

## FOREST MANAGEMENT AND CONSERVATION DIVISION

### A. Forest Resources Development Activities:

#### **1. Nursery Operations & Maintenance Activities**

For the months under report, we have a seedling stock of **78,418** assorted fruit-bearing, forest trees and bamboo propagules. A total of 1,008 seedlings have been disposed to different requesting institution and individuals. Despite inevitable weather conditions, seedling mortality incurred was only minimal at 0.56% equivalent to **436** seedlings. The remaining stock balance as of March 31, 2019 at the Provincial Nursery is **76,974**. Maintaining the nursery are three laborers contracted thru Job Order supervised by one (1) technical personnel.



**Table 1. Inventory of Seedlings at Provincial Nursery as of March 2018**

Particulars	Stock Balance (Dec. 31 2018)	Procured and Produced	Total	Disposed	Mortality	Stock Balance (Mar. 31, 2019)
Forest tree seedlings	13,547	42,859	56,406	94	199	56,113
Fruit tree seedlings	7,914	12,519	20,433	914	187	19,332
Bamboo	1,579	-	1,579	-	50	1,529

To fully utilize the Provincial Clonal Nursery, technical personnel assigned at the Clonal Nursery initially established the hedge garden to be used as source of cuttings for cloning. Recognizing the need to equipped the personnel, this Office sent five (5) of its personnel to undergone Hands-on Training on Clonal Nursery Operation and Maintenance at the DENR-ERDB-WWRRDEC Clonal Nursery at Diadi, Nueva Vizcaya. On March 26 – 29, 2019, the trainees were briefed with the different components of a clonal nursery and exposed on actual cloning activities; from the preparation of soil media for rooting chambers, cutting of shoots, the processes prior to implanting and; the proper way of misting and maintenance of rooting beds during cloning process.



**Planting of Molave seedlings at the Clonal Nursery Hedge Garden.**

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Some of the photos taken during the Hands-on Training on Clonal Nursery activities of ENR Personnel.



The trainees were familiarized with the different component of the Clonal Nursery: Hedge Garden (Upper Left); Rooting Chamber (Upper Right); Recovery Shed (Lower Left); and the Hardening Area (Lower Right).

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

#### **a. Watershed Rehabilitation thru Reforestation**

In response to the request of the Local Government of Palanan thru the Municipal ENR Office, this Office conducted site evaluation of the proposed Watershed Rehabilitation project area at Barangay Bisag together with MENRO staff. The area is located at the foothills of the mountain and was destroyed by unknown kaingineros. Currently present in the area were scattered native banana trees only. The area is within the watershed irrigating the vast rice fields just below the foothills, hence are recommended for rehabilitation to ensure continuous water supply in the area.



#### **b. Mangrove Forest Rehabilitation**

In coordination with the Municipal Planning & Development Coordinator of the Local Government Unit of Maconacon, a 2-hectare mangrove area was identified for rehabilitation. Located at Barangay Reina Mercedes, the site was previously damaged by typhoons hence proposed under the Coastal Resources Management Program – Mangrove Rehabilitation Project. The project proposal was already approved and shall be implemented on April 2019 thru the contracted Job-Order workers.

## c. Beach Forest Rehabilitation

As part of project monitoring, this Office visited the Beach Rehabilitation Project plantation at Sitio Sabang, Barangay Maligaya together with the Municipal ENR Officer and the contracted laborers. Established on October 2018, the 5-month old plantation showed high rate of



Photo showing the propose area for expansion of the Beach Rehabilitation plantation at Sitio Sabang, Maligaya, Palanan.

survival evidenced by the sturdy seedlings. The laborers also conduct replanting according to the monitoring of MENRO where the seedlings planted were provided by their office. This is part of the LGU's commitment in ensuring the maintenance and protection of the project. Base on the result of project monitoring and evaluation, this Office recommended that the LGU be further assisted in the rehabilitation and protection of the said beach area and proposed for an additional 2-hectare rehabilitation area. As of March 2019, said proposal is now approved thru a Memorandum of Agreement between the Provincial Government of Isabela and the Local Government Unit of Palanan. Upon coordination with LGU Palanan thru the MENRO, implementation shall be done this April 2019.



Some photos of the Beach Forest Plantation established last October 2018 under the Coastal Resources Management Program of the Provincial Government of Isabela.

### **3. *Activities Undertaken in Support of IDRRIP***

- a. Monitoring and Documentation
  - ✓ Updates on the road situations;
  - ✓ Ocular visit and field evaluation of the IDRRIP reforestation areas;
  - ✓ Documentation of the issues and concerns besetting the IDRRIP reforestation areas;
- b. Maintenance and Protection of the Reforestation Area
  - ✓ Maintenance of the reforestation sites thru Brushing, ring weeding, soil cultivation, mulching and application of organic fertilizer to the seedlings;
  - ✓ Collection and potting of new collected wildling; and
  - ✓ Constructed additional monitoring base camp at Sitio Disipon.
- c. Foot patrol works

### **B. *Forest Protection and Law Enforcement:***

#### **1. *Manning of Checkpoints***

Among the six (6) checkpoints manned and maintained 24/7 by ISEP-TF Operatives, only the roving team and those assigned at Patrol Base Camp in Sitio Lagis concentrate on forest protection as the others were assigned to man different quarry outlets province-wide. The teams conducted surveillance, foot and mobile patrolling to detect occurrence of illegal gathering and transport of forest products. Aside from forest protection activities, those assigned at Sitio Lagis aside were at the same time conduct nursery activities, maintenance, protection and monitoring of the IDRRIP plantation areas.

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

For the months under report, there were no apprehension nor confiscation of illegally gathered and transported forest products, was recorded. However, the Provincial Government thru the ISEP-TF Operatives still conduct regular forest protection activities.

#### **3. *Donation of Forest Products***

A total of **385** pieces equivalent to **6,222.34** board feet of common hardwood species were donated for used during the Bambanti Celebration, repair of the Provincial Day Care Facilities and as frames for the BRO livelihood programs of the Provincial Government. Also, this Office conducted inspection and documentation of the forest products donated to various schools.

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Some of the photos taken from the following school-beneficiaries: La Salette Elementary School; Andabuen Elementary School; Maluno Integrated School Annex B; Balliao Integrated School and Sta. Cruz Elementary School

## ENVIRONMENTAL MANAGEMENT DIVISION

### **A. Search for the Most Environment Friendly Barangays**

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



The special meeting held at the Blue Room, Provincial Capitol on February 7, 2019.

