Village, City of Ilagan
375	Albino Bautista	Saranay, Cabatuan
376	Marvin A. Reosia	San Andres, City of Ilagan
377	Rosito S. Bagunu, Jr.	Canogan Abajo Norte, Sto. Tomas
378	JM Ramos Store and Hardware	Rizal, Delfin Albano
379	Apolinario G. Datu	San Paldo, Aurora
380	RVCP Builders and Services c/o Ma Victoria C. Po	Sillawit, Cauayan City
381	CA Enterprises c/o Randy C. Abello	Battal, Santiago City
382	Roberto M. Mingming	Sta. Felomina, San Mariano
383	MGC Construction Supply c/o Angelica C. Asuncion	Esperanza East, Aurora
384	Fermin S. Lusong	Ragan Sur, Delfin Albano
385	Daniel P. Bulayang	Marcos, Roxas
386	Jefferson G. Mariano	San Roque, San Mateo
387	Zenia Sally P. Daguio	Victory Norte, Santiago City

ENVIRONMENT AND NATURAL RESOURCES OFFICE

388	Hanival D. Fulgencio	San Andres, City of Ilagan
389	Danny Ortiz	Villa Cruz, San Mateo
390	Jose T. Uy	Cab. 27, City of Ilagan
391	ATM Gas Station rep. by Aeron Malenab	Naguilian Sur, City of Ilagan
392	Jomar Bernal	Salvacion, Alicia
393	Antonito L. Samaniego, Jr.	Calaocan, Santiago City
394	Joana May A. Madrid	Alinguigan 2 nd , City of Ilagan
395	Carlos D. Dimal	Malapat, Cordon
396	Romeo C. Gatan	Lulllutan, City of Ilagan
397	MV Ballesta c/o Ymanuel V. Ballesta	Donya Paulina, San Isidro

C. Site Verification and Inspection of Mining/Quarry Sites

a. Field Monitoring of Quarry Areas

For the months under report, monitored sand and gravel extraction are as follows:

For the month of April 2019, **45,613.18 cu.m.** mineral and quarry resources were extracted representing **4,815.18 cu.m.** Boulders, **6,713.00 cu.m.** G1/S1, **32,319.00 cu.m.** Mixed Gravel and **1,766.00 cu. m.** Ordinary Earth with corresponding gross tax amounting to **One Million Seven Hundred Fifty One Thousand Sixty Four pesos and 90/100 (Php 1,751,064.90) only.**

For the month of May 2019, **56,891.00 cu.m.** mineral and quarry resources were extracted representing **3,790.02 cu.m.** Boulders, **9,338.00 cu.m.** G1/S1, **41,147.50 cu.m.** Mixed Gravel and **2,616.00 cu.m.** Ordinary Earth with corresponding gross tax amounting to **Two Million One Hundred Forty Seven Thousand Three Hundred Three pesos and 60/100 (Php2,147,303.60) only.**

For the month of June 2019, **62,586.74 cu.m.** mineral and quarry resources were extracted representing **5,261.74 cu.m.** Boulders, **5,024.00 cu.m.** G1/S1, **50,811.00 cu.m.** Mixed Gravel and **1,490.00 cu.m.** Ordinary Earth with corresponding gross tax amounting to **Two Million One Hundred Forty Seven Thousand Three Hundred Three pesos and 60/100 (Php2,338,560.70) only.**

In summary, a total of **165,090.92 cubic meter** mineral and quarry resources were monitored to have been extracted from **April 1, 2019 to June 30, 2019.** This represents **13,866.94 cu.m.** Boulders, **21,075.00 cu.m.** G1/S1, **124,277.50 cu.m.** Mixed Gravel and **5,872.00 cu.m.** Ordinary Earth with corresponding gross tax amounting to **Six Million Two Hundred Thirty Six Thousand Nine Hundred Twenty Nine pesos and 20/100 (Php6,236,929.20) only.**

b. Investigation/Settlement of Quarry & Mining Related Complaints

➤ **Jones, Isabela**

This Office received a letter complaint from residents of Barangay 2, Jones, Isabela regarding the impact of sand and gravel extraction near their properties. Accordingly, extraction activities are done near their farms which may lead to farm soil

erosion and the houses along the road going to the extraction sites are affected by the dump trucks passing.

In response, personnel of this Office conducted ocular inspection together with LGU counterparts from Municipal ENR Office and the Barangay Officials of Barangay 2. This was followed by a dialogue with the complainants held at the Office of the Municipal Trial Court, Municipal Hall of Jones on April 25, 2019. After the meeting, issues were clarified hence agreed on the following, to wit:

1. Rerouting of road going to and from the extraction site shall be done so as to avoid negative effects on houses along the current road;
2. Relocation and re-determining boundary of approved quarry area thru concrete monumenting;
3. Maintain strict compliance to “No Overloading of Aggregates” and speed limit of haulers;
4. Conduct regular water sprinkling of road to minimize/eradicate dust pollution ; and
5. Implementation of quarry area rehabilitation by the permit holder/applicant.

