

FOREST MANAGEMENT AND CONSERVATION DIVISION

I. NURSERY OPERATIONS & MAINTENANCE

From January 2018 to December 2018, a total of **64,206 assorted fruit and forest tree seedlings** both sexually and asexually propagated including the bamboo propagules were procured and produced and taken cared of at the Main Provincial Nursery Capitol Compound to include the **27,298** remaining stock balance from 2017. A total of



15,675 assorted seedlings were disposed and distributed to different public and private entities such as Municipal and Barangay LGUs, POs/NGOs/Cooperatives, schools, other government agencies like the Philippine Army and Philippine National Police in support to our greening and riparian activities. It also catered the planting materials distributed during the conduct of Farmers' Congress totaling to **11,000 assorted seedlings**. However, due to some unavoidable circumstances such as dumping off caused by excessive rains, flooding of pot beds and the damages caused by Typhoons Ompong and Rosita, we incurred around **22.57% mortality** rate equivalent to **14,491 assorted seedlings**. The remaining seedling stock balance as of end of December, 2018 is **23,040 composed of 7,194 fruit-bearing tree seedlings, 13,547 forest tree seedlings, and 1,579 bamboo propagules**.

Table 1. Inventory of Seedlings at Provincial Nursery as of December 2018

Particulars	Previous Stock Balance	Procured & Produced	Total	Disposed	Mortality	Remaining Stock Balance
Fruit Trees Seedlings	14,515	15,558	30,073	17,917	4,242	7,914
Forest Trees Seedlings	2,223	21,350	23,573	4,737	5,289	13,547
Bamboo Propagules	10,560	-	10,560	4,021	4,960	1,579

On the other hand, Lagis Reforestation Nursery is being maintained to ensure that planting stock for the reforestation project is sustained in support of the Ilagan-Divilacan Road Rehabilitation and Improvement Project (IDRRIP). Hence, this Office, in coordination with the Provincial Engineers Office started drilling sometime in August and estimated 40-meter depth of water table source. As of December 2018 they had drilled approximately 36 meters.



For 2018, a total of 42,569 forest tree seedlings were taken cared in the nursery. Of which, thirty five thousand one hundred (35,100) were planted in the reforestation area along the vicinities of the road project as shown in the table below.

Table 2. Inventory of Seedlings at Lagis Nursery as of December 2018

Particulars	Previous Stock Balance (2017)	Procured & Produced	Total	Planted at Refo Area	Mortality	Remaining Stock Balance
Forest Tree Seedlings	8,469	34,100	42,569	35,100	7,125	344
T O T A L	8,469	34,100	42,569	35,100	7,125	344

However, the Mega Nursery located at Barangay Villa Imelda, City of Ilagan is temporarily non-operational due to inadequate labor force to man it. Further, the facility is set to be rehabilitated.

II. FOREST PROTECTION AND LAW ENFORCEMENT

a. Manning of Checkpoints

Among the eight (8) 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 also assigned to man different quarry outlets province-wide. The teams conducted surveillance, foot and mobile patrolling to detect any illegal gathering and transport of forest products. They act and respond on tipsters (SMS) reports regarding violations of PD 705. Aside from their forest protection activities, those assigned at Sitio Lagis were at the same time conducted nursery activities, maintenance, protection and monitoring of the IDRRIP plantation areas. The ISEP-TF Operatives also actively took part in the implementation of programs, projects and activities of the ENR Office as follows:

- Clean Up Drive activities in different barangays;
- Tree planting activities in different municipalities;
- Information Drives in different municipalities;
- Inventory of forest occupants/informal settlers;
- Climate Change Mitigation/Adaptation & DRRM Projects
- Joined the team led by PNP and DENR in the dismantling of sawmills province-wide;
- Monitoring, site inspection and validation of existing commercial sand and gravel and earth moving operations; and
- Disaster response during typhoons

To ensure that the ISEP-TF operatives appreciate their duties and responsibilities, the ENR Officer steered regular meetings with the members. These also served as venue for the updates and other issues concerning the implementation of forest and environmental laws and policies.



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

For the year 2018, a total of **Two Thousand Four Hundred Sixteen (2,416)** pieces of different species of woods (Lumber and Flitches) with a total volume of **Forty Six Thousand Eighty Hundred Twenty Nine and 42/100 (46,829.42) board feet** were apprehended during the conduct of forest protection and law enforcement activities as shown in Table 3. These apprehended forest products were under the **custody of PGI-ENRO**.

Table 3. Summary of Apprehended Forest Products for 2018:

Quarter	No. of Pieces	Volume (bd.ft.)	Remarks
1st Quarter	803	13,823.00	CHW Lumber & Flitches
	55	1,256.50	Narra Flitches
	44	1,759.33	Gmelina
	2	69.00	Tindalo
2nd Quarter	852	14,652.52	CHW Lumber & Flitches
	52	1,298.00	Narra Flitches
3rd Quarter	179	1,352.00	CHW Lumber & Flitches
	80	5,047.67	Narra Flitches
4th Quarter	349	7,571.40	CHW Lumber & Flitches
T O T A L	2,416	46,829.42	



ENRO & ISEP-TF personnel together with DENR-CENRO Naguilian and PNP representatives during the conduct of forest protection and law enforcement activities which resulted to the apprehension of 11,066.67 bd.ft of CHW Lumber at Cabisera 08, City of Ilagan, Isabela.

c. Donation and Utilization of Forest Products

The Provincial Government is very much supportive of all the project undertakings of its constituents. During the year under report, it has granted several requests from various qualified beneficiaries for the donation and utilization of apprehended/confiscated forest products to include different projects of the PGI with a total of **1,771 pieces** of different species of wood (lumber) with an aggregate volume of **41,543.70 board feet**.

Table 4. Donation and Utilization of Forest Products for 2018

Beneficiary	Purpose	Volume (bd.ft.)
La Sallette Elementary School (Benito Soliven)	Construction of school building	1,329.66
2 nd Isabela Police Mobile Force Company (IPMFC) Cauayan City	Construction of building	577.34
Andabuen Elementary School (Benito Soliven)	Construction of school building	1,502.00
Brgy. San Fermin, Cauayan City	Repair and maintenance of barangay facilities	2,002.52
5 th Infantry Division, PA	Repair and maintenance of Billeting Facilities of personnel and other facilities	503.33
Maluno Integrated School Annex B (Benito Soliven)	Construction of school building	1,502.00
Balliao Integrated School (Benito Soliven)	Construction of school building	1,503.67
Naganacan-Villabuena National High School (Sta. Maria)	Construction of school building	501.99
Isabela SPED Center Extension (School for the Deaf)	Construction of cottage	208.00
Sta. Cruz Elementary School (Benito Soliven)	Construction of school building	1,510.33
Provincial Government projects	Building repairs, tarpaulin frames, Bambanti Festival preparations, Isabela Day preparations and other purposes	30,402.86

III. CLIMATE CHANGE MITIGATION/ADAPTATION & DISASTER RISK REDUCTION MANAGEMENT THRU FOREST LANDSCAPE RESTORATION AND COASTAL RESOURCES DEVELOPMENT

Blessed with its bountiful natural and environmental resources, the Province of Isabela is a champion with regards to the implementation of various environmental programs. With the intent to maintain the integrity of the environment, climate change mitigation/adaptation and disaster risk reduction and management measures has been mainstreamed to protect Isabeleños from the ill effects of climate change.

The Provincial Government of Isabela has presented various projects under this program to the municipal counterparts. Recognizing the relevance of strong partnership in assuring proper and successful project implementation, most of the activities were conducted thru counter-parting with the local government units governing the identified project sites.

a. Reforestation and Watershed Rehabilitation at Sitio Disipon, Sindon Bayabo, City of Ilagan, Isabela

For this year, this Office was able to established and developed at least 32 hectares of degraded areas for reforestation and watershed rehabilitation project site identified and validated are located at So. Disipon, Sindun Bayabo, City of Ilagan, Isabela. Upon approval of the Comprehensive Site Developments (Work and Financial) Plan by the Provincial Governor, this Office spearheaded the site preparation activities of the Reforestation and Watershed Rehabilitation Project last August. The activities conducted include brushing, hole-digging, staking and fertilizer application. Considering the area, manpower augmentation was made thru service contract of One Hundred Eleven (111) farmer-laborers coming from the vicinity barangays of the City of Ilagan and San Mariano.



The tree planting was scheduled on the month of August to September, but, due to security reasons; the activity started only on November. To date, 32.0 hectares has already been planted with a total of 34,100 assorted forest tree seedlings.



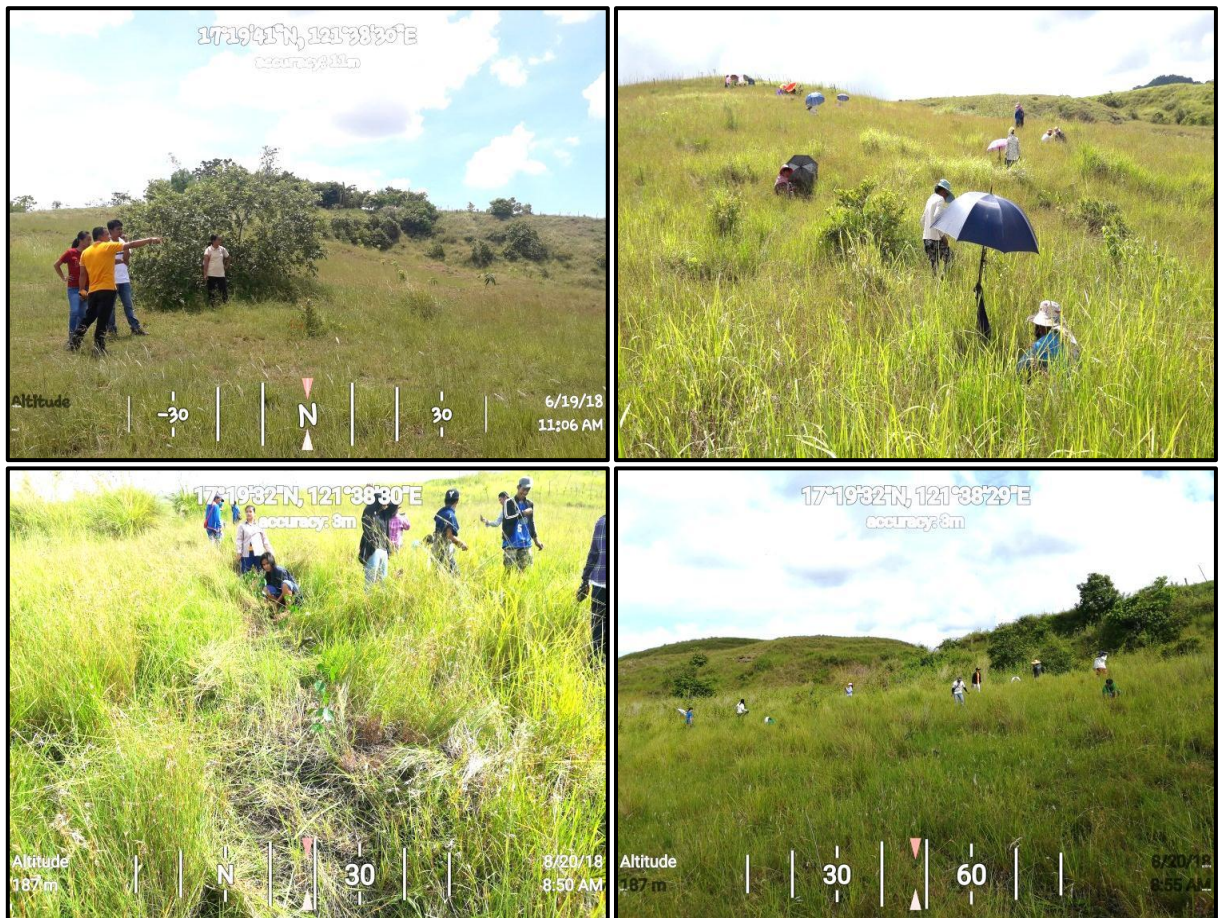
These projects are also in support of the PGI's commitment to the Reforestation Component of the Ilagan-Divilacan Road Rehabilitation and Improvement Project (IDRRIP).

b. Agro-Reforestation Establishment at Sitio Namnama, Barangay Santos, Quezon, Isabela

In response to the LGU's interest to take part in our efforts to rehabilitate and restore degraded areas in the Municipality of Quezon, 2.5 hectares portion of the 25 hectares Municipal Tree Park was identified and developed into an Agro-Reforestation Project.

Based from the prepared Work and Financial Plan, the total project cost is Php127,558.00, the Provincial Government allotted the amount of Php107,558.00 as counterpart for the seedlings and fertilizer requirement to include project management and supervision. On the other hand, LGU Quezon committed as counterpart for the plantation establishment, maintenance and protection activities through the supervision of this Office. As agreed, the project implementation was done upon completion of perimeter fencing the project area.

A total of 2,068 seedlings of Narra, Mahogany and Mango seedlings were planted within the 2.5 hectares plantation areas. The activity was participated by the LGU Quezon Staff led by the Honorable Mayor, representatives from all Barangays, SK Federation, Senior Citizen, DepEd, BFP and PNP. As committed, the maintenance and protection activities were done by the Local Government Unit of Quezon.