On February 7, 2019, the Office spearheaded a meeting attended by the City/Municipal ENR Officers. The initial schedule of activities was presented together with the criteria to be used. It was reiterated that each city and municipality can only recommend one (1) barangay as their main entry hence encourages all Local Government Units to conduct their own search as their way of monitoring RA 9003 implementation of all barangays. The criteria of the Search were presented on March 22, 2019 where certain criterions enhanced to specific standards of both the barangay and household involvement in the law implementation.

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

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



Conduct of Pre WACS Orientation Seminar at Cabatuan, Isabela on March 8, 2019.



Actual conduct of WACS at Cabatuan, Isabela on March 13-15, 2019.



Actual conduct of WACS at Quezon, Isabela on February 22, 2019.

### C. Vermi-composting Facility

Manned by two Job-Order workers and supervised by one (1) technical personnel, a total of **Four Thousand Sixty (4,060) Kilograms of vermicast organic fertilizer** were produced at the facility from January to March, 2019. Further, an Organic Garden was established and maintained utilizing the organic fertilizer produced while a total of **3,425 kilograms** were released to various requesting individuals and partner agencies specifically the Office of the Provincial Agriculturist maintaining the Provincial Vegetable Nursery.



Operation and Maintenance of the Vermi-Composting Facility.



The first class organic fertilizer ready to harvest and undergo sieving prior to packaging and distribution to requesting agencies and individuals.



Establishment and development of an Organic Vegetable Garden utilizing the produced vermicasts and showcasing multi cropping as pest control measure.

## D. Ecosystem Management

### a. Clean-up Drives

In celebration of the World Water Day 2019, the Provincial Government thru this Office joined in the conduct of Region-wide River and Estero Clean-up activity last March 22, 2019 at Roxas, Isabela. Facilitated by the Local Government Unit of Roxas combined with personnel from the DENR and barangay officials, clean-up was made at Barangay San Rafael, along the waterways of a dried creek. Following the activity, this Office in partnership with the Municipal ENR Officer agreed for regular monitoring in the area to circumvent dumping of garbage and maintain cleanliness.

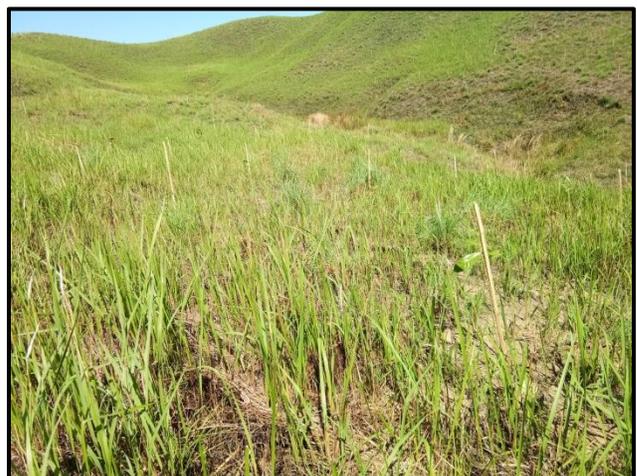


Portion of the area where clean-up activity was conducted.

### b. Pollution Control Measures thru Carbon Sink Plantation

The Office conducted monitoring of the established Carbon Sink Plantation project at Barangay Carmencita, Delfin Albano, Isabela last year of 2018. Survival rate was estimated to be at 90% hence recommended for the continuous protection and maintenance activities from the municipal counterpart and partner barangay.

As of March 31, 2019, this Office is currently coordinating with the different municipal counterparts for the identification of their propose areas which shall be subjected for evaluation. Project proposals shall be prepared and submitted for areas suitable for the objective of the program.



### E. Other Activities

#### a. *Technical Assistance*

The Mine Rehabilitation Fund (MRF) fee from extracted sand and gravel and other quarry resources is collected purposely for the rehabilitation of mined out/quarried area. Utilizing this fund thru an approved Environmental Work Program, this office supervised the tree planting project along Magat River within the jurisdiction of Barangays San Roque and Mapuroc, San Mateo and Barangay Rang-ay, Cabatuan, Isabela. With a total length of 12 kilometers riverbanks planted with bamboo and tree seedlings, the project activities were implemented by contracted Job-Order workers with the supervision and technical assistance of the ENR Office.



# ENVIRONMENT AND NATURAL RESOURCES OFFICE

## MINERAL RESOURCES MANAGEMENT DIVISION

### **A. Processing and Issuance of Permits**

- a. Commercial Sand and Gravel (CSAG)** – As of March 31, 2019, this office received **Seventy One (71)** 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 Four Thousand Three Hundred Thirty (Php 804,330.00) pesos only.**

	Name of Permit Applicant	Location of Area Applied	Status of Requirements (As of Mar. 31, 2019)
1	Cinderella M. Gatan	Casibarag Sur, Cabagan	In Complete
2	Flow of Pari-ir Development Corp.	Saranay, Cabatuan	In Complete
3	Gelacio S. Carlos, Jr.	Rang-ay, Cabatuan	In Complete
4	Rodelio M. Acosta	Del Pilar, Cabatuan	In Complete
5	Edison M. Pascual	Disimpit, Jones	In Complete
6	Felino C. Dalupang, Jr.	Pulay and Union Kalinga, Luna	In Complete
7	Serapio A. Cacal, Jr.	Lalog 1 & Lalgo II, Luna	In Complete
8	Nikko B. Tarayao	Bungad, San Pablo	In Complete
9	Aurora Employees Multi-Purpose Coop.	Camarunggayan, Kalabaza & Panecien, Aurora	In Complete
10	CTR Enterprises c/o Restituto P. Respicio	Turod, Reina Mercedes	In Complete
11	Engr. Elvin M. Ramos, Sr.	Casibarag Norte, Cabagan	In Complete
12	Florendo R. Usigan	Pilar, City of Ilagan	In Complete
13	Jhon-Jhon G. Piñera	Cabisera 10, City of Ilagan	In Complete
14	Cecilia P. Usigan	Batong Labang & Cabisera 25, City of Ilagan	In Complete
15	Peter Jay P. Capalad	Aggasian, City of Ilagan	In Complete
16	Flordeliza B. Balisi	Baculod, City of Ilagan	In Complete
17	Carlito M. Uy	Lenzon, Gamu	In Complete
18	Carlos Clyde U. Chan	Upi, Gamu	In Complete
19	Arnold S. Ferrer	Carpintero & Minanga, Tumauni	In Complete
20	Raul T. Sawit	Saranay, Cabatuan	In Complete
21	Christopher B. Uy	Sta. Visitacion, Tumauni	In Complete
22	Dutch Anne V. Uy	Carpintero, Tumauni	In Complete
23	Nenita B. Uy	Annafunan, Tumauni	In Complete
24	Alvin P. Uy	Sta. Catalina, Tumauni	In Complete
25	Julieta U. Bautista	Lenzon, Gamu	In Complete
26	Edwin P. Uy	Banquero, Reina Mercedes	In Complete
27	Accelerated Metal Technology and Construction	Guibang/District II, Gamu	In Complete
28	Uy's Hardware and General Merchandise	Sisim Abajo, Tumauni	In Complete
29	Rofelin M. Dela Cruz	Sinaoangan Sur, San Agustin	In Complete
30	Vedasto D. Villanueva	Cabisera 22, City of Ilagan	In Complete
31	Rosalino U. Urandayan, Jr.	San Ignacio, City of Ilagan	In Complete