ENVIRONMENT AND NATURAL RESOURCES OFFICE

INFORMATION, EDUCATION & COMMUNICATION (IEC) ACTIVITIES

A. Aral Kalikasan sa Eskwela at Barangay

Aral Kalikasan sa Eskwela at Barangay – a behavioural change communication strategy of the Provincial Government of Isabela, aims to increase level of awareness among its participants and motivate them to act and do something about prevailing environmental phenomena. Specifically, it focuses on issues concerning Climate Change, Biodiversity Conservation, Ecological Solid Waste Management and Mineral Resources Management. Presentations made were on Forest Landscape Restoration and Coastal Resources Management project initiatives in support to Climate Change and Biodiversity Conservation, RA 9003 implementation on solid waste management and Provincial Ordinance No. 5 in relation to Mineral Resources Management.

For the months under report, a total of 252 participants attended the IEC activities comprising of municipal counterparts, barangay officials and constituents of the following barangays, to wit:

Date	Barangay	No. of Participants
May 27, 2019	Reina Mercedes, Maconacon	51
May 28, 2019	Dicaruyan, Divilacan	40
May 29, 2019	Dicambangan, Divilacan	40
May 30, 2019	Sapinit, Divilacan	31
June 18, 2019	Poblacion 1 & Poblacion 2, Sta. Maria	94



Some of the photos taken during the conduct of IEC at the Municipalities of Maconacon and Divilacan last May 27 to 30, 2019



Photos taken during the IEC activity at the Municipality of Sta. Maria last June 18, 2019

OTHER ACTIVITIES

- A. The Provincial Government of Isabela thru this Office and the members of the Isabela Environment Protection Task Force Operative actively joined in the **Celebration of International Earth Day** thru the conduct of nursery activities, beautification of ENRO compound and construction of compost heaps at the Provincial Nursery and organic garden compound on April 22, 2019.



- B. Attended the **Workshop on the Participatory and Consultative Project Development Towards the Sustainable Development and Protection of the Tumauni Watershed Natural Park** held on April 26, 2019 at the DENR - CENRO Cabagan, Isabela.

This workshop is an initiative of the Peoples' Organization (PO) with the assistance of other stakeholders for the creation and implementation of the Tumauni Watershed Natural Park Sustainable Development and Protection Plan. The planning focused on addressing the identified threats within the Natural Park to further strengthen the efforts currently implemented. The PO members, with identified areas for rehabilitation and agroforestry establishment areas, requested the Provincial Government of Isabela to consider the area for future project intervention. To address the request, the PO and the concerned DENR-CENRO personnel were informed that the proposed rehabilitation areas should not be within National Greening Project (NGP) areas to avoid duplication. Nevertheless, the Park shall be considered for the various reforestation activities of the Provincial Government. Other requests include technical assistance on skills enhancement and conduct of massive information, education & communication activities.

ENVIRONMENT AND NATURAL RESOURCES OFFICE

- C. Attended the **Orientation Meeting on Executive Order No. 70, series of 2018 Institutionalizing the Whole-Nation Approach in Attaining Inclusive and Sustainable Peace, Creating a National Task Force to End the Local Communist Armed Conflict, and Directing the Adoption of a National Peace Framework** held at Piazza Zicarelli, Gamu on April 30, 2019.
- D. Participated in the **Celebration of Ocean Month thru the conduct of Coastal Clean-Up Drive and Information, Education and Communication (IEC) Activity** at Barangay Culasi, Palanan, Isabela on May 27, 2019.



- E. In support to the Department of Education's **Brigada Eskwela Program**, this Office rendered voluntary services at Bagong Silang Elementary School and Isabela School of Arts and Trades last May 21, 2019 and May 24, 2019, respectively.



- F. The Provincial Government of Isabela thru this Office joined in the **Celebration of World Environment Day** thru the conduct of a Fun Run dubbed as "EnviRUNment: Takbo Para sa Inang Kalikasan". The 5km run commenced from the Queen Isabela Park, Alibagu and concluded at

ENVIRONMENT AND NATURAL RESOURCES OFFICE

the DENR-PENRO, Osmeña, City of Ilagan with a brief program. Participants came from the different partner agencies, local government units and other private institutions.



- G. Attended the **Mining Forum 2019** with the theme “**Creating Opportunities to Engage Stakeholders: A Relevant View on Responsible Mining Practices**” and the **9th Provincial Mining Regulatory Board Summit** conducted by the Mines & Geo-Sciences Bureau (MGB) Region 02 last June 19-20, 2019 at Zen Hotel, Santiago City.



Consolidated by:


JOYCE N. CABALONGA
CDA I

Attested:


GERONIMO P. CABACCAN, JR.
ENR Officer