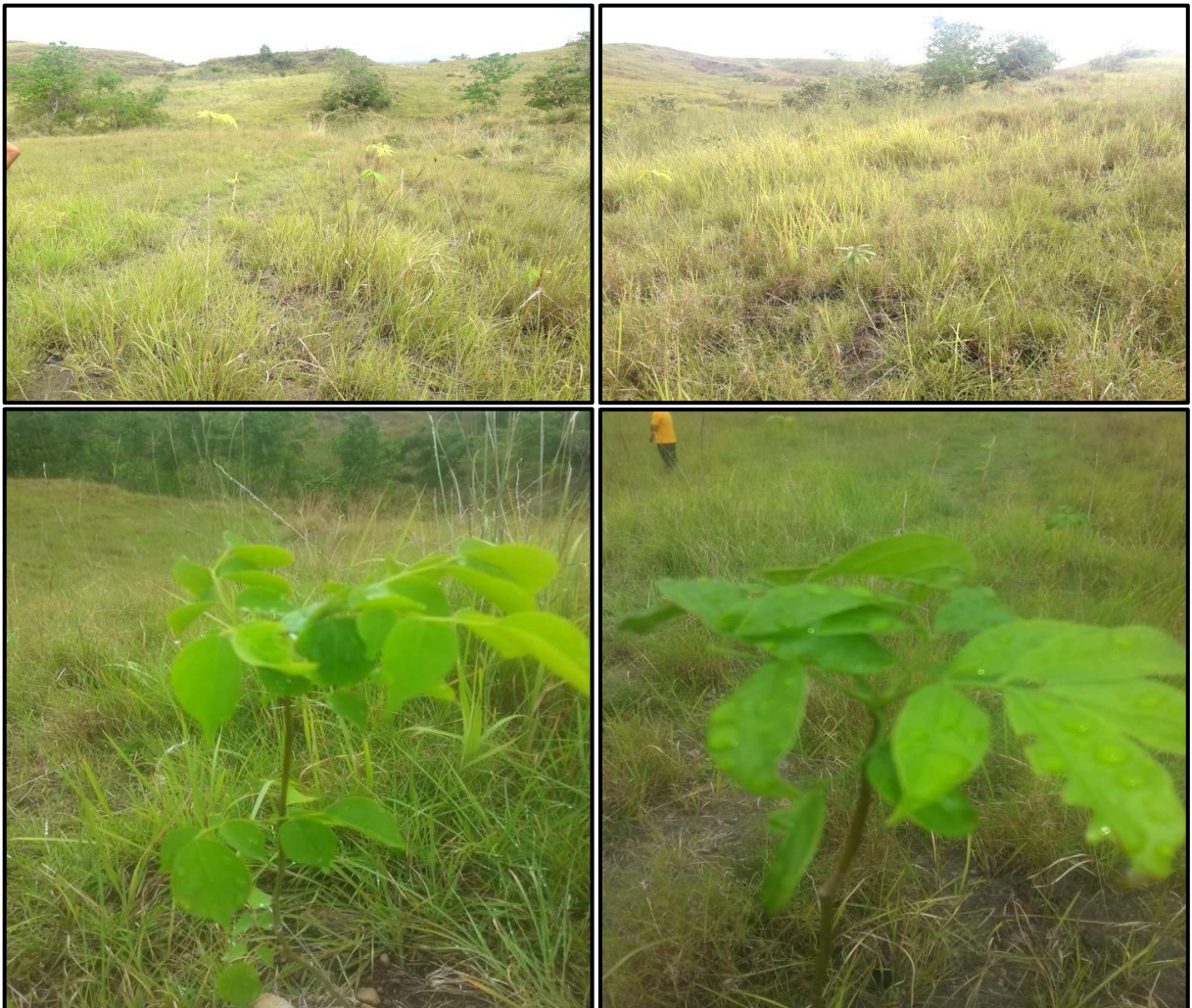


As part of the project monitoring activities, this Office conducted post typhoon assessment within the plantation areas after the wrath of Typhoon Ompong last September. With less than a week after the typhoon, the plantation at the Agro-Reforestation Project is still in the process of recovery. The Mango seedlings showed

resiliency as indicated by the healthy foliage while the Narra and Mahogany seedlings were very much affected by the strong winds that made the seedlings almost fell horizontally to the ground. Despite this, they recovered as indicated by the presence of new leaves and shoots. As LGU counterpart, the Municipal ENR maintained the seedlings through brushing and staking that contributed to its fast recovery.

This Office conducted follow-up assessment last October 2018 and as a result, the following were observed:

1. Generally, the plantation has marked an approximate **overall 92% survival rate**;
2. The same with the observations made 5-days after the typhoon, the planted Mango seedlings survived with healthy foliage. The Narra and Mahogany seedlings which were previously observed as most affected by the strong winds has fully recovered as evidenced by the presence of matured leaves and emergence of additional shoots.
3. Six percent mortality was observed in the area planted with Mahogany characterized by wilted to nearly-burned leaves and stem; the cause of which is yet to be determined since the other Mahogany seedlings planted surrounding that certain area are almost in full recovery.



The MENR Officer further committed that they shall continue to conduct maintenance and protection activities particularly brushing and ring weeding. Nevertheless, the high survival rate is also attributed to the efforts of the LGU in assuring the security of the plantation from astray animals.

c. Riparian Development Project

For this year 2018, the Provincial Government thru the Environment and Natural Resources Office identified riverbanks and creek lines of Cagayan River, Buyon Creek and Abuan River with following highlights of accomplishment, to wit:

➤ **Cagayan Riverbank along Barangays Canyugan Norte, Ammugauan and San Rafael Abajo, Sto. Tomas, Isabela**

As a result of the series of coordination and meetings with LGU Sto. Tomas, the three (3) barangays were identified and validated for riverbank stabilization thru riparian project approach. This was done with the planting of bamboo propagules along the Cagayan River stretch of 2.5 kilometers covering the above-mentioned 3 barangays.



The approved project proposal has a total cost of Php242,000.00, of which the Provincial Government allotted the amount of Php152,000.00 as counterpart for the bamboo propagules and fertilizer requirements to include project management and supervision. LGU Sto. Tomas committed for the plantation establishment, maintenance and protection activities as counterpart with supervision thru this Office.

Prior to project implementation and in order to ensure that all stakeholders are well informed and to gain their support, 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.

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. As committed, the maintenance and protection activities were done by barangays.



To monitor growth and survival, this Office conducted monthly monitoring of the riparian plantations. For the month of August, this Office was able to validate 98% survival rate of the plantation one (1) month after its establishment last July 19, 2018. The findings were presented to the Municipal Administrator and we expressed our recognition to the Barangay Officials who performed protection and maintenance of the plantation. Initially, replanting was scheduled on the month of September for the 2% mortality. However, due to the wrath of Typhoon Ompong, the activity was rescheduled; instead, a post-typhoon assessment was made.

On the month of September, project inspections was conducted together with of LGU – Municipal ENR Office Staff and Barangay officials and assessed typhoon damages to the planted bamboos and identify activities for technical assistance in the recovery. As a result, the following were observed:

1. Generally, the plantation has marked approximately **95% overall survival rate**;
2. Considering the plantation newly-established as it was, the purpose of riparian vegetation as a natural agent in decreasing soil erosion and river siltation has already been evident with the presence of soil and debris build-up in every propagules and as visibly seen in strips;

3. Particularly at Barangays San Rafael Abajo and Canyon Norte, the bamboo propagules resiliently survived the strong winds and the floodwater current as the propagules did not fell to the ground nor tumbled down by debris and soil;
4. Specifically observed at Barangay Ammugauan, the propagules which tumbled down by debris has recovered manifested by emergence of new shoots; however, an estimated 50meter-length strip of bamboo planted in the sandy-soil were washed away by the floodwater.



With the observations made, this Office conducted replanting last October 24, 2018 in replacement of the 5% mortality. The replanting was done at Barangay Ammugauan where the mortality was specifically observed. The activity started at 6:30 in the morning together with the OIC-Municipal ENR Officer of Sto. Tomas and the barangay officials of Barangay Ammugauan led by its Punong Barangay. A total of 300 bamboo propagules were planted. Clean-up and weeding was also done to free the propagules from debris and other unwanted plants. Overall, the high survival rate is also attributed to the efforts of the Barangays in assuring the security of the plantation from animals particularly cows and carabaos.



➤ **Buyon Creek, Barangay San Fabian, Echague, Isabela**

The tree planting was held on November 12, 2018 with active participation of the Municipal LGU of Echague, Barangay LGU of San Fabian and student leaders of the Isabela State University Echague Campus. The site preparations were already conducted by contracted laborers prior to tree planting. A simple briefing on the importance of rehabilitating the riparian buffer zones was made, after which the participants were designated to their areas to plant Bamboo propagules, Narra, Rambutan and Coconut seedlings. A total of 534 propagules/seedlings were planted in the Two (2) kilometers at 2-strips stretch of the creek.



➤ **Cagayan River along Barangays Gucab and Tuguegarao, Echague, Isabela**

In response to the request of the Municipal Local Government Unit for the development of Cagayan Riverbanks along five (5) barangays initially identified in the municipality, this Office conducted validation and initial coordination with the concerned barangays and farm owners adjacent the proposed areas. As a result, the riverbanks along Barangays Gucab and Tuguegarao were identified hence proposed for its rehabilitation. Upon approval of the project proposal, this Office was assisted by the LGU in the supervision of the contracted laborers for the site preparation and actual tree planting which was conducted on November 20, 2018. A total of 373 propagules/seedlings were planted in the one (1) kilometer stretch along the Cagayan Riverbank.



➤ **Abuan Riverbank along Barangay Cabisera 22, City of Ilagan, Isabela**

Bamboo planting activities along the Abuan River at **Cabisera 22** in the City of Ilagan was conducted by this Office together with the Barangay Officials and residents of the host barangay. The barangay is one of the flood-prone areas in the City and recognizing the relevance of the stabilized riverbanks in flood mitigation, they have actively participated in the activity. The City Local Government of Ilagan also participated by representatives from the City Government led by the City ENR Officer Mr. Danilo A. Domingo. A total of **450** bamboo propagules were planted in the area.



d. Mangrove Forest Rehabilitation at Barangays Dipudo and Dimasalansan, Divilacan, Isabela

For this year 2018, the Municipality of Divilacan was identified as recipient of this project. In coordination with the LGU thru their Municipal ENR Officer, identification of their proposed area for rehabilitation was conducted which were located at Barangays Dipudo and Dimasalansan. The four (4) hectares mangrove rehabilitation project has an approved total cost of Php315,700.00. With the aim to also involve the Dumagats in the project area, the mangrove seedling requirements were bought from them. Further, the job contract (pakyaw) in the conduct of site preparation, maintenance and protection activities was also awarded to the Divilacan Agta Rattan Gatherers Association (DARAGAT).



Mangrove planting was held on August 17, 2018. As contracted, the activities were done by the members of the Divilacan Agta Rattan Gatherers Association (DARAGAT) with the supervision of the Municipal ENR Office of Divilacan. A total of 11,000 seedlings and propagules of assorted mangrove species were planted.



On September 10-11, 2018, personnel of this Office conducted site inspection of the planted areas. A courtesy call was made to the Hon. Mayor Venturito C. Bulan and upon presentation of the purpose; he extended his gratitude for the project and instructed the Municipal ENR Officer For. Arturo V. Umengan to assist in the conduct of site inspection.

The inspection team composed of this Office and LGU Staff thru the Municipal ENR Officer and DARAGAT led by the President Mr. Floro I. Flores. The team travelled by boat from Barangay Dimapula to Barangays Dipudo and Dimasalansan. Considering the timing of low tide and high tide, we were only able to enter parts of the project area where the water level is still low. On the other hand, areas which were already in high tide were observed from the boat. The planted areas with a total of **4-hectares** were previously destroyed due to typhoons and strong waves hence proposed for its rehabilitation. And with less than a month from the date of planting, this Office **affirmed an estimated survival rate of 97%**. This is attributed to the location of the project site situated in the middle zone of the mangrove area hence protected from waves. To cope with the 3% mortality, the members



Some of the photos taken at the project area during the conduct of project inspection.

of DARAGAT who were with the team took chance to replant some *bakawan* sps simultaneous with the inspection activity.



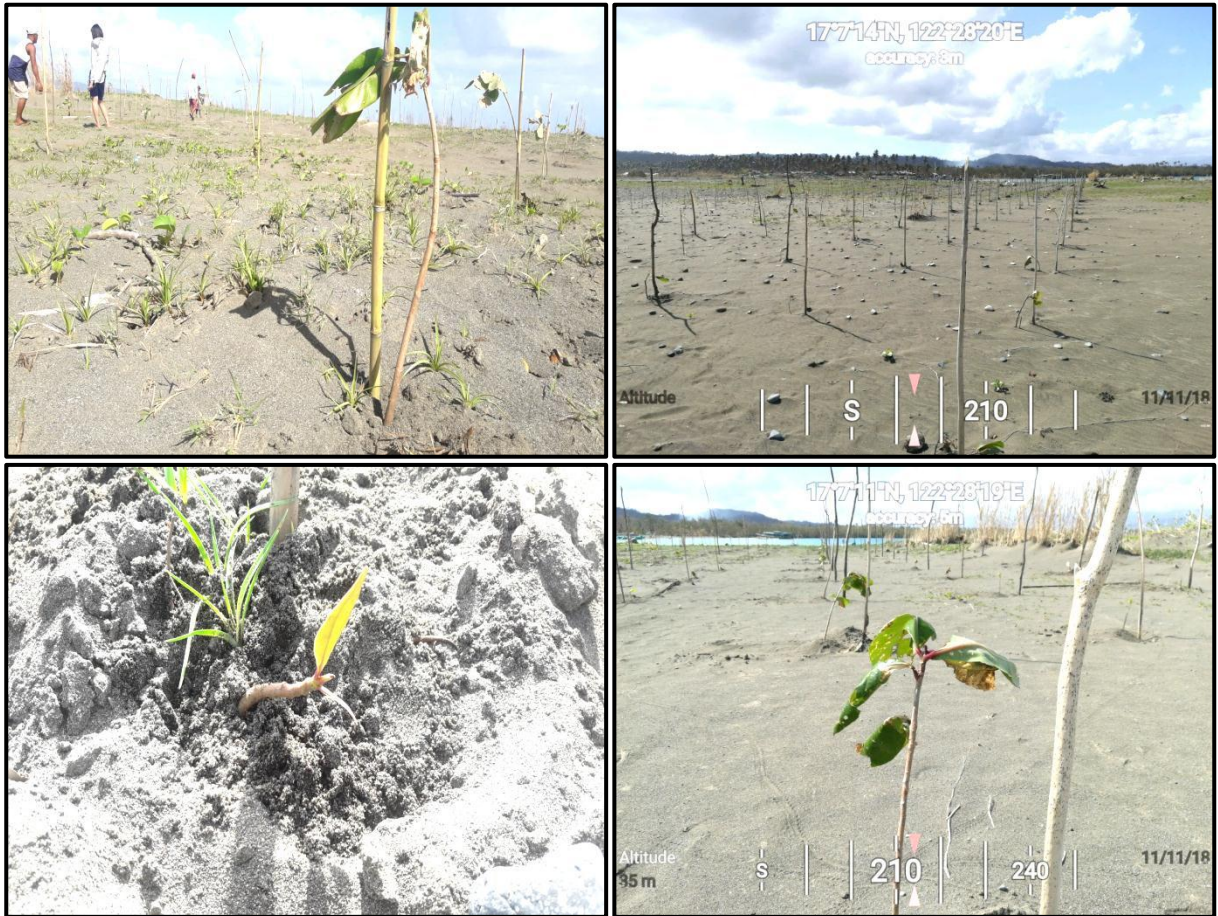
e. Beach Forest Rehabilitation at Sitio Sabang, Barangay Maligaya, Palanan, Isabela

The Provincial Government thru the Environment and Natural Resources Office has already initiated the implementation of beach forest rehabilitation under the coastal resources management program. To sustain the initiatives, this Office in coordination with LGU Palanan thru their Municipal ENR Officer For. Albert C. Gonzales, identified an additional One (1) hectare at Sitio Sabang, Barangay Maligaya, Palanan, Isabela with an approved project proposal amounting to Php99,275.00. With the aim to involve and provide additional livelihood in the project area, the seedling requirements were bought from the only seedling producer in the locality and the conduct of activities on site preparation, maintenance and protection was awarded to them thru job order contract (pakyaw).