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32	A1 & A2 Multi-Purpose Coop c/o Jose B. Gangan	Alinguigan 1st and Alinguigan 2 <sup>nd</sup> , City of Ilagan	In Complete
33	Barangay Nemmatan c/o Santos T. Leano	Nemmatan San Agustin	In Complete
34	Degulacion L. Cabbab	Zone 2 & Zone 3, San Mariano	In Complete
35	Guardians Philippines Inc. Jones Chapter	Barangay 2, Jones	In Complete
36	John G. Sumang	Usol, Jones	In Complete
37	WEMCT Construction and Steel fabrication	Virgoneza, San Agustin	In Complete
38	Jeiel B. Taccad	Carpintero, Tumauni	In Complete
39	Daniel Albano Cadeliña, Sr.	Marasat Pequeño, San Mateo	In Complete
40	Diorish B. Baccay	Garit Norte, Echague	In Complete
41	Mark Gil A. Cabungcal	Annafunan, Echague	In Complete
42	Rowena S. Domingo	San Roque, San Mateo	In Complete
43	Rolando Y. Domingo	San Roque, San Mateo	In Complete
44	Rommel A. Padilla	Santos, San Agustin	In Complete
45	Girlyn W. Gerebise	Estrella, San Mateo	In Complete
46	San Jose Calamagui Gravel and Sand, Inc. c/o Resurreccion B. Gatan	Calamagui East, Sta. Maria	In Complete
47	Lapogan Multi-Purpose Coop.	Lapogan, Tumauni	In Complete
48	Benito B. Duldulao, Jr.	Annanuman, San Pablo	In Complete
49	Glenn Moore Angelo E. Caramancion	Disimpit, Jones	In Complete
50	Kristpher E. Maltu	Cabisera 8, City of Ilagan	In Complete
51	Western Pinacanauan Development Coop. c/o Isidro S. Asiddao	Alinguigan 2 <sup>nd</sup> , City of Ilagan	In Complete
52	Jose A. Luis	Laoag & Panang, San Agustin	In Complete
53	Vicente C. Bayucan	Sta. Barbara, City of Ilagan	In Complete
54	Cielito M. Samiling	Mapuroc, San Mateo	In Complete
55	A De Guia Construction	Marasat Pequeno, San Mateo	In Complete
56	John Lorenz O. Bautista	Carpintero, Tumauni	In Complete
57	Carlofel M. Fortiveros	San Placido, Roxas	In Complete
58	Carlan P. Dinaman	Lacab, Jones	In Complete
59	Regg's Builders c/o Reginito M. Lopez	Daligan, Jones	In Complete
60	Ferdinand Laggui	Alinguigan 1 <sup>st</sup> & 2 <sup>nd</sup> , City of Ilagan	In Complete
61	Dean Anthony Arzaga	Cab. 14-16, City of Ilagan	In Complete
62	Analy F. Acosta	Culing Centro, Cabatuan	In Complete
63	Dragon Twelve Builders & Construction Supplies	Cubag, Cabagan	In Complete
64	Ruben E. Macadangdang	Rang-ay, Cabatuan	In Complete
65	Reynaldo G. Atuan, Jr.	San Rafael East, Sta. Maria	In Complete
66	Dolly F. Ariola	Calamagui 1 <sup>st</sup> , City of Ilagan	In Complete
67	Eduardo M. Frogoso	Dimaluadi, Dinapigue	In Complete
68	Bernard D. Bajet	Bucal Sur, Dinapigue	In Complete
69	Romeo F. Bautista	Ayod, Dinapigue	In Complete
70	Philip Bong F. Kionisala	Bucal Norte, Dinapigue	In Complete
71	Kevin A. Frogoso	Bucal Norte, Dinapigue	In Complete

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- b. Industrial Sand and Gravel (ISAG) Permit Application** – this office received **Four (4)** ISAG Permit Applications received with corresponding administrative/processing fees collected by the Provincial Treasurer’s Office amounting to **Forty Five Thousand Three Hundred Twenty (Php45,320.00)** pesos only.

Name of Permit Applicant		Location of Applied Area	Status of Requirements (As of Mar. 31, 2019)
1	Rosita D. Chua	Ambatali & Oscariz, Ramon	In Complete
2	Heizel D. Chua	Ambatali & Oscariz, Ramon	In Complete
3	Honey Rose D. Chua	Ambatali & Oscariz, Ramon	In Complete
4	Hershey Rose D. Chua	Ambatali & Oscariz, Ramon	In Complete

All Permit applications have completed the requirements based on Provincial Ordinance No. 05, series of 2014. However, upon review of the Provincial Mining Regulatory Board (PMRB), all applications were mandated to submit other documents as per Republic Act 7942 known as the Philippine Mining Act of 1995.

### **B. Accreditation of Haulers**

**As of March 31, 2019, a total of Three Hundred Sixty Two (362)** 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 Twelve Thousand Two Hundred Forty (Php 912,240.00)** pesos only.

These accredited haulers/dealers/traders and retailers were issued with a total of **One Thousand Five Hundred Ninety Nine (1,559) accreditation stickers** conspicuously pasted in each of their trucks with corresponding amount of **One Hundred Fifty Nine Thousand Nine Hundred (Php159,900.00)** paid to PTO.

#### **List of Accredited Haulers/Dealers/Traders and Retailers:**

Accreditation Permit No.	NAME	ADDRESS
001	Jan Francis O.Pua	Centro 3, Luna
002	WB Truckline Enterprises rep. by Wilson M. Balingao	San Luis, Cauayan City
003	Ines S. Cabaccan	San Isidro, City of Ilagan
004	Angelito S. Yu	Tangcul, City of Ilagan
005	Cinderella M. Gatan	Casibarag Sur, Cabagan
006	Indenpendencio C. Sibbaluca rep by Emily S. Santos	Guinatan, City of Ilagan
007	Edison M. Pascual	Fugo, Jones
008	Maria Ana Corazon Pasion Gerardo	Bliss Village, City of Ilagan
009	Albino Bautista	Saranay, Cabatuan
010	Marvin A. Reosia	San Andres, City of Ilagan
011	GSM Lumber and Hardware	Libag Norte, Tuguegarao, Cagayan
012	Efren S. Santiago	San Isidro, City of Ilagan
013	Reydel General Merchandise rep by Reynold B. Delmendo	Magsaysay, Alicia
014	Egbert M. Cabatuan	Casibarag Sur, Cabagan
015	Fragerr Construction	Poblocion, San Pablo

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016	Triple 222 Realty and Development rep by Vladdymer M. Lucas	Calao West, Santiago City
017	Antonio S. Yu, Sr.	San Isidro, City of Ilagan
018	Renato D. Ruiz	San Placido, Roxas
019	Stephen Lim Gravel and Sand	Ugad, Cabagan
020	Gaudencio A. Reyes, Jr.	Magsaysay, Alicia
021	AC and C Builders and Enterprises rep by Alvin D. Uy	Napaccu Pequeno, Reina Mercedes
022	Golden Stone Construction and Development rep by Alvin D. Uy	Napaccu Pequeno, Reina Mercedes
023	Engr. Joel L. Garcia	Garita, Cabagan
024	RCPS Construction and General Trading rep by Raul T. Sawit	San Fermin, Cauayan City
025	Joel P. Tamayao	Baligatan, City of Ilagan
026	Jay-Cris A. Semana	San Lorenzo, City of Ilagan
027	Temestocles A. Santos	District I, San Manuel
028	Lorelei L. Ranjo	Lullutan, City of Ilagan
029	EGD Construction	Cabulay, Santiago City
030	Juanita L. Bartolome	Marana 1st, City of Ilagan
031	RVG Merchandising rep by Romeo C. Gomez	Marana 3rd, City of Ilagan
032	Industrial Staple Grains Phils, Inc. rep by Jovito J. Sermona, Jr.	Sta. Cruz, San Mauel
033	KBR Hardware c/o Engr. Elvin M. Ramos	Casibarag Norte, Cabagan
034	AS Ferrer Gravel and Sand c/o Arnold S. Ferrer	Lingaling, Tumauni
035	EUAN Enterprises c/o Fernando L. Mangabat	Centro 2, Luna
036	Henry Allan R. Macarilay	Disimpit, Jones
037	ITP Properties Corporation c/o Peter M. Aguilar	Bliss Village, City of Ilagan
038	Susan U. Padaca	Centro, San Agustin
039	Top Art Gravel and Sand	San Andres, Santiago City
040	A. De Guia Construction c/o Armando M. De Guia	Antonino, Alicia
041	Eduardo Labiano	Antonino, Alicia
042	Jacinto Gravel and Sand c/o Riczer A. Jacinto	San Juan, Aurora
043	Dragon Twelve Builders and Construction Supply c/o Jonathan L. Diaz	Marana 1st, City of Ilagan
044	Danysons Construction and Development Corporation c/o Dan A. Dupig	District 1, Cauayan City
045	JB Enterprises c/o Jerald Raymond Mari M. Bigornia	Mansibang, Naguilian
046	Roberto C. Turqueza	Pasa, City of Ilagan
047	Rizza Mae B. Cabantac	Calamagui 1st, City of Ilagan
048	Atuan Hardware c/o Reynaldo G. Atuan, Jr.	San Rafael East, Sta. Maria
049	Danga's Hardware c/o Henry P. Danga	Barangay 1, Jones
050	Jesell Gravel and Sand c/o Ephrain M. Daquioag	Leonarda, Tuguegarao City, Cagayan
051	Richesjon Hardware c/o Jonathan Navalita	Muñoz East, Roxas
052	Jose T. Marrero	Calao West, Santiago City
053	Rosalino U. Urandayan, Sr.	San Ignacio, City of Ilagan
054	Nita's Hardware and Sand & Gravel c/o Christopher B. Uy	San Pedro, Tumauni
055	Gaba Concrete Hollowblocks c/o Jomar P. Gaba	San Antonio, City of Ilagan
056	BB General Hardware and Construction Supply c/o Jun P. Bulos	Raniag, Burgos
057	Vicar Hardware & Lumber c/o Victorino D. Pascual	District 1, Cauayan City
058	Generoso N. Manuel	Buenavista, Santiago City
059	Nestor D. Ubay	Minabang, City of Ilagan
060	Francisca Village Enterprises c/o Elias R. Pambid	Baligatan, City of Ilagan
061	Prince Dean Charles G. Clark	Alibagu, City of Ilagan

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062	Paulina P. Magalad	Nabbuan, Santiago City
063	Clarita D. Agor	Calamagui 2nd, City of Ilagan
064	Kristopher Gravel and Sand c/o Kristopher E. Maltu	Cabisera 8, City of Ilagan
065	Enzi Corporation Sulong Asenso Farmers Multi-Purpose Cooperative c/o Jose E. Maddatu	Roma Norte, Enrile, Cagayan
066	MOP Buying Station c/o Muriel Pua	Calamagui 2nd, City of Ilagan
067	JCF Hardware c/o Jovelyn C. Figarola	San Antonio, City of Ilagan
068	Three A's Hardware c/o Marnelie A. Gannaban	Ugad, Cabagan
069	Salvador J. Acorda	Diamantina, Cabatuan
070	Ferdinand P. Tan	Alibagu, City of Ilagan
071	Melvin C. Acacio	Lullutan, City of Ilagan
072	JRBB Construction c/o Jose Bartolome P. Brillantes	Barangay 4, San Mateo
073	EGB Construction	Alibagu, City of Ilagan
074	Jhun U. Ballora	Mnuri, Jones
075	Regg's Builders c/o Reginito M. Lopez	Quezon, San Isidro
076	J & C Lumber and Hardware	Plaridel, Santiago City
077	Reymarie E. Salvador	Cabisera 7, City of Ilagan
078	Robert L. Agbayani	Dumawing, Jones
079	Donato N. Cabairo	Tangcul, City of Ilagan
080	Expedito G. Gumiran	Marana 3rd, City of Ilagan
081	Uy's Hardware General Merchandise c/o Mercedes P. Uy	Lingaling, Tumauni
082	Furao Construction c/o Edwin P. Uy	Banquero, Reina Mercedes
083	Artisuela Gravel and Sand c/o Ricardo G. Artisuela	Lapogan, Tumauni
084	Tumamao Enterprises c/o Oscar G. Tumamao	Rizal East, San Isidro
085	Oscar S. Balbin	Lapogan, Tumauni
086	James Pua	San Pedro, Tumauni
087	Isabela Washington International Sales Corporation c/o Markson C. Tan	Dubinan West, Santiago City
088	Felix C. Miguel, Jr.	Dibuluan, Jones
089	June T. Yadao	Osmeña, City of Ilagan
090	Nucopia Hardware c/o Leila N. Yokoyama	Pangal Sur, Echague
091	Jun-Jun A. Cuaresma	Cabisera 10, City of Ilagan
092	JUB Hardware and General Merchandise c/o Juliet U. Bautista	Alibagu, City of Ilagan
093	FJ Hardware Gravel and Sand c/o Jesus Albano	Ugad, Cabagan
094	Rofelin M. Dela Cruz	Virgoneza, San Agustin
095	R and R Hardware c/o Reynold M. Uy	Cullabo Del Norte, Burgos
096	Victoria A. Maddawin	Alinguigan 2nd, City of Ilagan
097	Raffy John about. Gomez	Marana 3rd, City of Ilagan
098	DA Cadeliña Construction	Bacarreña, San Mateo
099	Antonio B. Gangan	Alinguigan 2nd, City of Ilagan
100	Western Pinacanauan Development Cooperative c/o Isidro S. Asiddao	Alinguigan 2nd, City of Ilagan
101	Federico A. Villena	Villa Imelda, City of Ilagan
102	A. Ferrer Gravel and Sand c/o Arturo Ferrer	Rosario, Santiago City
103	ICL	Marana 1st, City of Ilagan
104	Foref Construction c/o Ferdinand L. Ambatali	Osmeña, City of Ilagan
105	RC Balayan Gravel and Sand c/o Ramon Balayan	Calamagui 1st, City of Ilagan
106	Armando Mateo, Jr.	Marana 1st, City of Ilagan
107	Ronnel M. Butac	Nemmatan, San Agustin
108	F. Taccad Hollow Blocks, Sand, Gravel and Hardware c/o Ferdinand N. Taccad	Maligaya, Tumauni