The tree planting was held on October 15-20, 2018. As contracted, the activities were done by the group of Mr. Warlie Alvarez with the supervision of the Municipal ENR Office of Palanan. A total of 2,500 seedlings of Talisay and Botong species were planted with a spacing of 2 meters by 2 meters. However, the plantation was partially damaged during the wrath of Typhoon Rosita; as reported by Mr. Warlie Alvarez and Personnel of MENRO Palanan, 30% of the planted seedlings were spoiled hence replanting was immediately undertaken. As programmed, 250 seedlings allotted for the mortality were immediately planted and the remaining 500 seedlings were provided by LGU Palanan hence a total of 750 seedlings was replanted in replacement of the mortality caused by the typhoon. This was also part of the maintenance activities in contract and as commitment of LGU Palanan in monitoring and ensuring the survival and growth of the plantation.



On November 11-12, 2018, personnel of this Office conducted site inspection of the Beach Rehabilitation Project at Sitio Sabang, Maligaya, Palanan. The Municipal ENR Officer assisted in the conduct of site inspection of the plantation project. The project site with an area of 15 hectares was previously destroyed due to typhoons and strong waves hence proposed for its rehabilitation. The Provincial Government started in assisting the LGU last year of 2017 with the rehabilitation of 2 hectares and this year, an additional 1-hectare was granted. Since the inspection was conducted 2-weeks only after the typhoon, the survival rate was yet to be estimated. Nevertheless, we have affirmed that the maintenance activities were properly implemented and that the Local Government Unit of Palanan thru their Municipal ENR Office regularly conduct monitoring and supervision in the activities undertaken at the project areas. The inspection activity was conducted together with the Local Government Unit of Palanan thru their Municipal ENR Officer and Mr. Warlie Alvarez Group.



Some of the photos taken during the conduct of project inspection.

As part of the commitment of the Local Government Unit of Palanan in monitoring the maintenance and protection activities of the contracted laborers, the Municipal ENR Officer submitted photo documentation of the one (1) month old beach forest plantation.



Photos of the 1-month old Beach Forest Rehabilitation project plantation submitted by MENRO Palanan.

f. Urban Greening

The Provincial Government has recognized the environmental consequences of increased build-up areas due to economic development. With this, the Office has embarked on Urban Greening Project thru the provision of seedling materials to requesting schools, municipalities and barangays in the establishment and development of tree parks for sheds/shelterbelts/greenbelts. With the common goal to mitigate emission of greenhouse gasses, this advocacy promotes public-private partnership as these constituents commit to establish green spaces in their respective areas thru the provided seedling materials by the PGI.

For this year, a total of 1,540 assorted fruit-bearing and forest trees seedlings were provided to various schools in the province under this program. With an estimated aggregate area of four (4) hectares planted, recipient schools and institutions were the following, to wit:

- **Alinguingan 1st Elementary School – City of Ilagan, Isabela**
- **Gamu Central School – Gamu, Isabela**
- **Dismuray Elementary School – Cauayan City, Isabela**
- **Sta. Rosa Elementary School – Gamu, Isabela**
- **Luna National High School – Luna, Isabela**
- **Alfreda Albano National High School – Cabagan, Isabela**
- **Echague National High School – Echague, Isabela**
- **Upi Elementary School - Gamu, Isabela**
- **TESDA-ISAT – City of Ilagan, Isabela**
- **United Methodist Church – Gamu, Isabela**
- **United Methodist Church – Ramon, Isabela**
- **Lanna National High School – Tumauni, Isabela**

ENVIRONMENTAL MANAGEMENT DIVISION

I. ORGANIC FERTILIZER PRODUCTION THRU VERMI-COMPOSTING

A system of biodegradable waste collection is supervised by the Environmental Management Division Staff with tow service providers in the reduction of waste through vermi-composting. For this year 2018, the facility has produced 14,340 kilograms of high grade organic fertilizer. From this year's produce and the remaining 5,130 kilograms stock of 2017, a total of 19,090 kilograms were disposed to various requesting constituents. As of December 28, 2018, 380 kilograms is still available for disposal. The production area within the Provincial Ecology Center is a 500-square meter area for the production of vermi-compost and composting facilities.



II. SEARCH FOR THE MOST ENVIRONMENT-FRIENDLY BARANGAYS

In preparation for the Search for the Most Environment Friendly Barangays in the province, the Environment and Natural Resources Office thru the Environmental Management Division conducted regular meetings with City/Municipal counterparts for updates on the conduct of the Search.



On January 31, 2018, the Office spearheaded a meeting attended by the City/Municipal ENR Officers. Issues and inquiries arose generally concerned with the criteria of the Search and the deadline of submission of entries. It was then unanimously agreed that the deadline for submission of entries shall be on the 28th of February 2018 to give time for barangays to prepare their documents and other related attachments necessary for the submission.



ENVIRONMENT AND NATURAL RESOURCES OFFICE

All entries received were pre-evaluated thru their submitted documents on April 18, 2018 and as a result, **9 entries** out of 29 entries from the Municipalities of Burgos, Cabagan, Cabatuan, Cauayan, Dinapigue, Echague, Jones, Quirino and San Isidro were chosen for final site evaluation conducted on May 22, 2018 to June 13, 2018.



After the field validation and deliberation held last June 14, 2018, the finalists garnered the following ranks, to wit:

Name of Barangay	Rank
San Juan, Quirino, Isabela	1st Place
Casibarag Sur, Cabagan, Isabela	2nd Place
Pungpungan, Jones, Isabela	3rd Place
Villa Concepcion, Cauayan City, Isabela	4th Place
Ramos West, San Isidro, Isabela	5th Place
Bucal Norte, Dinapigue, Isabela	6th Place
Dalig Viejo, Burgos, Isabela	7th Place
San Fabian, Echague, Isabela	8th Place
San Andres, Cabatuan, Isabela	9th Place

The Top 5 Barangays were awarded with Certificates of Recognition, Cash Incentives and Material Assistance on November 19, 2018 during the Flag Raising Ceremonies of the Provincial Capitol Employees hosted by this Office.



Champion: Barangay San Juan, Quirino, Isabela



1st Runner Up: Barangay Casibarang Sur, Cabagan, Isabela



2nd Runner Up: Barangay Villa Concepcion, Cauayan City, Isabela

III. UPDATES ON THE IMPLEMENTATION OF THE 10-YEAR PROVINCIAL ESWM PLAN

As a result of the efforts in compliance with the requirements of RA 9003, the National Solid Waste Management Commission (NSWMC) thru Resolution No. 996 series of 2017 has already approved the 10-Year Provincial Solid Waste Management Plan of the Province of Isabela subject to the submission of additional requirements. In compliance to the above Resolution, the updated 10-year Solid Waste Management Plan of the province was submitted to the National Solid Waste Management Commission thru the DENR-Environmental Management Bureau Central Office on May 24, 2018.

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 households from the 11 barangays, business sectors, educational institution, banking institution and non-government organizations.

Further, this Office also assisted in the waste management compliance of other offices in the Capitol Compound. In response to the letter of Dr. Oscar D. Caballero, Chief of Cauayan District Hospital, requesting for technical assistance in the relocation of their Material Recovery Facility, ENRO Personnel together with staff from the Office of the Provincial Engineer conducted site inspection of the proposed site. As per validation, the proposed relocation site is situated adjacent the old and abandoned hospital building which is no longer functional. The area is wide and distant from nearby operational establishment therefore suitable site for MRF to proper management once operational.



Existing MRF of Cauayan District Hospital



Proposed site for Relocation of MRF

ENVIRONMENT AND NATURAL RESOURCES OFFICE

Personnel of this Office also monitored the different Provincial Operated Hospitals to include the GFNDy Memorial Hospital and the four (4) district hospitals in their compliance to RA 9003 particularly segregation of hazardous/toxic and special wastes. Moreover, copy of wastes report was also requested for records purposes.



Governor Faustino N. Dy Sr Memorial Hospital: (Left) Lobby; (Right) Sharp septic vault



Roxas District Hospital Material Recovery Facility



Echague District Hospital Infectious vault



Cauayan District Hospital Infectious vault



Cabagan District Hospital New Infectious vault under construction

IV. ECOSYSTEMS MANAGEMENT

a. Clean-Up Drives

As mandated, the PGI thru this Office regularly conducted Ocean, River and Creek clean-up activities. In support to RA 9275 otherwise known as the Philippine Clean Water Act, this activity is regularly funded by the Office to ensure its proper implementation.

With approved proposal amounting to One Hundred Eight Thousand pesos (P108,000.00), the ENR Office thru this Division has implemented clean-up drive activities in the following sites, namely:

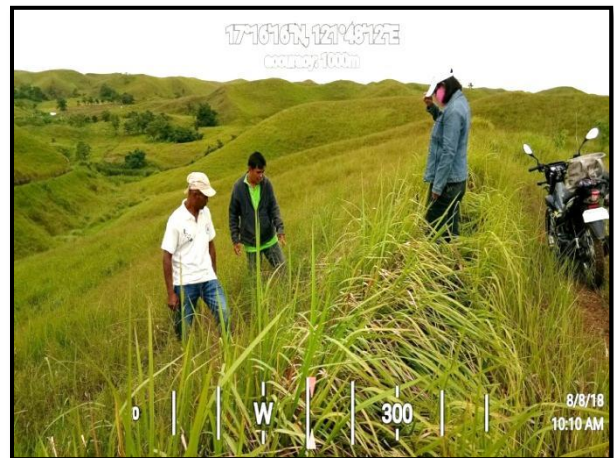
Particular	Location	Date Conducted
1. Coastal Municipality	Dinapigue	October 3-5, 2018
2. Magat River	Culing West & Culing Centro, Cabatuan	October 12, 2018
3. Cagayan River	Upi, Gamu	October 26, 2018
4. Cagayan River	Barangay 3 & Sta. Visitacion, Tumauni	November 22, 2018

The above-mentioned activities were joined by personnel from ENRO, municipal and barangay participants.



b. Pollution Control Measures

For this year, this Office has implemented the establishment of **3 hectares** Carbon Sink Plantation under this program with approved project cost of P195,648.00. In coordination with DENR – CENRO Cabagan together with the Municipal LGU of Delfin Albano, the project site was identified. This was to ensure that the area is not covered by the NGP of the national government and elude project duplication.



Supervised by this Office, site preparation and tree planting activities were conducted thru contracted laborers while the LGU counterpart was the conduct of monitoring for maintenance and protection activities. A total area of three (3) hectares was planted with narra, mangium and guyabano seedlings at Barangay Carmencita, Delfin Albano, Isabela.

V. REHABILITATION OF MINED-OUT SITES THRU MINERAL RESOURCES FUND (MRF) UTILIZATION

An ecological balance between resource utilization and environmental protection is being sustained by the PGI-ENRO thru implementation of Riverbank Stabilization Project with the utilization of Mineral Resources Fund (MRF), a fee collected purposely for rehabilitation projects of mined-out sites.

The Office monitored the previously planted areas under the Riverbank Stabilization of Mined-Out Area Project at the Municipality of Tumauni. Survival rate is estimated at 85% and as part of the maintenance and replacement for the 15% , bamboo and tree planting activities were conducted during on-set of rainy season in replacement for the 15% mortality.



Continuing rehabilitation of mined-out sites thru bamboo planting was conducted at Barangays Casibarang Sur and Casibarg Norte, Cabagan, Isabela for the completion of approved project for 2017. Site preparation and planting activities were implemented in partnership with the municipal counterpart and officials of the (2) barangays. The delay of implementation was due to the prolonged unfavorable weather condition for planting. The remaining balance of 1 kilometer at 2-strips planted with bamboo was finally completed.

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 of the 5% mortality was done in coordination with the Barangays Officials.



MINERAL RESOURCES MANAGEMENT DIVISION

I. MONITORING OF MINERAL/QUARRY OPERATIONS

a. Processing of Permit Applications

- **Commercial Sand and Gravel (CSAG)** – this office received and processed **Seventy Five (75)** CSAG Permit Applications from the different quarry locations within the province with corresponding administrative/processing fees collected by the Provincial Treasurer’s Office amounting to **Eight Hundred Forty Nine Thousand Seven Hundred Fifty Pesos (Php849, 750.00)**.