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109	Robert Buco	Mabini, Gamu
110	Felipe N. Guyud, Jr.	Centro 2, San Guillermo
111	Arnold C. Malana	Alinguigan 2nd, City of Ilagan
112	RHH Construction and Realty Development Inc. c/o Rosita D. Chua	Ambatali, Ramon
113	Jacqueline Hardware c/o Gelacio S. Carlos, Jr.	San Antonio, San Mateo
114	JC Palomo Construction c/o Jesus C. Palomo	Rizal, Santiago City
115	JVP Harardware c/o Jester C. Pua	Magsaysay, Alicia
116	Almazan Heavy Equipment Rentals c/o Roal A. Almazan	Manano, Mallig
117	Reginaldo T. Ancheta	Bangag, City of Ilagan
118	Domingo Mini Hardware c/o Hector J. Domingo	San Fabian, Echague
119	Emilio Pineda, Jr.	Maligaya, Alicia
120	IGD Construction and Development c/o Ignacio G. Datu	San Pablo, Aurora
121	RD Interior Jr. Construction c/o Ricardo D. Interior, Jr.	Tanza, Tuguegarao City, Cagayan
122	Meta Construction c/o Jose zacarias A. Gajudo	Rizal, Santiago City
123	RC Domingo Construction and General Merchandise c/o Roger V. Domingo	Baligatan, City of Ilagan
124	Dela Cruz Construction Materials c/o Lolita L. Dela Cruz	Colonguan, Sto. Tomas
125	Pepe H. Acupido	District 4, San Manuel
126	RRC Construction c/o Reynaldo R. Chua	Rang-ayan, Roxas
127	RM Construction c/o Arlene P. Chy	Linomot, Jones
128	Bits Harware and Construction Supply c/o Steve Daniel Venancio E. Tio III	Diamantina, Cabatuan
129	619 Builders Construction Corp.	Nueva Era, San Manuel
130	Jessie T. Bangloy	Barangay 2, Jones
131	Ferdito A. Buguina	Lullutan, City of Ilagan
132	Vedasto D. Villanueva	Cabiseria 22, City of Ilagan
133	Rogelio D. Azarcon	Saranay, Cabatuan
134	Jeffrey Jones L. Cabbab	Zone II, San Mariano
135	Rico G. Edurese	Sagana, Santiago City
136	Danilo A. Maramag	Calamagui 1st, City of Ilagan
137	ES Pua Construction c/o Eddie S. Pua	Bliss Village, City of Ilagan
138	Kevin Rostum C. Valdepeñas	Bangad, Sta. Maria
139	JAB Gravel and Sand and Iron Works c/o Jimmy A. Balayan	Calamagui 1st, City of Ilagan
140	Extreme Builders	Centro West, Santiago City
141	Joselito S. Bautista	San Mateo, Tumauni
142	Virgilio F. Pablo	Marasat Grande, San Mateo
143	HTL Construction Corporation c/o Purita T. Lim	Barangay 2, Jones
144	Joemar N. Adriano	Barangay 2, Jones
145	Marites Ferrer	Sindun Bayabo, City of Ilagan
146	TJBC Builders c/o Engr. Teodoro De Jesus	Barangay 1, Jones
147	John Sumang Gravel and Sand	Usol, Jones
148	Esmeraldo Delos Santos, Jr.	Capellan, City of Ilagan
149	RV Masigan Gravel and Sand c/o Rovile V. Masigan	Ugad, Cabagan
150	Edmund about. Fernandez	Lalog 1, Luna
151	ACP Construction Supply c/o Allan C. Panganiban	Gucab, Echague
152	Em Em Hardware and Buying Station c/o Marivic P. Agub	Bulinao, Sto. Tomas
153	Aldrin D. Cerezo	Sinsayon, Santiago City
154	Aladin B. Reyes	Usol, Jones
155	Jayro Hardware c/o Minardo M. Macarilay	Centro, Jones
156	Benjamin R. Mercado	Capellan, City of Ilagan

## ENVIRONMENT AND NATURAL RESOURCES OFFICE

157	Varillana Guntayon	San Antonio, City of Ilagan
158	Angelita L. Dela Cruz	District II, Benito Soliven
159	Bryan Merchandise c/o Boning Pua	Magsaysay, Alicia
160	Robert E. Conde	Oscariz, Ramon
161	CR Domingo Construction and Power Development Inc. c/o Rolando Y. Domingo	Barangay 3, San Mateo
162	Tollmack Sand & Gravel Corp. c/o Joseph Mark S. Dy	San Fermin, Cauayan City
163	JRR Medina Gravel and Sand	Concepcion, Luna
164	RJ Ancheta Construction Products & Enterprises c/o Rlito T. Ancheta	Mangandingay, Cabarroguis, Quirino
165	Johnny C. Serrano	Roxas, Isabela
166	Aya's Hardware Trading and General Merchandise c/o Leonardo D. Peña III	Barangay III, San Mateo
167	Wilson E. Ganipan	Centro, Cabagan
168	ALB Gasoline Station c/o Angel C. Bassig, Jr.	Magsaysay, Naguilian
169	James S. Andres	San Ramon, Aurora
170	Reynaldo H. Ramos	Capellan, City of Ilagan
171	Fidel M. Rumbaua, Jr.	Pulay, Luna
172	TJ's Concrete Product and Construction Supply c/o Josephine T. Bautista	Rizal, Santiago City
173	Vulture Buiders and General Merchandise c/o Eddie M. Pua	District 2, Cauayan City
174	Ronald A. Respicio	Centro, San Guillermo
175	Dragon Hatched Construction c/o Dean Anthony Arzaga	Sta. Victoria, City of Ilagan
176	D' Twins Hardware and General Merchandise c/o Roderic Gamayon	San Antonino, Burgos
177	GRS Grain Center c/o George T. Go	Palatao, Naguilian
178	Chatie T. Miro	Poblacion, San pablo
179	Edilie A. Padilla	Mapalad, San Agustin
180	Girlyn W. Gerebise	San Juan, Alfonso Vista, Ifugao
181	Lucky AA Concrete Products, Mini Lumber and Hardware c/o Jovencio N. Manuel	Baluarte, Santiago City
182	Larry B. Galingana	Bannawag, Aurora
183	RD Interior Jr. Construction c/o Ricardo D. Interior, Jr.	Tanza, Tuguegarao City, Cagayan
184	Kristal Fortune Trading c/o Kristal Anne P. Que	San Fermin, Cauayan City
185	Holy Spirit Mission MPC c/o Ralph T. Dampo	Bagnos, Alicia
186	San Jose Calamagui Gravel and Sand, Inc. c/o Resurreccion B. Gatan	Calamagui North, Sta. Maria
187	Jenny A. Ramos	Liwanag, Tumauni
188	Nicolas J. Burgos	Barangay I, Jones
189	JAS Buiders and Welding Shop c/o Joselito A. Suyat	Barangay I, Jones
190	Joel Ramil Builders and Hardware c/o Joel; B. Ramil	San Juan, Aurora
191	Wilson Dasig	Calaocan, Alicia
192	ND Ferrer Gravel and Sand/ Hollow Blocks Manufacturer c/o Nelmda O. Ferrer	Batal, Santiago City
193	Noelita G. Pasion	Dubinan East, Santiago City
194	Gerry m. Pagbilao	La Paz, Sagunday, Quirino
195	Diego T. Bolda	Sindon Maride, City of Ilagan
196	Editha U. Manuel	Dibuluan, Jones
197	SDS Trading c/o Winder B. Sibaen	Batal, Santiago City
198	Perlita B. Talamayan	Rizal, Delfin Albano
199	Eamon Hauling and Heavy Equipment Rental c/o Edmond C. Bascos	Batal, Santiago City
200	Mila Vic Trucking Service c/o Milagros T. Magallones	Raniag, Ramon
201	Denver's Concrete Products Gravel and Sand c/o Denver Balao	Calamagui 1st, City of Ilagan

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202	Roger Jose A. Cadeleña	San Fermin, Cauayan City
203	Ernesto D. Imbag, Jr.	Burgos, Ramon
204	GAPTV Construction and Supply c/o Alfred Philip T. Vinarao	Catabayungan, Cabagan
205	Calaccab Hardware c/o Robert Liban	Calaccab, Angadanan
206	Celia G. Balauag	Sto. Domingo, Echague
207	Eugenio A. Arcinas	Magsaysay, Alicia
208	DLA Hollow Blocks c/o Leah G. Daguio	Sta. Rita, Aurora
209	Mar-Deb Construction and Development Corporation c/o Mario P. Dela Fuente	Magdalena, Cabatuan
210	Lorecris Hollow Blocks and Sand c/o Loreto C. Maluyo, Jr.	Rizal, Roxas
211	SMT Construction c/o Samuel M. Toribio	Bliss Village, City of Ilagan
212	Isabela EBC Builders Construction, Inc. c/o Jimmy T. Chua	Calao, Santiago City
213	William M. Esteban	Batal, Santiago City
214	Canuto B. Padre, Jr.	Ragan Almacen, Delfin Albano
215	Joemson Hardware c/o Gil A. Francisco	Barangay 1, San Mateo
216	Alfonso B. Rivera, Jr.	Maligaya, Tumauni
217	Proline Construction c/o Raymundo T. Ilagan	Calaocan, Santiago City
218	Dionel T. Julian	Napaliong, Jones
219	Vicente B. Palta	Baluarte, Santiago City
220	Glenn Moore Angelo E. Caramancion	Diarao, Jones
221	Joshua B. Managuelod	Calaccab, Angadanan
222	Gerra Construction Inc. c/o Jessie R. Racaza	Barangay 1, San Mateo
223	D & C Construction Supplies and Enterprises c/o Danny S. De Leon	Bugallon Proper, Ramon
224	Pacific Concrete Products Inc. c/o Philip T. Lopez	Viga, Angadanan
225	Tumauni Star c/o Gerber Syjongtian	Centro, Tumauni
226	Felix C. Lauriano	Minuri, Jones
227	Rising Dragon Enterprises c/o Juan Nicole Co	Calamagui 2nd, City of Ilagan
228	Larry A. Castillo	Rizaluna, Cordon
229	Catherine A. Uy	Barangay 3, San Mateo
230	Asian Acropolis Builders c/o Ralph Roque Abelta	Calao East, Santiago City
231	Mario A. Juson	Rizal, Santiago City
232	Renato A. Jacob	Malini Alvar, Santiago City
233	Angel Pascua	Batal, Santiago City
234	James Abelia Olegario	Buenavista, Santiago City
235	Godofredo M. Macarilay	San Vicente, Jones
236	Avelino A. Quitola	Cabisera 27, City of Ilagan
237	Angel B. Aguinaldo	Sinaoangan Norte, San Agustin
238	C & D Gravel and Sand c/o Czarina Simanero	San Jose, Santiago City
239	Ong Kiat Co	Mabini, Santiago, City
240	Diffun Saranay and Development Cooperative c/o Maria Retchelle Dulfo Jose	Andres Bonifacio, Diffun, Quirino
241	Cawelan Junkshop and Hardware c/o Darlina Olalan	Divisoria, Santiago City
242	LC Talon Construction c/o Leonardo C. Talon	Sampaloc, Cabatuan
243	Alcantara Hardware c/o Pepito L. Alcantara	Calaocan, Alicia
244	Vega's Construction c/o Leticia Pua Vega	Calamagui 2nd, City of Ilagan
245	RSKC Construction c/o Raymond T. Cababa	Centro, Sto. Tomas
246	John Vincent Q. Luis	Laoag, San Agustin
247	Lucky Grains Rice Mill c/o Kervin G. Uy	Sta. Rita, Aurora
248	Vidal G. Concrete Product c/o Florendo G. Vidal, Jr.	Bantug, Roxas
249	Maricel M. Macadangdang	Masipi East, Cabagan