Table 5. List of CSAG Permit Applications Received:

NAME		LOCATION OF APPLIED AREA	
		Barangay	Municipality
1	Benito B. Duldulao, Jr.	Annanuman	San Pablo
2	Allan C. Malayao	Annanuman	San Pablo
3	Rosalino U. Urandayan	San Ignacio	City of Ilagan
4	Carlito M. Uy	Lenzon	Gamu
5	Carlos Clyde U. Chan	Upi	Gamu
6	Rodelio A. Acosta	Del Pilar	Cabatuan
7	Flow of Pari-ir Development Cooperative	Saranay	Cabatuan
8	Engr. Elvin M. Ramos	Casibarag Norte	Cabagan
9	Flordeliza M. Balisi	Baculud	City of Ilagan
10	Edwin P. Uy	Furao	Gamu
11	Edwin P. Uy	Banquero	Reina Mercedes
12	Kristopher E. Maltu	Cabisera 8(Sta. Maria)	City of Ilagan
13	Felino A. Dalupang, Jr.	Pulay & Union Kalinga	Luna
14	Serapio A. Cacal, Jr.	Lalog I & Lalog II	Luna
15	CTR Enterprises c/o Restituto P. Respicio	Tuod	Reina Mercedes
16	Arnold S. Ferrer	Carpintero	Tumauini
17	Cinderella M. Gatan	Casibarag Sur	Cabagan
18	Rolando Y. Domingo	San Roque	San Mateo
19	Dra. Rowena S. Domingo	San Roque	San Mateo
20	Glenn Moore Angelo E. Caramancion	Disimpit	Jones
21	Nenita B. Uy	Annafunan	Tumauini
22	Alvin B. Uy	Sta. Catalina	Tumauini
23	Dutch Anne V. Uy	Carpintero	Tumauini
24	Christopher B. Uy	Sta. Visitacion	Tumauini
25	Gideon E. Angobung	Carpintero	Tumauini
26	John Filip Hope E. Angobung	Carpintero	Tumauini
27	Paula Cristina S. Almalvez	Minanga	San Mariano
28	Raul T. Sawit	Saranay	Cabatuan
29	A1 & A2 Multi-Purpose Cooperative	Alinguigan 1st & 2nd	City of Ilagan
30	Jhon-Jhon G. Piniera	Cabisera 10(Lupigue)	City of Ilagan
31	Cecilia P. Usigan	Batong-Labang & Cabisera 25	City of Ilagan
32	Florendo R. Usigan	Pilar	City of Ilagan
33	Aurora Employees Multi-Purpose Cooperative	Kalabaza, Panecien & Camarunggayan	Aurora

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34	Jones Chapter Guardiangu Savings & Credit	Barangay 2	Jones
35	Carlofel M. Fontiveros	San Placido	Roxas
36	Girlyn W. Gerebise	Estrella	San Mateo
37	Edwin B. Calamba	Furao	Gamu
38	Engr. Hilario G. Pagauitan	Calamagui East	Sta. Maria
39	Constancio G. Domingo	Cabisera 22	City of Ilagan
40	Cielito M. Samiling	Mapuroc	San Mateo
41	Brgy. Nemmatan, San Agustin c/o Santos Leano	Nemmatan	San Agustin
42	Lapogan Multi-Purpose Coop. c/o Marieta B. Bayucan	Lapogan	Tumauini
43	Engr. Joyce T. Bauí	Cubag	Cabagan
44	Jose A. Luis	Laoag, Panang & San Agustin	San Agustin
45	Dragon Twelve Buliders & Const. Supply c/o Jonathan L. Diaz	Cansan	Cabagan
46	Gelacio L. Carlos	Rang-ay	Cabatuan
47	Peter Jay B. Capalad	Aggasian	City of Ilagan
48	Dean Anthony Argaza	Cabisera 14-16	City of Ilagan
49	Diorish B. Baccay	Garit Norte	Echague
50	Mark Gil A. Cabungcal	Annafunan	Echague
51	Western Pinacanauan Dev't Coop. c/o Teresita A. Paddayuman	Alinguigan 2nd	City of Ilagan
52	Eduardo M. Frogoso	Dimaluadi	Dinapigue
53	Bernard D. Bajet	Bucal Sur	Dinapigue
54	Romeo F. Bautista	Ayod	Dinapigue
55	Philip Bong F. Kiunisala	Bucal Norte	Dinapigue
56	Kevin A. Frogoso	Bucal Norte	Dinapigue
57	Degullacion L. Cabbab	Zone 2 & Zone 3	San Mariano
58	Jay Everson C. Diaz	San Ignacio	City of Ilagan
59	Nikko B. Tarayao	Bungad	San Pablo
60	Moises B. Arguero, Sr.	Bagutari	Sto. Tomas
61	Jimmy S. Allauigan	Bagutari	Sto. Tomas
62	Bryan S. Talaue	Ammugauan	Sto. Tomas
63	Edison M. Pascual	Fugu	Jones
64	LGU-Divilacan c/o Hon. Venturito C. Bulan	Dicatian	Divilacan
65	Ferdinand G. Laggui	Alinguigan 1st	City of Ilagan
66	Ruben E. Macadangdang	Rang-ay	Cabatuan
67	John Lorenz D. Bautista	Carpintero	Tumauini
68	LGU-Delfin Albano c/o Hon. Arnold Edward P. Co	Ragan Norte	Delfin Albano
69	Gery Pascual	Sinamar Sur	San Mateo
70	Deolita F. Deang	Rang-ay	Cabatuan
71	Engr. Abraham C. Pacag	Masaya Centro and Masaya Sur	San Agustin
72	Carlan P. Dinaman	Barangay 2	Jones
73	Rofelin M. Dela Cruz	Sinaoangan Sur	San Agustin
74	Daniel A. Cadelina	Marasat Pequeno	San Mateo
75	Jeiel P. Taccad	Carpintero	Tumauini

Out of the 75 applications received, **Thirty (30)** were deliberated by the Provincial Mining Regulatory Board (PMRB). And as per PMRB Resolution No. 01, **Twenty (20)** were endorsed for approval of the Provincial Governor.

Table 6. List of Approved and Issued CSAG Permits

NAME	QUARRY LOCATION	
	Barangay	Municipality
1. Benito B. Duldulao, Jr.	Annanuman	San Pablo
2. Rosalino U. Urandayan	San Igancio	City of Ilagan
3. Carlito M. Uy	Lenzon	Gamu
4. Carlos Clyde U. Chan	Upi	Gamu
5. Edwin P. Uy	Banquero	Reina Mercedes
6. Felino A. Dalupang, Jr.	Pulay & Union Kalinga	Luna
7. Serapio A. Cacal, Jr.	Lalog I & lalog II	Luna
8. CTR Enterprises c/o Restituto P. Respicio	Turod	Reina Mercedes
9. Arnold S. Ferrer	Carpintero	Tumauini
10. Cinderella M. Gatan	Casibarag Sur	Cabagan
11. Glenn Moore Angelo E. Caramancion	Disimpit	Jones
12. Nenita B. Uy	Annafunan	Tumauini
13. Raul T. Sawit	Saranay	Cabatuan
14. Jhon Jhon G. Pinera	Cab. 10	City of Ilagan
15. Aurora Employees Multi-Purpose Cooperative	Kalabaza, Panecien & Cararunggayan	Aurora
16. Jones Chapter Guardians Savings & Credit	Barangay 2	Jones
17. Lapogan Multi-Purpose Cooperative c/o Marieta B. Bayucan	Lapogan	Tumauini
18. Dragon Twelve Builders & Const. Supply c/o Jonathan L. Diaz	Cubag	Cabagan
19. Engr. Rolando Y. Domingo	San Roque	San Mateo
20. Edwin B. Calamba	Furao	Gamu

➤ **Quarry Permit**

This office received and processed **Two (2)** Quarry Permit Applications with corresponding administrative/processing fees collected by the Provincial Treasurer's Office amounting to **Twenty Two Thousand Six Hundred Sixty (Php22,660.00)** pesos only, to wit:

Table 7. List of Quarry Permit Applications Received

	NAME OF PERMIT APPLICANT	LOCATION OF AREA APPLIED	
		Barangay	Municipality
1	Tomas Adiwang	Anonang	Cordon
2	Basilio Kissob	Anonang	Cordon

➤ **Small Scale Mining Permit**

This office received and processed **Five (5)** Small Scale Mining Permit Applications with corresponding administrative/processing fees collected by the Provincial Treasurer's Office amounting to **Seventy Seven Thousand Six Hundred (Php77,600.00)** pesos only, to wit:

Table 8. List of Small Scale Mining Permit Applications Received

NAME OF PERMIT APPLICANT		LOCATION OF AREA APPLIED	
		Barangay	Municipality
1	Andres M Sanchez	Dimaluadi	Dinapigue
2	Cesar A. Esteves	Ayod	Dinapigue
3	Didero S. Pascual	Dimaluadi	Dinapigue
4	Faustino L. Reyes	Dimaluadi	Dinapigue
5	Ma. Laidee M. Santos	Dimaluadi	Dinapigue

As of this reporting, no Quarry and Small Scale Mining Permit applications were endorsed by the PMRB for approval of the Provincial Governor.

➤ **Ore Transport Permit (OTP)**

There were **Two (2)** OTP issued by the Office to Golden Summit Mining Corporation with applied total volume of **Two Thousand (2,000 cu.m.)** mine wastes and tailings at Anonang, Cordon and Sitio Dimacawal, Bucal Sur & Bucal Nortel, Dinapigue, Isabela valid for one month.

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

A total of **Three Hundred Ninety Six (396)** haulers/dealers/traders and retailers in trading mineral products and by-products were accredited with corresponding fees collected by the PTO amounting to **Nine Hundred Ninety Seven Thousand Nine Hundred Twenty Pesos (Php 997,920.00)** only.

These accredited haulers/dealers/traders and retailers were issued with a total of **One Thousand Six Hundred Twenty Two (1,622) accreditation stickers** conspicuously pasted in each of their trucks with corresponding amount of **One Hundred Sixty Two Thousand Two Hundred Pesos (Php 162,200.00)** paid to PTO.

Table 9. List of Accredited Haulers/Dealers/Traders and Retailers

AP No.	NAME	ADDRESS
001	Manuel M. Velilla	Magsaysay Poblacion, Alicia
002	Ines S. Cabaccan	San Isidro, City of Ilagan
003	Jesus T. Albano	Ugad, Cabagan
004	Engr. Arnold S. Ferrer	Lingaling, Tumauni
005	Michael V. Uy	San Rafael, Roxas
006	Bravo Const. & Engineering Services c/o Wilmer B. Bravo	Purok 2, Nagbukel, San Isidro
007	Josemarie L. Diaz	Marana 1st, City of Ilagan
008	Dragon Twelve Builders & Construction	Marana 1st, City of Ilagan
009	Larry B. Galingana	Bannawag, Aurora
010	Stephen L. Lim	Ugad, Cabagan
011	Alla C. Malayao	Annanuman, San Pablo
012	Monphil Gen Mdse & Const. Supply c/o Raymundo G. Junio	Upi, Gamu
013	Expedito G. gumiran. Jr	Marana III, City of Ilagan
014	Jimmy A. Balayan	Calamagui 1st, City of Ilagan
015	Marnellie A. Gannaban	Ugad, Cabagan
016	June T. Yadao	Osmena, City of Ilagan

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017	Antonio U. Talattad	Marana III, City of Ilagan
018	Romeo C. Gomez	Marana III, City of Ilagan
019	Raffy John O. Gomez	Marana III, City of Ilagan
020	Gaudencio A. Reyes, Jr.	Magsaysay District, Naguilian
021	Allan C. Panganiban	Gucab, Echague
022	Cesar B. Sapiipi	Balintocatoc, Santiago City
023	Antonio S. Yu	San Isidro, City of Ilagan
024	AL Albert Albano	Cabagan, Isabela
025	Edilie A. Padilla	Mapalad, San Agustin
026	George S. Malana	Libag Sur, Tuguegarao
027	Engr. Elvin M. Ramos	Centro, Cabagan
028	Jomar P. Gaba	Centro, San Antonio, City of Ilagan
029	Merson D. Pardian	Assing via Baggao Cagayan
030	Allan C. Panganiban	Gucab, Echague
031	Joaquin A. Ramos, Jr.	Luna, Roxas
032	Golden Tech Const. Corp. c/o Armando S. Tan	Raniag, Ramon
033	Edwin P. Uy	Furao, Gamu
034	Efren S. Santiago	San Isidro, City of Ilagan
035	Joel P. Tamayo	Baligatan, City of Ilagan
036	A. Ferrer Gravel & Sand c/o Arturo D. Ferrer	Rosario, Santiago City
037	Isidro S. Assidao	Alinguigan 2nd, City of Ilagan
038	Ramon Balayan	Calamagui 1st, City of Ilagan
039	Denver's Concrete Products Gravel & Sand c/o Denver F. Balao	Calamagui 1st, City of Ilagan
040	Marvin A. Reosia	San Andres, City of Ilagan
041	Armando De Guia	Alicia, Isabela
042	Alfiel L. Dela Cruz	Colungan, Sto. Tomas, Isabela
043	Cinderella M. Gatan	Casibarag Sur, Cabagan, Isabela
044	Elmer M. Cabauatuan	Cabagan, Isabela
045	Engr. Edward Labiano	Antonio, Alicia, Isabela
046	Danny's Hardware & Gen. Mdse c/o Danilo Baculi	Nuesa, Roxas, Isabela
047	Hanival Fulgencio	Sam Andres, City of Ilagan, Isabela
048	Virgilio M. Sibal	Bliss, Cabagan, Isabela
049	Manuel B. Agub	Centro, Sto. Tomas, Isabela
050	Perlita B. Talamayan	Rizal, Delfin Albano, Isabela
051	Nucopia Hardware c/o Leila Yokoyama	Pangal Sur, echague, Isabela
052	Rogelio Manangit	Tuguegarao City, Cagayan
053	RMA Construction Supply c/o Myrna M. Agustin	Carig Norte, Tuguegarao City, Cagayan
054	Jupiter Hardware & Gen. Mdse c/o Julieta q. Cagurangan	Linao East, Tuguegarao City, Isabela
055	R.G Construction c/o Robert Guzman	Mabini St. Tuguegarao City, Cagayan
056	Reynaldo G. Atuan, jr.	San Rafael, Sta. Maria, Isabela
057	Joel L. Garcia	Masigun, Roxas, Isabela
058	ITP Properties Corporation	Alibagu, City of Ilagan, Isabela
059	SMT Construction c/o Samuel M. Toribio	Bliss Village, City of Ilagan, Isabela
060	Juan Nicole Uy Co	Calamagui 2nd, City of Ilagan, Isabela
061	Joselito Bautista	San Mateo, Tumauini, Isabela
062	Ferdinand N. Taccad	Purok 7, Brgy. Maligaya, Tumauini, Isabela
063	Victoria A. Maddawin	Alinguigan 2nd, City of Ilagan
064	GNM Concrete Products & Gravel & Sand c/o Generoso N. Manuel	Purok 2, Buenavista, Santiago City
065	Federico Villena	Villa Imelda, City of Ilagan, Isabela