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250	Jijomar Construction c/o Jinkee Lou M. Gaddi	Capirpiriwan, Cordon
251	Water Dragon Construction c/o Clarita M. Gaddi	Capirpiriwan, Cordon
252	Builder's Hardware and Farm Supply c/o Magdalena C. Bautista	Centro, Ramon
253	Maryjane M. Domingo	Alunan, Quezon
254	Alfred Vincent C. Alejandro	Centro, Cabatuan
255	Mariano Dancel	Calao West, Santiago City
256	CM Pancho Construction, Inc. c/o Gerardo V. Pancho	Diliman, Quezon City
257	New UTG Hardware c/o Corazon Uy	Barangay I, Jones
258	EJ Celestino c/o Edna Celestino	Sta. Cruz, Alicia
259	Beley Iron Works & Hollow Blocks	Santiago City
260	Renato J. Alejancro	Kalabaza, Aurora
261	Ramuel Miranda	Alinguigan 2 <sup>nd</sup> , City of Ilagan
262	Ricci M. Bambico	Magsaysay, Alicia
263	Juanito G. Frejas, Jr.	Upi, Gamu
264	Joy V, Huang	Lalauanan, Tumauni
265	Chartnell G. Colobong	Diarao, Jones
266	Foremeost Founder Ent.	District 1, Cauayan City
267	Bravo Construction & Engr.	Nagbukel, San Isidro
268	RR Builders	Rizal, Roxas
269	Leodigario S. Baclig	Saguday, Quirino
270	Robert Guzman	Tuguegarao City
271	Quirino Primes c/o Conchita Uy	Cabaruguis, Quirino
272	Tri Blocks Enterprises	Santiago City
273	J Ramos Gravel and Sand	Luna, roxas
274	Remedios C. Bolante	Santiago City
275	MXC Sand and Gravel	Bacarrene, San Mateo
276	Rohan General Mdse.	Victoria, Alicia
277	Rodel S. Cabansag	Sta. Isabel Sur, City of Ilagan
278	Alba's Hardware c/o Edwin Alba	Villa Fuerte San mateo
279	D' Home Depo Ent.	Dagupan, San Mateo
280	Billcon Enterprise	Paddad, Alicia
281	Fe C. Colobong	Lapaz, Cabatuan
282	Topline Reaper Republic	Cabaruan, Cauyan City
283	Fiscaro's Hardware & Trading	Barangay 3, San mateo
284	Rocktown Construction Supply	Bugallon Proper, Ramon
285	Dionicio Bolar	San Antonio, City of Ilagan
286	Richard A. Dumaguina, Sr.	Quirino, Cordon
287	Arora Merchandising & Dev't.	Calamagui 2 <sup>nd</sup> , City of Ilagan
288	King Richmond Hardware	Barangay 1, Jones
289	RBU Palay & Corn Buying Station	Centro, Cabagan
290	Jedson D. Lagutao	Sta. Victoria, City of Ilagan
291	Jackson's Buying Station	Calamagui 2 <sup>nd</sup> , City of Ilagan
292	Robert Lim	San Marcos, San Mateo
293	Nelson T. Mejia, Jr.	Barangay 2, Jones
294	Remegio M. valerozo	Sandiat West, San mateo
295	Northern Luzon Golden Rabbit	Bugallon Proper, Ramon
296	Rogie B. Baquiran	Arcon, Tumauni
297	Veau Hollow Blocks	Daramuagan Sur, San Mateo
298	Golden Tech Construction	Raniag, Ramon

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299	Renato P. Ignacio	Sandiat Centro, San Manuel
300	Conrado M. Amistad	District I, Tumauini
301	A.F. Manuel Construction	District II, Benito Soliven
302	Ulysis E. Salvador	Cabisera 7, City of Ilagan
303	Goodluck Trading	San Vicente, City of Ilagan
304	Genny's Store Construction Supply	San Jose Norte 2, Mallig
305	Jupiter Construction	Tuguegarao City
306	Esperanza A. Jimenez	Zone 2, San Mariano
307	Leonila F. Go	Zone 3, San Mariano
308	Dalia P. Pedro	Zone 3, San Mariano
309	Maria Loida C. Cruz	Zone 3, San Mariano
310	Erwin B. Sumisim	Zone 2, San Mariano
311	Jimmuel R. Garo	Minanga, San Mariano
312	Laarni C. Lumabao	Lullutan, City of Ilagan
313	Richelle Ann P. Piedad	Minante I, Cauayan City
314	Olivete Construction & Developer	San Fermin, Cauayan City
315	Joan V. Castro	Nuesa, Roxas
316	Jeffrey P. Crispin	Sindon Maride, City of Ilagan
317	Natividad D. Pajarillo	Calaocan, Alicia
318	E.S. Bernabe Gravel and Sand	Bantug, Roxas
319	Jimmy C. Cena	Minuri, Jones
320	Ronie P. Cascayan	Minuri, Jones
321	Ramil C. Somera	Minuri, Jones
322	A9 Commercial	Calamagui 2 <sup>nd</sup> , City of Ilagan
323	Ely G. Mallanao	Centro, Cabagan
324	Robert P. Uy	Masaya Sur, San agustin
325	Renato S. Santiago	San Isidro, City of Ilagan
326	Clarinda C. Galiza	Zone 3, San Mariano
327	Edgar F. Corbita	Macatal, Aurora
328	Farmon Agri-Community Corp.	Victoria, Alicia
329	Dragon Twelve Builders & Construction	Cansan, Cabagan
330	Hannah Gravel and Sand	San Placido, Roxas
331	Alex A. Clemente	Malvar, Santiago City
332	Felix G. Viernes	Bugallon Proper, Ramon
333	4D Hardware c/o Donaville Talosig	Ugad, Cabagan
334	Camberwell Construction & Supplies c/o Grace M. Rodriguez	Magsaysay, Naguilian
335	Gemma Oh's Mini Enterprise c/o Gemma DC Oh	Cabaruan, Cauayan City
336	Felix C. Tapadan, Jr	Villa Santigao, Aglipay, Quirino
337	Rufino Butac, Jr.	District 2, Benito Soliven
338	Siffurocks Construction c/o Raymond Anthony Calderon	San Palcido, Roxas
339	Lolito L. Dasig, Jr.	Calaocan, Alicia
340	Wesley P. Sales	Centro 3, Luna
341	Glenn D. Lastimosa	Olango, Mallig
342	Joenard S. Galla	Napoliang, Jones
343	Tito P. Dela Cruz	Marana 1 <sup>st</sup> , City of Ilagan
344	KC General Merchandise c/o Marshal Kevin L. Cabaero	Centro 2, San Guillermo
345	RBR Builders and Ready Mix Concrete c/o Ramil B. Rivera	Soyong, Echague
346	Accelerated Metal Technology & Construction, Inc. c/o Antonio M. Tumolva	Guibang, Gamu
347	AC-Nita's Hardware & General Merchandise	San Antonio, Delfin Albano