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066	Independencio C. Sibbaluca	No. 2 , Guinatan, City of Ilagan, Isabela
067	BMJ General Mdse c/o Engr. Joyce T. Bauí	Cubag, Cabagan, Isabela
068	Reydel General Mdse c/o Engr. Reynold B. Delmendo	Magsaysay, Alicia, Isabela
069	Proline Construction c/o Jhon Jeric T. Ilagan	Santiago City
070	Ricardo G. Artisuela	Lapogan, Tumauni, Isabela
071	Rosalino Urandayan Gravel and Sand	San Ignacio, City of Ilagan, Isabela
072	Ariel Ordinario	Del Pilar, Alicia, Isabela
073	619 Builders Const. Corp. c/o Fernando G. Magno	Nueva Era, San Manuel, Isabela
074	Wilfredo A. Diwa	Usol, Jones, Isabela
075	Mercedes P. Uy	Lingaling, Tumauni
076	JCF Hardware c/o Jovelyn C. Figarola	Centro San Antonio, City of Ilagan
077	Remigio A. Roque, Jr.	Calao West, Santiago City
078	RJC Castro Hardware & Gravel & Sand c/o Joan V. Castro	Nuesa, Roxas, Isabela
079	Kristopher E. Maltu	Cab.8(Sta. Maria), City of Ilagan
080	Alvin D. Uy	Turod, Reina Mercedes, Isabela
081	Lorelei S. Ranjo	Lullutan, City of Ilagan
082	Mario F. Manuel	Paddad, Alicia, Isabela
083	Raymundo T. Cababa	Sto. Tomas, Isabela
084	Joseph Dela Cruz	Caritan Centro, Tuguegarao City, Cagayan
085	A-9 Commercial c/o Joseph C. Uy	Calamagui 1st, City of Ilagan, Isabela
086	Melvin Acacio	Lulluta, City of Ilagan, Isabela
087	CR Domingo Const. & Power Dev't Corp. c/o Engr. Rolando Y. Domingo	Barangay 3, San Mateo, isabela
088	Ronald B. Uy	Brgy. Anao, Cabagan, Isabela
089	EGB Construction c/o Erni G. Baggao	National Highway Alibagu, City of Ilagan
090	Roberto B. Asuncion	Balog, Tumauni, Isabela
091	R.D Interior Jr. Const. c/o Ricardo O. Interior, Jr.	Tanza Junction, Megacaltex Station, Tuguegarao City
092	Henry Allan R. Macarilay	Disimpit, Jones, Isabela
093	Roger G. Caramancion	Diarao, Jones, Isabela
094	Danga's hardware c/o Henry P. Danga	Barangay 1, Jones, Isabela
095	Jesumuerte A. Santos	District 1, San Manuel, Isabela
096	Temestocies A. Santos	District 1, San Manuel, Isabela
097	Vedasto D. Villanueva	San Antonio, City of Ilagan, Isabela
098	KWA Const. c/o William Carl C. Valdepenas	Bangad, Sta. Maria, Isabela
099	LARRY a. Castillo	Rizal Luna, Cordon, Isabela
100	Varillana M. Guntayon	Centro, San Antonio, City of Ilagan
101	Roger V. Domingo	Calamagui 2nd, City of Ilagan, Isabela
102	Robert L. Buco	Mabini, Gamu, Isabela
103	Ferdinand L. Ambatali	Brgy. Osmena, City of Ilagan, Isabela
104	A.F Mnauel Const. c/o Aurea F. Manuel	Quezon st. District II, San Mateo, Isabela
105	Roville V. Masigan	Centro, Cabagan, Isabela
106	Darius Custodio	Ugad, Tumauni, Isabela
107	Christopher M. Talaue	Centro, Sto.Tomas, Isabela
108	Oscar S. Balbin	Lapogan, Tumauni, Isabela
109	Jerald Raymond Mari Molinar Bigornia	Mansibang, Naguilian, Isabela
110	Tummao Enterprises c/o Osscarr G. Tumamao	Rizal East, San Isidro, Isabela
111	Edelmar S. Balbin	Lapogan, Tumauni, Isabela
112	JRBB Construction c/o Jose Bartolome P. Brillantes	Bonifacio St.Brgy.4, San Mateo, Isabela
113	Marian P. Tamayo	Mambabanga, Luna, Isabela
114	Richmond Grains Buying Station c/o Allan Uy	San Mateo, Isabela

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115	Mary Jane M. Domingo	Alunan, Luna, Isabela
116	Christopher B. Uy	San Pedro, Tumauni, Isabela
117	Donato N. Cabairo	Tangcul, City of Ilagan, Isabela
118	Industrial Staple Grains Phils. Inc. c/o Jovito J. Sermonia	Sta. Cruz, San Manuel, Isabela
119	Marlou Raynald B. Matusalem	Mambabanga, Luna, Isabela
120	Fe C. Colobong	La Paz, Cabatuan, Isabela
121	John Filip Hope E. Angobung	Laman St. Barangay3, Tumauni, Isabela
122	Reynaldo S. Roque	Naguilian sur, City Of Ilagan, Isabela
123	Nestor Noel Q. Dayag	Lapogan, Tumauni, Isabela
124	Juanita T. Bumanglag	Sindun Bayabo, City of Ilagan, Isabela
125	Jun P. Bulos	Raniag, Burgos, Isabela
126	Avelino A. Quitola	Cabisera 27, City of Ilagan, Isabela
127	Go Eight Const. Paula Cristina G. Almalvez	Minanga, San Mariano, Isabela
128	Maria Loida C. Cruz	Minanga, San Mariano, Isabela
129	Leonila E. Go	Zone III, San Mariano, Isabela
130	Dalia Pedro	Zone III, San Mariano, Isabela
131	Benjamin R. Mercado	Capellan, City of Ilagan, Isabela
132	Darwin H. Ramos	Capellan, City of Ilagan, Isabela
133	Conrado M. Amistad	District I, Tumauni, Isabela
134	Joenard S. Galla	Napaliong, Jones, Isabela
135	Minardo M. Macarilay	Brgy. I Centro, Jones, Isabela
136	Edwin T. Galla	Napoliung, Jones, Isabela
137	G&G Hardware c/o Godofredo M. Macarilay	Barangay I, Jones, Isabela
138	Francisco A. Cristobal, Jr.	San Patricio, Delfin Albano, Isabela
139	Agor Sand & Gravel & Hallow Blocks c/o Clarita E. Agor	Calamagui 2nd, City of Ilagan, Isabela
140	Kristal Fortune Trading c/o Stefanie Que	Prenza Hiway, District 1, Cauayan City, Isabela
141	Edmund C. Bascos	Bagong Buhay, Batal, Santiago City, Isabela
142	RCPS Construction & General Trading c/o Raul T. Sawit	Del Pilar, Cabatuan, Isabela
143	Holy Spirit Mission MPC c/o Ralph Dampo	Bagnos, Alicia, Isabela
144	Talosig Glass, Aluminum, Hardware, Supply & General Merchandise c/o Diosdado B. Talosig	Ugad, Cabagan, Isabela
145	HBA BTDS Hardware c/o Dominador B. Acorda	Soyung, Echague, Isabela
146	Evan Enterp. c/o Fernando L. Mangabat	Centro 2, Luna, Isabela
147	Imelda S. Murata	Oscariz, Ramon, Isabela
148	Renato Santiago	San Isidro, City of Ilagan
149	Edgar F. Corbito	Macatal, Aurora, Isabela
150	Teresito Molina	Ballesteros, Aurora, Isabela
151	CLJC Enterprise c/o Apolinario Garcia Datu	San Pedro-San Pable, Aurora, Isabela
152	Ignacio G. Datu	San Pedro-San Pable, Aurora, Isabela
153	Catleya B. Tabangcay	Malalinta, San Manuel, Isabela
154	Ramuel C. Miranda	Alinguigan 2nd, City of Ilagan
155	Laarni C. Lumabao	Lullutan, City Of Ilagan, Isabela
156	TJB Construction c/o Teodoro De Jesus	Barangay I, Jones, Isabela
157	JMART enterprises c/o Jomer S. Dela Cruz	Buenavista, Santiago City
158	Joselito A. Suyat	Barangay I, Jones, Isabela
159	Rosito G. Beltran	Luquilo, Cabagan, Isabela
160	Jose Rafael V. Tumaliuan	Centro, San Antonio, City of Ilagan
161	Ma. Ana Corazon P. Gerardo	Bliss Village, City of Ilagan, Isabela
162	XRC Resources Inc. c/o Rely G. Dicolon	Sindun Bayabo, City of Ilagan, Isabela
163	H.J Domingo Mini Hardware c/o Hector J. Domingo	San Fabian, Echague, Isabela

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164	REGGS Builders c/o Reginito M. Lopez	Quezon, Isidro, Isabela
165	Harish D, Arora	Calamagui 2nd, City of Ilagan, Isabela
166	Joel Pascual	Dabubu Grande, San Agustin Isabela
167	Jeresito Bazar	Marana 1st, City of Ilagan
168	Danysons Construction	Reyes St., Dist. I, Cauayan City, Isabela
169	Wilson Ganipan	Centro, Cabagan, Isabela
170	Jan Francis D. Pua	Centro 3, Luna, Isabela
171	Ronnel Butac	Nemmatan, San Agustin, Isabela
172	Jessie T. Bangloy	Barangay II, Jones, Isabela
173	Girlyn W. Gerebise	Estrella, San Mateo, Isabela
174	Arnold C. Tapales	District 1, Benito Soliven, Isabela
175	ERBC Hardware and Construction Supply c/o Edwin B. Calamba	Lingalingay, Gamu, Isabela
176	ICL Hardware c/o Francisco A. Acorda	Marana 1st, City of Ilagan
177	Meta Const. c/o Jose A. Gajudo	Rizal, Santiago City
178	Christer B. Damo	Ragan Sur, Delfin Albano, Isabela
179	Jomar N. Adriano	Barangay 2, Jones, Isabela
180	Rey P. Manalansan	Papan West, Jones, Isabela
181	Francis Glen G. Geronimo	Minuri, Jones, Isabela
182	Jacques Benedick R. Vibar	Napaliong, Jones, Isabela
183	Jun U. Balloran	Minuri, Jones, Isabela
184	Raffy M. Betita	Sto. Domingo, Jones, Isabela
185	James P. Pua	Tumauini, Isabela
186	Conrado J. Yap, Jr.	Pangal Norte, Echague
187	Engr. Hilario G. Paguitan	Calamagui East, Sta. Maria
188	Francisca Village Enterp. c/o Elias Ramos Pambid	Baligatan, City of Ilagan
189	MXGC c/o Mark Xavier G. Castillo	54 Rizal St. Brgy 4, San Mateo
190	Edmund O. Fernandez	Lalog I, Luna
191	Erwin R. Sumisim	Zone I, San Mariano
192	Mila VIC Trucking Services c/o Milagros T. Magallones	Raniag, Ramon
193	Rogie B. Baquiran	Arcon, Tumauini
194	Vibanara Association c/o Rome M. Obedoza	Rang-ay, City of Ilagan
195	Rohan Gen. Merchandise c/o Noralyn Caraan	Victoria, Alicia
196	Bryan Merchandise c/o Bon Ing V. Pua	Magsaysay, Alicia
197	Aladin B. Reyes	Usol, Jones
198	J & C Lumber & Hardware c/o Cheril D. So	Plaridel, Santiago City
199	Rofelin M. Del Cruz	Urgoneza, San Agustin
200	Romeo M. Balauag	Sto. Domingo, Echague
201	Salvacion C. Vinarao	Purok 3, Naguilian Sur, City of Ilagan
202	New UTG Hardware c/o Corazon Uy	Brgy I, Jones
203	Rehoboth Mines & Metal Processing Corp. c/o Norberto S. Fulgencio	Caquilingan, Cordon
204	Golden Summit Mining Corp. c/o Norberto S. Fulgencio	Anonang, Cordon
205	Emil Jake Gravel And Sand c/o Emilio G. Visaya	Diamantina, Cabatuan
206	Tri Blocks Enterprises c/o Prezy D. Tan	Calao East, Santiago City
207	Salvador Acorda	Purok 1, Diamantina, Cabatuan
208	Gerra Construction c/o Jessie R. Racaza	Brgy. I, Jones, Isabela
209	Wilson M. Balingao	San Luis, Cauayan City
210	Jesell A. Wahol	Del Pilar, San Mariano
211	Almazan Heavy Equipment Rental c/o Rogel A. Almazan	Manano, Mallig
212	Florendo Vidal Jr.	Roxas, Isabela

ENVIRONMENT AND NATURAL RESOURCES OFFICE

213	Isabela EBC Builders Construction Inc c/o James A. Bantilan	Calao West, Santiago City
214	Engr. Christopher C. Bayani	Ipil, Echague
215	Rogelio F. Olivete	San Fermin, Cauayan City
216	Editha F. Pua	San Pedro, Tumauni, Isabela
217	Vicar Enterprises c/o Victorino D. Pascual	Prenza Highway, Cauayan City
218	AVD Commercial Center c/o Aldrich Joseph Uy Gomez	San Antonio, Delfin Albano
219	Antonio Gangan	Alinguigan 2nd, City of Ilagan
220	Analiza Lugo Tagufa	District 2, Tumauni
221	2930 Premiere Merchandise Inc. c/o Johnvic G. Viernes	Bugallon Proper, Ramon
222	Loreto Maluyo Jr.	Karagsakan Rizal, Roxas
223	VB Manubay Const. C/o Veronica B. Manubay	Plaridel, Santiago City
224	Jose A. Luis	Laoag, San Agustin
225	Leopoldo T. Antonio	Roma Norte, Enrile, Cagayan
226	Johnwel Drilling Const. Services c/o Silving M. Sanchez	San Ignacio, City of Ilagan, Isabela
227	Reynaldo T. Braceros	Usol, Jones
228	North Golden Star c/o Robert T. Uy	Masaya Sur, San Agustin
229	Rizza Mae Beltran Cabarloc	Calamagui 1st, City of Ilagan
230	Clifford S. Juan	Bagong Tanza, Aurora
231	Jonathan D. Navalta	Munoz East, Roxas
232	EJ Celestino Hallow Blocks & Concrete Products c/o Edna A. Celestino	Sta. Cruz, Alicia, Isabela
233	Bataraza Mini Lumber and Hardware c/o Wesley Pascua Sales	Bgry. Centro 3, Luna
234	NITAS Hardware and Buying Station c/o Nenita B. Uy	San Mateo, Tumauni, Isabela
235	Dennis R. Dumali	Bantug, Tumauni
236	Susan A. Padaca	Fugu, Jones
237	Jay-Cris A. Semana	San Lorenzo, City of Ilagan
238	Emerson Palloran Abarra	Karikkikan, City of Ilagan
239	Vulture Builders and General Merchandise c/o Eddie M. Pua	Rizal Avenue, District 2, Cauayan City
240	Bonifacio Sapipi	San Manuel, Isabela
241	JVP Hardware c/o Jester Cue Pua	10 Quezon St., Brgy. Magsaysay, Alicia
242	GM Auto Supply c/o Geraldine Valdez	Benito Soliven, Isabela
243	Fermin S. Lusung	Ragan Sur, Delfin Albano, Isabela
244	Henry C. Costales, Jr.	Poblacion, Ramon
245	Rolando G. Dela Cruz, Jr.	Linamanan, Jones
246	EBD Trucking c/o Eliseo B. Dilag, Jr.	Minanga, San Mariano, Isabela
247	D.A Cadeliña Costruction c/o Evelyn/Daniel Cadeliña	Daramuangan Sur, San Mateo, Isabela
248	L.C Talon Construction c.o Leonardo C. Talon	Sampaloc, Cabatuan, Isabela
249	Rendelsen Cariaga Uy	Mabini, Gamu, Isabela
250	Roger C. Dela Cruz	San Antonino, Burgos, Isabela
251	Gemma Oh's Enterprises c/o Gemma C. Oh	Cabaruan, Cauayan City
252	Rufino Butac, Jr	District 2, Benito Soliven, Isabela
253	Lucky Grains Rice Mill c/o William T. Uy	Diamantina, Cabatuan
254	Alpha Construction Company c/o Frederick Dawin Ngipoz	Kiangan, Ifugao
255	Sulung Asenso Farmers Multi-Purpose Coop. c/o Jose Mapdatu	Roma Norte, Enrile, Cagayan
256	MDU Enterprises Construction c/o Francis Matthew Uy	San Fermin, Cauayan City
257	Bolante Concrete Product c/o Remedios Bolante, Jr.	Purok 4 Malini, Santiago City
258	Jesell Gravel and Sand c/o Ephrain M. Daquiloag	106 Maharlika Highway Leonardo, Tuguegarao City, Cagayan
259	FM ORANI & Son's Development Corp. c/o Feliciano C. Orani, Sr.	Arellano, Quezon, Isabela