## ENVIRONMENT AND NATURAL RESOURCES OFFICE

348	Marita F. Rivera	Cabaruan, Cauayan City
349	JC Tristan IV G. Vargas	Caligguian, Burgos
350	Jose T. Garcia	Sta. Rita, Aurora
351	Danny's Hardware c/o Danilo C. Baculi	Nuesa, Roxas
352	Nelson P. Chu	Barangay 2, Jones
353	Nita's Hardware c/o Nenita B. Uy	San Mateo, Tumauni
354	Salvador B. Guzman	Paragu, Tumauni
355	Alto Trading c/o Maribel C. Olavidez	Hilltop, Naguilian
356	JPGlobal Ventures Corporation c/o Jose Emmanuel P. Guillermo	Tallungan, Reina Mercedes
357	Gepilano Hardware & agricultural Supply c/o Louie B. Gepilano	Andres Bonifacio, Diffun, Quirino
358	Ruben Matusalem	Alibagu, City of Ilagan
359	Rozen P. Mamaril	Fortune Aurora, Alicia
360	GM Auto Supply c/o Geraldine J. Valdez	District II, Benito Soliven
361	Jimerson A. Nipahoy	Aurora East, Diffun, Quirino
362	Barcon Construction and Supplies c/o Geoffrey T. Barrientos	Mabini, Gamu

### C. Site Verification and Inspection of Mining/Quarry Sites

#### a. Field Monitoring of Quarry Areas

To strictly implement Ordinance No. 5, Series of 2014 of the province, **three (3)** Environment and Natural Resources Office Personnel together with the **thirty-seven (37)** 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 twenty seven (27) city and municipalities covering ninety one (91) barangays. Monitoring of sand and gravel extraction activities were conducted thru the use of reports, daily monitoring forms and delivery receipts regularly submitted to the Office by the checkers.

For the month of January 2019, **80,346.18 cu.m.** mineral and quarry resources were extracted representing **4,690.18 cu.m. Boulders**, **5,685.00 cu.m. G1/S1**, **65,283.00 cu.m. Mixed Gravel** and **4,668.00 cu.m. Ordinary Earth** with corresponding gross tax amounting to **Two Million Nine Hundred Thirty Eight Thousand Seven Hundred Twenty Nine pesos and 90/100 (Php 2,938,729.90) only.**



## ENVIRONMENT AND NATURAL RESOURCES OFFICE

For the month of February 2019, **91,744.87 cu.m.** mineral and quarry resources were extracted representing **8,182.87 cu.m. Boulders, 4,992.00 cu.m. G1/S1, 68,414.00 cu.m. Mixed Gravel and 10,156.00 cu.m. Ordinary Earth** with corresponding gross tax amounting to **Three Million Three Hundred Seventy Three Thousand Eight Hundred Sixty Seven pesos and 85/100 (Php3,373,867.85) only.**

For the month of March 2019, **76,225.58 cu.m.** mineral and quarry resources were extracted representing **7,447.00 cu.m. Boulders, 6,613.00 cu.m. G1/S1, 50,959.52 cu.m. Mixed Gravel and 11,206.00 cu.m. Ordinary Earth** with corresponding gross tax amounting to **Two Million Eight Hundred Twenty Six Thousand Nine Hundred Thirty Three pesos and 20/100 (Php2,826,933.20) only.**

In summary, a total of **248,316.63 cubic meter** mineral and quarry resources were monitored to have been extracted from **January 2, 2019 to March 31, 2019.** This represents **20,320.05 cu.m. Boulders, 17,290.00 cu.m. G1/S1, 184,656.52 cu.m. Mixed Gravel and 26,030.00 cu.m. Ordinary Earth** with corresponding gross tax amounting to **Nine Million One Hundred Thirty Nine Thousand Five Hundred Thirty pesos and 95/100 (Php9,139,530.95) only.**

### ***b. Applied Area Verification and Inspection Activities***

This Office conducted series of site verification and inspection activities to the applied area of Commercial Sand and Gravel (CSAG) Permit Applicants. Said activity aims to confirm the technical description based on the submitted survey plan and validate the suitability of these areas for sand and gravel extraction, including the environmental status based on ocular assessment.



A certain Mr. Eugenio Arcinas requested for technical assistance from this office in the conduct of ocular inspection at their proposed quarry area located at Ganano River, Barangay Apanay, Alicia, Isabela. The said area holds vast sand and gravel resources however, it is not suited for commercial purposes due to the quality of sand and gravel mixed with soil particles. In addition, quarry operation in the area was opposed by the management of Ganano Energy and Environment Electric Cooperative because of their proposed mini-hydro project in the area.

### **D. Provincial Mining Regulatory Board (PMRB) Meeting**

The PMRB held its 1<sup>st</sup> Quarter Meeting last March 14, 2019 at the Provincial Ecology Center, Provincial Capitol, Alibagu, City of Ilagan, Isabela. Among the agenda was the review of applications for Commercial and Industrial Sand and Gravel Permit prior to the approval of the Provincial Governor. However, there was no quorum hence the Board was not able to indorse permit applications and agreed therefore that the Board shall meet for a special meeting solely for the endorsement of said applications.



**OTHER ACTIVITIES**

- A. Attendance to the 10<sup>th</sup> Philippine League of Local Environment & Natural Resources Officers (PLENRO), Inc. (February 27 – March 2, 2019) Hotel Asturias, Puerto Princesa, Palawan**



## ENVIRONMENT AND NATURAL RESOURCES OFFICE

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### B. Attendance to Geography of Governance: Northern Sierra Madre Landscape (March 5-7, 2019), Mango Suites, Santiago City



Consolidated by:

**JOYCE N. CABALONGA**  
CDA I

Attested:

**GERONIMO P. CABACCAN, JR.**  
ENR Officer