ENVIRONMENT AND NATURAL RESOURCES OFFICE

260	Nicolas J. Burgos	Jones, Isabela
261	Reginaldo T. Ancheta	Manaring, City of Ilagan, Isabela
262	Winston G. Evangelista	Zone III, San Mariano, Isabela
263	Joem Electrical & Hardware Supply c/o Gil A. Francisco	Barangay I, San Mateo, Isabela
264	Dione T. Julian	Napaliong, Jones, Isabela
265	Felix C. Laurino	Minuri, Jones, Isabela
266	Allan C. Carabaccan	Minuri, Jones, Isabela
267	Joey Balloran	Minuri, Jones, Isabela
268	Nestor L. Rivera	Diamantina, Cabatuan
269	D'HOME Depot Enterprises c/o Sherwin Cadeliña	Dagupan, San Mateo, Isabela
270	Rico Tionsgon	Solano, Nueva Vizcaya
271	Reynaldo F. Galano	Papan Este, Jones, Isabela
272	George's Maximo	Napaliong, Jones, Isabela
273	Jayson B. Toponio	Papan Este, Jones, Isabela
274	4A'S Construction c/o Floren L. Ambatali	Calamagui 2nd, City of Ilagan, Isabela
275	RRC Construction c/o Reynilo R. Chua	Rang-ayan, Roxas, Isabela
276	Jovencion N. Manuel	Baluarte, Santiago City
277	AAO Trading c/o Ardiano A. Olavidez and Maribel C. Olavidez	Hilltop, Naguilian, Isabela
278	Severo A. Cadiente, Jr.	Masaya Norte, San Agustin, Isabela
279	Argie Buliders & Construction supply c/o Roy Wilson Gaspar	Samplaoc, Cabatuan, Isabela
280	SDS Trading c/o Winder B. Sibaen	Batal, Santiago City
281	Melanie S. uy	Barangay 1, Jones, Isabela
282	Jijomer Const. c/o Jinkee Lou M. Gaddi	Capirpiriwan, Jones, Isabela
283	Aeron Hardware c/o Aeron T. Malenab	Naguilian Sur, City Of Ilagan, Isabela
284	Chester M. Reyes	Dibuluan, Jones, Isabela
285	Jeffrey Jones L. Cabbab	Zone 2, San Mariono, Isabela
286	Bonanza Construction & Agri Supply c/o Remigio D. Manayan	Abulan, Jones
287	Napoleon D. Arganza	San Antonino, Delfin Albano
288	Rey D. Sy	Centro, Sto.Tomas, Isabela
289	Jehan Leigh Electrical Supplies and Gen. Merchandise c/o Marissa A. Cailer	Antonio, Alicia, Isabela
290	Rock Sand Stone Master Builders Co. c/o Lenard Sherwin B. Pua	Saranay, Cabatuan, Isabela
291	Editha V. Miguel	Dibuluan, Jones, Isabela
292	Remegio M. Valerozo	Sandiat, San Manuel, Isabela
293	ALB Gasoline Station c/o Angel C. Bassig, Jr.	Magsaysay, Naguilian, Isabela
294	Eduardo S. Caybyab	Batong- Labang, City of Ilagan, Isabela
295	Reonel R. Paulino	Linomot, Jones, Isabela
296	Alfonso B. Rivera, Jr.	Maligaya, Tumauini, Isabela
297	Asian Acropolis Builders c/o Ralph R. Abella	Calao East, Santiago City
298	HTL Construction c/o Purita Lim	Jones, Isabela
299	E.S. Pua Contruccion c/o Eddie S. Pua	Bliss Village, City of Ilagan, Isabela
300	Acorda Gravel and Sand and Lumber c/o Anna Marie V. Acorda	Upi, Gamu
301	Robert Lim	Ramon, Isabela
302	Dionisio Y. Valdez	Minuri, Jones, Isabela
303	Gumgwang Construction Co. LTD c/o Alex Kim and Jeong Pyo	Pasa, City of Ilagan, Isabela
304	Artemiio Y. Passion	Dibuluan, Jones, Isabela
305	Eugenio R. Arcinas	Magsaysay, Alicia, Isabela

ENVIRONMENT AND NATURAL RESOURCES OFFICE

306	Robert Alejo	Saranay, Cabatuan, Isabela
307	Marcial Matusalem	Alibagu, City of Ilagan, Isabela
308	Domingo A. Maximo	Napaliong, Jones, Isabela
309	Carmelita V. Agbayani	Napaliong, Jones, Isabela
310	Joel B. Araña	Digumased, Dinapigue, Isabela
311	Gilbert C. Corsino	Rang-ay, San Agustin, Isabela
312	Jun-jun A. Cuaresma	Cabisera n10, City of Ilagan, Isabela
313	Menchi D. Yasol	Virgoneza, San Agustin, Isabela
314	JC Palomo Construction c/o Jesus C. Palomo	Rizal, Santiago City, Isabela
315	Caltex Gasoline Station c/o Ely G. Mallanao	Cabagan, Isabela
316	Colobong Gravel and Sand c/o Chartnell G. Colobong	Diarao, Jones, Isabela
317	Anthony Petter G. Rodriguez	Alibagu, City of Ilagan, Isabela
318	Cawelan Junkshop and Hardware c/o Darlina B. Olalan	Divisoria, Santiago City, Isabela
319	Gerlyn G. Ventura	Usol, Jones, Isabela
320	Triple Y CHB Gravel and Sand c/o Jeanne C. Pineda	Calao East, Diliman, Quezon City
321	CM Pancho Construction INC.	Scout Borromeo, Diliman, Quezon City
322	Jesus Chinyuna	Wigan, Cordon, Isabela
323	Arlene P. Chy	Linomot, Jones, Isabela
324	Rodel D. Cascayan	Napaliong, Jones, Isabela
325	Pres- C Hardware and General Merchandise	San Antonino, Burgos, Isabela
326	AHB Construction and Supply c/o Narciso L. bilayon, Jr.	Capirpiriwan, Jones, Isabela
327	Raysan R. Santiago	Zone III, San Mariano, Isabela
328	LA Agritech Farm Supply	Masaya Centro, San Agustin, Isabela
329	Marlene Builders and Construction Supply c/o Jerrico A. Dimal	Malapat, Cordon, Isabela
330	Danilo A. Maramag	Calamagui 1st, City of Ilagan, Isabela
331	TJ's Concrete Products and Construction Supply c/o Josephine T. Bautista	Rizal, Santiago City, Isabela
332	CA Enterprises c/o Randy C. Abello	Batal, Santiago City
333	JUB Hardware and Construction Supply c/o Juliet U. Bautista	Alibagu, City of Ilagan, Isabela
334	Rodel S. Cabasag	Sta. Isabel Sur, City of Ilagan, Isabela
335	DST Metal Craft and Engeeniring Works c/o Engr. Antonio C. Dalauidao	District II, Cauayan City, Isabela
336	Edward y. Domingo	Old San Mariano, San Marioano, Isabela
337	Engr. Crispin J. Laroco	Raniag, Burgos, Isabela
338	Katha Builders and Supplies c/o Katherine T. Leoncio	Guyong, Sta. Maria, Isabela
339	Antonio M. Balauag	Sto. Domingo, Echague
340	Jose T. Marrero	Calao West, Santiago City
341	Geraldine B. Denna	Cento San Antonio, City of Ilagan, Isabela
342	Clarinda C. Galiza	Zone III, San Mariano, Isabela
343	Remedios P. Cantor	San Isidro, City of Ilagan
344	Estrella Bumagat	Bitabian, San Mariano
345	Aldem Contruction and Supply C/o Alex H. Clemente	Malvar, Santiago City
346	Alejandro G. Co	Plaridel, Santiago City
347	Dominador Garay	San Andres, Santiago City
348	Deolita F. Deang	Salinungan East, San Mateo
349	Recto P. Ridao	Malapat, Cordon, Isabela
350	Rolando L. Tugade	Sta. Victoria, City of Ilagan
351	Ernesto D. Imbag, Jr.	Bugallon Proper, Ramon
352	Moises Tan Lim	Callao East, Santiago City
353	Arnel Agustin	Solano, Cagayan
354	Basilio M. Peneda III	San Antonio, Delfin Alabano

ENVIRONMENT AND NATURAL RESOURCES OFFICE

355	James D. Andres	San Ramon, Aurora
356	Reymundo Guillermo	Solana, Cagayan
357	Ulysis E. Salvador	Cabisera 7, San Antonio, City of Ilagan
358	R and R Harware	Culalabo, Del Norte, Burgos
359	Guillermo R. Gatpandan, Jr.	Ipil, Echague
360	Cris Dominic Pastor	Loria, Angadanan
361	GAPTV Construction	Catabayungan, Cabagan
362	Jo Leo V. Gambito	Don Mariano, Bayombong
363	Henry T. Abejo, Jr.	Sampaguita, Solana
364	Western General Construction and Supplies	Rizal, Santiago City
365	Loreleen A. Ruano	Laria, Angadanan
366	Danilo S. Lotino	Usol, Jones
367	AC Nita's Hardware and General Merchandise	San Antonio, Delfin Albano
368	Arlyn L. Bartolome	Marana 1st, City of Ilagan
369	Leticia Vega	Calamagui 1st, City of Ilagan
370	A5 Hardware and Electrical Supplies c/o Ejimar Jimenez	San Pedro, Tumauini, Isabela
371	Ganie Construction c/o Samuel P. Ganela	Upi, Gamu
372	Reymond E. Ignacio	Roma Sur, Enrile, Cagayan
373	Alexander S. Telan	Minanga, San Mariano, Isabela
374	Joel C. Maximo	Minuri, Jones, Isabela
375	Jomar M. Cascayan	Minuri, Jones, Isabela
376	Edgar F. Duran	Cabulay, Santiago City, Isabela
377	Syan Trucking Services rep. by Malia A. Pe	Sto. Domingo, Alicia, Isabela
378	Golden Stone Construction and Development c/o Alvin Diaz Uy	Napaccu Pequeno, Reina Mercedes, Isabela
379	Vicente Pata Gravel and Sand c/o Vicente Pua	Rosario, Santiago City
380	Ricci M. Bambico	Magsaysay, Alicia, Isabela
381	Carlos E. Badua	Sta. Filomena, San Mariano, Isabela
382	Douglas B. Ganaban	Carig Sur, Tuguegarao City, Isabela
383	Mabuhay Concrete Products	Plaridel, Santiago City
384	JTM Construction	Purok Datu, Bulanao, Tabuk City, Kalinga
385	Duphast Trading and Construction	Alinguigan 2nd, City of Ilagan
386	Rodolfo A. Almazan, Jr.	San Antonio, Delfin Albano
387	Jesus C. Cabrera	San Fabian, Echague, Isabela
388	Felix C. Laurino	Dibuluan, Jones, Isabela
389	MOP Buying Station	Calamagui 2nd, City of Ilagan, Isabela
390	Jackson's Buying Station	Calamagui 2nd, City of Ilagan, Isabela
391	Marites Ferrer	Sindun Bayabo, City of Ilagan, Isabela
392	Nelson T. Mejia, Jr.	Barangay 2, Jones, Isabela
393	Juanito G. Frejas	Upi, Gamu
394	Ricardo R. Mencias	Camarao, Cordon, Isabela
395	Shankey Construction c/o Patrick Taguinod	Centro East, Santiago City, Isabela
396	RPRamos Construction c/o Roberto P. Ramos	Barangay I, San Mateo, Isabela

b. Monitoring of Extraction Activities

The Office conducted regular monitoring of all mining and quarry areas regarding strict enforcement and implementation of Provincial Ordinance No. 5, series of 2014. Strong partnership with LGUs having sand and gravel extraction activities is manifested thru continuous dialogues and meetings together with the permit holders and operators. The

Isabela Environment Protection - Task Force (ISEP-TF) operative members were dispatched to conduct regular monitoring, field inspection and verification of sand and gravel extraction activities within the one (1) city and twenty-six (26) municipalities covering ninety one (91) barangays. The team also assisted the PTO in the collection of fees and taxes due to the province.

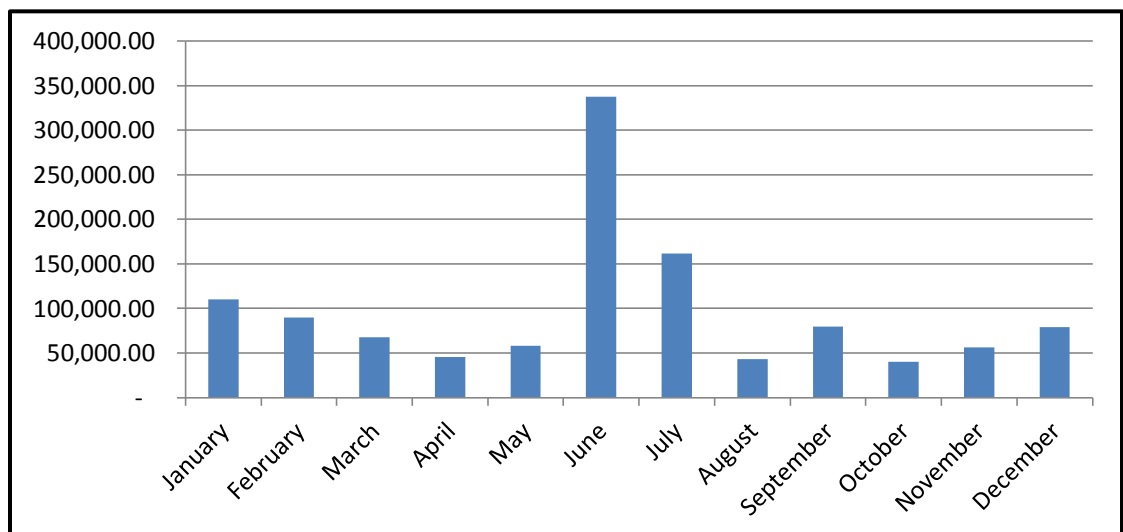
➤ **Quarry Area Inspection and Field Monitoring**

Field verification was conducted by ENR personnel in applied quarry areas by permit applicants within the province. The inspection aims to validate the quarry areas based on survey plans submitted to this office.

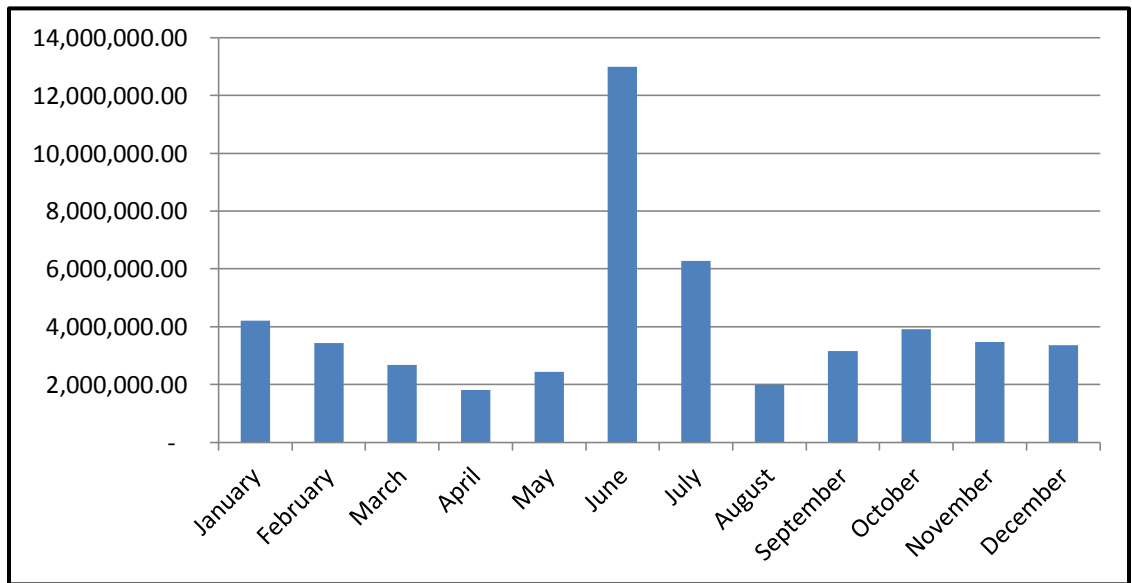


Monitoring of sand and gravel extraction activities were conducted monitoring reports using daily monitoring forms and delivery receipts counterchecked by our field officers and regularly submitted to the Office by the checkers. Upon reconciliation, said records were forwarded to the Office of the Provincial Treasurer. For 2018, the total volume of **One Million Ninety Thousand One Hundred Twenty Seven and 51/100 cubic meter (1,090,127.51 cu.m.)** of mineral and quarry resources were extracted with corresponding gross tax payment collected amounting to **Forty Nine Million Seven Hundred Forty Four Thousand Nine Hundred Seventeen pesos and 52/100 centavos (Php 49,744,917.52)**.

Monthly Trend on Mineral and Quarry Extraction in Cubic Meters for the Year 2018



Monthly Trend on Quarry Taxes and Other Fees Collection for the Year 2018



➤ **Monitoring of Minahang Bayan in Dinapigue**

Regular monitoring on the status/activities of the Minahang Bayan area located at Sitio Dimakawal, Bucal Sur/Bucal Norte, Dinapigue, Isabela were being conducted by ENR Personnel.

Together with the DENR, Municipal LGU, PNP, BLGU, and other stakeholders, the regular conduct of ocular inspections in the areas aimed to prevent illegal mining activities that may sometimes occur.



c. Investigation/Settlement of Quarry and Mining Related Complaints

➤ **San Mateo, Isabela**

In response to the letter of Ms. Gerlyn Gerebise, CSAG Permit Applicant requesting for ocular inspection and site validation on her applied area located at Barangay Estrella, San Mateo which is allegedly in conflict with Barangay San Juan, Alfonso Lista, Ifugao, ENRO Personnel in coordination with LGU San Mateo, Barangay Estrella and PNP San Mateo conducted ocular inspection of the area in conflict on February 14, 2018. Based on the facts presented during the inspection and dialogue with the stakeholders present, the conflict emanated from the parcel of land claimed to

be purchased by the applicant from RCBC Bank and the permit holder from Ifugao claiming he purchased said area from a private owner.



In conclusion, the team decided that quarry operations in the area to remain status quo but asked the quarry checkers of both barangays to monitor and list every hauled aggregate that will be transported from the quarry areas. Further, it was recommended that Ms. Gerebise must request the RCBC Bank to conduct relocation of her purchased land and to consult for legal opinion regarding the matter.

➤ City of Ilagan, Isabela

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 prompted 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.



II. **PROVINCIAL MINING REGULATORY BOARD (PMRB) MEETINGS**

As member of PMRB, this office joined the four (4) meetings of the Board this year to settle issues and concerns regarding the utilization of mineral resources in the province and to evaluate & endorsed CSAG application permits and other permits to the Provincial Governor for his approval.



Main concerns and issues tackled in the meetings were the deliberation of Applications for Commercial Sand and Gravel and Quarry Permits. During the deliberation, permit applicants attended and given the opportunity to present themselves in relation to their permit applications. With this, the list of applicants who has satisfactorily completed all the necessary requirements were finalized and endorsed for final approval of the Provincial Governor thru PMRB Resolution No. 01. Also, updates on the status of the applied Minahang Bayan area at the Municipalities of Dinapigue and Cordon were presented and discussed. Upon consideration of the issues being raised, the Board unanimously approved thru Resolution No. 02 to seek clearance from DENR through the MGB Central Office for the declaration of the proposed Minahang Bayan without prejudice that the entire applied area be declared as Minahang Bayan.



III. **OTHER INSTITUTIONAL STRATEGIES RE PROVINCIAL ORDINANCE NO. 05 IMPLEMENTATION**

On January 19, 2018, a consultative meeting was conducted with the Department of Public Works and Highways (DPWH) and National Irrigation Administration (NIA) regarding strict monitoring of sand and gravel operations and collection of taxes by the Provincial Government. The partner-agencies were enjoined in the quest of the Provincial Government to strictly enforced Provincial Ordinance No. 05 series of 2014.

Highlights of the meeting included the request of the Provincial Governor for the provision of copies of awarded/bidder Program of Works (POW) of all DPWH and NIA project undertakings to serve as basis for the PTO Isabela in the collection of corresponding quarry taxes from the sand and gravel requirements of all projects. Also, he requested that a CLEARANCE from the PTO be included as a PREREQUISITE prior to the issuance of Notice to Proceed to serve as proof that contractors have already paid their quarry tax obligations. Other matters discussed include cases when the contractor bought gravel and sand from private haulers/permit holder, an Official Receipt (from Hardware) and/or completely filled-up Delivery Receipt issued by Permit holders/haulers shall be required. For government projects, particularly those maintenance and repair activities without budget allocation and/or caused by unforeseen events such as typhoons, the DPWH/NIA shall submit and/or pre-identify said projects to the PGI to ensure that “maintenance issues” shall not be taken with advantage. A GRATUITOUS PERMIT can also be issued to government projects which require a very minimal volume of sand and gravel resources.



It was agreed that A Memorandum of Agreement shall be entered into by the PGI and concerned agencies to ensure proper implementation of the matters discussed. However, due to the long process, the Provincial Governor has issued **Executive Order No. 15, series of 2018** Directing all Local Government Units thru their Local Chief Executives to submit approved Programs of Work of all Infrastructure Projects awarded to Private Contractors being implemented within their respective territorial jurisdictions and enjoining the heads of National Agencies within the Province particularly the Department of Public Works and Highways, Department of Agriculture, National Irrigation Administration and Department of Health to submit to the Provincial Government copies of Program of Work/Bill of Materials of Awarded/Bidder Projects for Tax Assessment and Other Related Purposes.

ACTIVITIES UNDERTAKEN IN SUPPORT OF THE ILAGAN-DIVILACAN ROAD REHABILITATION AND IMPROVEMENT PROJECT (IDRRIP)

1. *Monitoring and Documentation*

The concerned personnel together with partner agencies and concerned stakeholders continuously conducted monitoring and documentation of the Ilagan-Divilacan Road Rehabilitation and Improvement Project (IDRRIP) compliance. The following activities were conducted this reporting period, to wit:

- Ocular visit and field evaluation of the additional area for IDRRIP reforestation;
- Documentation of environmental issues and concerns besetting the IDRRIP;
- Recording of people (Logbook) travelling the road;
- Inspection of the road status with the inspectorate team;
- Foot patrol works; and
- Multi-partite Monitoring Team (MMT) Field Monitoring activity with the members of the MMT from different sectors and government agencies and NGO last March 23, 2018.



2. *Reforestation and Tree Planting Activities*

In support of the road project, the ENR Office continuously implemented its reforestation project component. The 32-hectare reforestation area along the vicinities of IDRRIP at So. Disipun, Sindun Bayabo, City of Ilagan, Isabela were planted with 34,100 assorted forest tree seedlings. In addition, the following activities were undertaken, to wit:

- Monitoring of planted seedlings at reforestation sites. Survival rate remains high especially on planted Narra seedlings;



- Maintenance of planting stock nursery, and the reforestation plantation sites during the past years thru replanting, grass cutting and fertilizer application;



- Site preparation and tree planting activities conducted by ENR personnel and ISEP-TF Operatives assigned at Lagis and participated by ISU-Echague students with One Thousand Narra seedlings planted; and
- Application of organic fertilizer at the CMP planting site between Km 22-23 and the previously established plantation sites at Km 19 and 21.

3. Inventory of Forest Occupants/Informal Settlers

The concerned ENRO personnel together with DENR-PENRO, DENR-CENRO Naguilian, City LGU Ilagan and MLGU San Mariano representatives conducted an inventory/census of forest occupants/informal settlers along the vicinities of Ilagan-Divilacan Road Rehabilitation & Improvement Project (So. Disipol & So. Lagis) last April 24 to April 27, 2018. In summary, the team was able to census a total of seventy one (71) forest occupants/informal settlers within and along the vicinities of the Ilagan-Divilacan Road Rehabilitation and Improvement Project (IDRRIP) to start from Bigao Crossing (km 13) to Sitio Lagis (km 18). Most of these informal settlers were from the City of Ilagan and San Mariano, Isabela.



Following the census, the DENR-CENRO Naguilian organized a dialogue with the inventoried forest occupants/informal settlers at their Office duly attended by the inventory team. The dialogue focused on the issues of settlements and kaingin at the buffer zone of Northern Sierra Madre Natural Park (NSMNP). The joint team explained to the settlers that their occupancy in the area is considered a threat to the NSMNP if not managed properly. Thus, the government is planning strategies/ways (i.e. relocation of settlers) to properly manage the area and the people living thereat. The joint government agencies

requested the support and participation of the settlers in whatever plans and projects that will be implemented in the area. Moreover, the team also requested the settlers to refrain from extending their “dappat” and from doing other illegal activities and to report any new kaingin and other illegal activities that will be observed in the area. The settlers gave their support to the request of the joint-team.



An open forum was also conducted to discuss issues and concerns of the settlers. Various issues and concerns were then raised such as what are the plans for them; are they being relocated; what will happen to their farms; and others. Some of the settlers especially from Lagis also requested the team that if possible, they will continue farming their lands (dappat) since it is their only source of living and the reason why they were there in the area prior to the road project.

On October 2018, the same team conducted another inventory focusing only on the original forest occupants residing at So. Lagis, Sindun Bayabo, City of Ilagan, Isabela.

The results of the conducted inventories were submitted to proper authorities for evaluation and guidance for decision-making.

4. Information, Education and Communication Campaign

In relation to the inventory of forest occupants, information drives were also conducted by the same team which focused on: the importance of the Northern Sierra Madre Natural Park (NSMNP), the issue on forest occupancy in the area, and others. Moreover, on July 12-16, 2019, ENRO personnel together with DENR-CENRO Naguilian, PNP-Isabela, and Philippine Army, City LGU of Ilagan and Municipal LGU of San Mariano personnel 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 – that is, to inform them (forest settlers) to vacate their occupied areas except those original occupants who will be relocated later on. After which, issuance of final notice took place.





5. Social Development Programs

The Provincial Government of Isabela led by its PSWD Office and participated by different offices of the province continuously conducted regular visits to the Agta communities along IDRRIP. The following activities were undertaken, to wit:

- Provision of regular food packs, house supplies and school supplies
- Medical and Dental Assistance
- Farm techniques assistance
- Tree planting activities (fruit-tree seedlings) and organic fertilizer
- Clean-up drives



6. *Sorting, Hauling and Resizing of Cut Trees at Log Pond Areas*

The assigned ENRO personnel and ISEP-TF Operatives with the help of CM Pancho Construction Inc. and Provincial Engineering Office conducted hauling of cut trees along the road project and transported to the nearest log pond areas. Log pond area at Km. 21 and the two newly established log pond areas at Km. 32+600 and 37+870 served as temporary storage of the logs hauled. Sorting and resizing of logs were then conducted.

7. *Other activities*

May 15, 2018 – Organized a meeting with Project Monitoring Unit of Ilagan-Divilacan Road Rehabilitation and Improvement Project regarding finalization of the Terminal Report for Special Tree Cutting and Earth-Balling Permit to be submitted to the DENR.



INFORMATION, EDUCATION AND COMMUNICATION (IEC) ACTIVITIES

1. IEC on Environment and Forestry Laws

Information, Education, Communication (IEC) and Advocacy Campaigns on Environment and Forestry Laws have been conducted by the Provincial Government of Isabela thru its Environment and Natural Resources Office (ENRO) in coordination with the City/Municipal Local Government Units of the province. The IEC is one of the continuing programs of ENR Office that aims to educate and increase the awareness of local communities especially the Barangay Officials and environment stakeholders on existing environmental policies and forestry laws such as R.A. 9003 otherwise known as Ecological Solid Waste Management Act of 2000, R.A. 8749-Philippine Clean Air Act, R.A. 9275-Philippine Clean Water Act, P.D. 705-Revised Forestry Code of the Philippines, and other related laws deemed important for everybody's information.



For the year under report, the IEC activities were conducted in ten (10) municipalities of the province, namely: San Mariano, Benito Soliven, Dinapigue, Naguilian, Gamu, Tumauni, Delfin Albano, Echague, Cabagan and Cabatuan. The participants were the Municipal and Barangay Officials of the concerned MLGU and selected residents of the host barangay where the activity was conducted. The salient points of different laws were discussed especially the prohibited acts and the

roles and responsibilities of Municipal and Barangay Local Government Units and its constituents in the implementation of these laws. One of the important laws that were timely discussed is the R.A. 9003 or the Ecological Solid Waste Management Act of 2000. The importance of everyone's participation not just the LGUs but also its constituents to solve the arising problem of solid wastes was highlighted in the activity. In the end, everyone was encouraged to practice backyard composting of biodegradable waste within their respective houses, proper segregation of wastes separating recyclable and reusable materials from residuals thus significantly reducing the wastes that will be collected and transported to the LGU's Sanitary Landfill (SLF). The Barangay Officials were also encouraged to help its constituents on solid waste management by cascading information on proper waste segregation and to include in their Barangay Development Plan some projects/programs on solid waste management.



2. IEC Campaign thru Hands-on Training on Agroforestry Systems

The Hands-on Training on Agroforestry Systems that was conducted by this Office thru the application of appropriate Soil and Water Conservation (SWC) measures like the Sloping Agricultural Land Technology (SALT) was intended for the hilly land farmers within the IDRRIP impact barangays with at least 10 participants from Sindun Bayabo, Sindun Maride, Paliweg, Villa Imelda and Cabisera 10 because most of these upland areas are prone to erosion and landslides due to the farmers' extensive and destructive farming practices.

In conjunction with the said training and as part of the IEC, the participants were also informed of the three (3) environmental occasions being celebrated during the month of November as follows: National Environmental Awareness Month, Clean Air Month and Climate Change



Consciousness Week (Nov. 19-24). For the training module, power point presentations were on what agroforestry is and the different Agroforestry Systems and its application, what are SWC and SALT are all about and why the need for these agroforestry systems. On the practicum side, the participants were taught how to construct and make use of the A-Frame – the simple tool used in determining contour lines and then had an actual field demonstration and application by the participants.

3. IEC on Riparian Development

Information, Education, Communication (IEC) on Riparian Development was also conducted prior to the implementation of riparian development projects of the office. This aims to brief the Barangay Officials and stakeholders of the target barangays for the project on what riparian and riparian development are all about, its basic concepts and legal basis for its implementation especially on the Riparian Zones of any bodies of water like rivers, creeks, streams, etc. Such project undertakings were being emphasized to help mitigate erosion caused by extreme flow velocities and flooding due to geographical locations. The IEC was conducted at Cabisera 22, City of Ilagan, Municipal Hall of Sto. Tomas and Municipal Hall of Echague, Isabela.



4. IEC in Celebration of Philippine Environment Month

In celebration of Philippine Environment Month, personnel of the office conducted an information drive at Dinapigue Central School and Dinapigue National High School. Two (2) classrooms of Grade Six pupils and three (3) classrooms of Grades Eleven and Twelve students were visited respectively. The importance of waste management, some facts about plastic pollution and practical tips on how to reduce plastic residuals in households

and in schools that can be easily applied by the students were some of the topics discussed during the activity.



5. Pagsasanay sa Pagpapatatag ng Samahan ng Isabela Environment Protection-Task Force (ISEP-TF)

With the continuous advancement of the ISEP-TF mandated tasks, the Provincial Leadership has acknowledged the need to improve and strengthen their aptitude and camaraderie as well as update themselves on the different intricacies of being law enforcers and good stewards of the environment and natural resources. This training was purposely conducted for the ISEP-TF Operatives to develop and enhance their social and cognitive abilities, develop better communication skills and strengthen their working

relationships with one another for effective and efficient delivery of services to our constituents.



*Left: ISEP-TF Operative Members undergoing Values Orientation Workshop:Pagka-tagapaglingkod
Right: The ENR Officer in his inspirational message during the Team Building Activity.*

6. IEC in support of IDRRIP

Series of dialogue and meetings were conducted by the joint team composed of personnel from this office, DENR-PENRO, DENR-CENRO Naguilian, City LGU Ilagan and MLGU San Mariano with the forest occupants/informal settlers residing along the vicinities of IDRRIP (So. Lagis and So. Disipun, Sindun Bayabo, City of Ilagan). The team explained the purpose of the dialogue/meeting, their illegal occupancy of the forest areas, its consequences and the importance of protecting the Northern Sierra Madre Natural Park (NSMNP).

INTERVENING AND OTHER RELATED ACTIVITIES

1. *Pasa SRIP Watershed Management Restoration Project Inter-Agency Council/ Technical Working Group*

As regular member of the IAC-TWG of the Pasa SRIP WMRP, ENRO personnel concerned regularly attended meetings, workshops and field validations of the Council and extended technical assistance in the implementation of the Watershed Management Restoration Plan. As per re-validation survey, the **174 hectares** identified area to be rehabilitated through reforestation, agroforestry development, enrichment planting and riparian along the dam's rim bank was reduced to **152 hectares**. As an update, the 152 hectares were already rehabilitated. A total of 168,000 assorted fruit-bearing and forest tree seedlings including bamboo propagules were planted in the area throughout the year.



2. *Personnel of this Office joint Composite Team with members from EMB R02, PGI-ENRO, BFAR R02, DENR-PENRO Isabela and DENR-CENRO Palanan-Dinapigue Sub Office in the conduct of investigation on the alleged massive fish kill at Ditapigue River, Dinapigue, Isabela.*

Personnel of this Office together with representatives from LGU Dinapigue, Indigenous People, Farmers, Fisherfolks and Religious Sector conducted actual water sampling and analysis on the alleged massive fish-kill at Ditapigue River, Dinapigue, Isabela. Prior to actual field investigation, data gathering and initial interview with the concerned citizens and complainants were already undertaken. Based on initial findings of the composite team thru the analysis of Chemist Joy A. Azarias and Chemical Engineer Shiela R. Casauay, the river lacks of oxygen due to weather condition and huge presence of algae.



3. *Joined the DENR B+WISER in the conduct of Field Assessment and Lawin Patrolling Activities at the Municipalities of Maconacon and Divilacan, Isabela.*



4. *Conducted activities in celebration of the Philippine Environment Month*

The Provincial Government of Isabela (PGI) in partnership with the Local Government Unit (LGU) of Dinapigue organized a tree planting activity in celebration of Philippine Environment Month. The LGU personnel and the ENR personnel conducted site preparation activities in the identified planting areas at Dinapigue Park and on the available roadside areas. Actual planting activity was conducted and participated by PGI-Farmers' Congress Team coming from different offices of the Provincial Government of Isabela, LGU of Dinapigue led by Mayor Reynaldo D. Derije, DENR-CENRO Sub-Office, media and other stakeholders. Around **300 assorted forest and fruit tree seedlings** were planted by the participants on June 26, 2018. Clean-up activities (picking-up of polyethylene bags and other residuals around the planting area) were also conducted by ENR personnel during and after the planting activity.



5. *In the observance of Disaster Risk Reduction & Management Resiliency Month and in line with Executive Order No. 17 series of 2018 issued by the Provincial 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 1st to Upper Manaring, City of Ilagan, Isabela accompanied by personnel of the Provincial Assessor's Office.*



6. *Served as Resource Speakers to Information, Education and Communication activities led by various Local Government Units, schools and other agencies.*

- a. For. Cecilia M. Asuncion served as Resource Speaker during the Ecological Solid Waste Management Seminar conducted by the Municipal LGUs of San Manuel and Quirino, Isabela with the Municipal Councils, Barangay Officials, Teachers, Youth and other concerned residents as participants.



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- b. For. Rosemarie T. Zabala and For. Dalisay A. Baligod served as Resource Speakers during the Environmental Awareness Campaign organized by Senior High School students of the Isabela School of Arts and Trades with focus on Republic Act 9003, Urban Greening, Forest Tree Parks Establishment and Forest and Environmental Laws. This was conducted in Barangay Osmena, City of Ilagan with participants coming from barangays Osmena, Calamagui 1st and Calamagui 2nd.



- c. Attended the Municipal DRRM Council and Solid Waste Management Committee meeting of LGU Cabagan in response to their invitation. For. Dalisay A. Baligod provided updates on activities in relation to RA 9003 compliance.



7. Attendance and participation to other meetings, conferences, conventions, trainings and other granted opportunities for professional growth and development thru continuing education programs.

Our Office is very much privileged to be given the opportunity by the Provincial Government to attend conferences, conventions and trainings for our technical capability enhancement and professional growth.

DATE	VENUE/LOCATION	TITLE	ATTENDEES
December 12-13, 2018	Quirino Sports Complex, Cabarroguis, Quirino	Assessment on the Status of Programs, Projects and Activities (PPAs) implemented by the different Regional Agencies and Local	CDA I Joyce N. Cabalonga

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		Government Units within the basin in line with the Climate-Responsive Integrated Cagayan River Basin Master Plan	
December 5-6, 2017	Hotel Carmelita, Diversion Road, Tuguegarao City	8 th Provincial Mining Regulatory Board Summit	ENRO Geronimo P. Cabaccan, Jr. CDO II Celia N. Badua EMS II Ronilo B. Juan CDA II Rogel A. Mansibang CDA II Jansen M. Castro CDA II Teodorico S. Bagunu CDA I Joyce N. Cabalonga DRIVER Rodrigo P. Cabaccan C/CDA I Francisco C. Galiza, Jr. C/CDA I Phoebe T. Legawen, C/AA IV Anthony T. Manuel
December 5, 2018	Tuguegarao City, Cayagan	Presentation of the Preliminary Updated Land Cover Maps of Isabela	CDA I Bladimir A. Pintucan
November 28, 2018	Tuguegarao City, Cayagan	Regional Ecology Center Year End Assessment	EMS I Dalisay A. Baligod
November 21-23, 2018	Baguio City	65 th Annual national Mine Safety and Environment Conference (ANMSEC) of the Philippine Mines Safety and Environment Association (PMSEA)	ENRO Geronimo P. Cabaccan, Jr., CDO II Celia N. Badua
November 15-16, 2018	B Hotel, Laging Handa, Quezon City	Consultation of Implementing Rules and Regulation (IRR) of Expanded national Integrated Protection Areas System (ENIPAS) Act of 2018	ENRO Geronimo P. Cabaccan, Jr.,
October 29-31, 2018	Tuguegarao City	Regional Orientation and Workshop on the Formulation of Provincial Results Matrices	CDA I Joyce N. Cabalonga
October 25-27, 2018	Puerto Princesa City Colisuem, Palawan.	National Conference of the Society of Filipino Foresters, Inc.	ENRO Geronimo P. Cabaccan, Jr., SEMS Cecilia M. Asuncion CDO II Rosemarie T. Zabala CDO II Celia N. Badua
October 9-10, 2018	CVPED Building, ISU Cabagan Campus	Northern Sierra Madre Natural Park Research & Conservation Planning Workshop	CDA I Joyce N. Cabalonga

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September 27, 2018	Tuguegarao City, Cayan	Learning Event on Water Related National Laws and Policies	CDA I Joyce N. Cabalonga
September 4-7, 2018	San Gabriel, Tuguegarao City	Workshop on Safe Closure & Rehabilitation Plan of Open and Controlled Dump Sites	SEMS Cecilia M. Asuncion
July 23-August 3, 2018	Ansan, Korea	Training Course on Watershed Management (Reforestation) in the Philippines	ENRO Geronimo P. Cabaccan, Jr. CDO II Rosemarie T. Zabala CDA I Bladimir A. Pintucan
June 20-21, 2018	Piazza Zicarelli, Gamu, Isabela	Regional Environment Summit	EMS I Dalisay A. Baligod CDA II Shirley S. Sia
June 18-20, 2018	Hotel Supreme, Baguio City	Regional Seminar Workshop on Changing Our World, Empowering Women through the Sustainable Development Goals (SDGs)	ENRO Geronimo P. Cabaccan, Jr
June 12-16, 2018	Diliman, Quezon City	Technical Writing Training on Coastal and Marine Ecosystem Management	CDA I Bladimir A. Pintucan
June 14, 2018	Piazza Zicarelli, Gamu, Isabela	EIA Practitioners on the Philippines EIS System	EMS I Dalisay A. Baligod
May 23-25, 2018	Baguio City	Capability Building Seminar on Environmental Planning Phase 3	CDA I Bladimir A. Pintucan
April 18-19, 2018	ISU Compound, Cabagan, Isabela	Advance Law Enforcement Training	C/CDA I Jay Ar A. Pabia C/CDA I JC Webster T. Sanchez
April 11-14, 2018	Davao City	9 th PLENRO National Convention	ENRO Geronimo P. Cabaccan, Jr. CDA I Joyce N. Cabalonga
April 4-6, 2018	Piazza Zicarelli, Gamu, Isabela	Training for Pollution Control Officers	CDA I Bladimir A. Pintucan
March 23, 2018	Balai, Capitol Compound, City of Ilagan, Isabela	Seminar on Pagka-Tagapaglingkod	CDA I Bladimir A. Pintucan C/CDA I Jay Ar A. Pabia C/CDA I JC Webster T. Sanchez
March 22, 2018	Solaire Resorts Manila	Waste Management Forum	CDA I Joyce N. Cabalonga
February 13, 2018	Piazza Zicarelli, Gamu, Isabela	Focus Group Discussion under the National Inquiry on Climate Change	CDA I Joyce N. Cabalonga
February 6-9, 2018	Hotel Stotsenberg, Clark, Pampanga	Training on Mangrove and Beach Forest Rehabilitation and Conservation	ENRO Geronimo P. Cabaccan, Jr. CDA I Joyce N. Cabalonga

ENVIRONMENT AND NATURAL RESOURCES OFFICE

January 16-18, 2018	Pulsar Hotel, Tuguegarao City	The Philippines Water Supply and Sanitation Master Plan Regional Workshop and Stakeholders Consultation	CDA I Joyce N. Cabalonga
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THE ENRO PERSONNEL

GERONIMO P. CABACCAN, JR.	- Environment and Natural Resources Officer
CECILIA M. ASUNCION	- SEMS/Chief, Environmental Mgmt. Div.
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CELIA N. BADUA	- CDO II/ Chief, Mineral Resources Mgmt. Div.
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DALISAY A. BALIGOD	- Environmental Mgmt. Specialist I
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TEODORICO S. BAGUNU	- Community Dev't. Assistant II
JANSEN S. CASTRO	- Community Dev't. Assistant II
ROGEL MANSIBANG	- Community Dev't. Assistant II
JOYCE N. CABALONGA	- Community Dev't. Assistant I
BLADIMIR A. PINTUCAN	- Community Dev't. Assistant I
GINA D. RUIZ	- Community Dev't. Assistant I
RODRIGO P. CABACCAN	- Driver
EDGAR B. MALANA	- Utility Worker

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JESSA C. RIVERO	- Admin. Aide III
FRENIE A. MORILLO	- Admin. Aide II
EDGAR B. AGGABAO	- Admin. Aide II
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Consolidated By:

Attested:

JOYCE N. CABALONGA
CDA I

GERONIMO P. CABACCAN, JR.
ENR Officer

Ecclesiastes 4:9,12 (NIV)

⁹Two are better than one, because they have a good return for their labor:

¹²Though one may be overpowered, two can defend themselves. A cord of three strands is not quickly broken.”