

ENVIRONMENTAL MANAGEMENT DIVISION

The Environmental Management Division is on the frontline of the Environment and Natural Resources Office tasked in the delivery of basic services in the field of environmental management and instrumental in the implementation of environmental laws specifically RA 9003 (Ecological Solid Waste Management Act of 2000). The law itself is interconnected with other environmental laws among which are PD 984 (Pollution Control Law), RA 9275 (Clean Water Act), RA 8749 (Clean Air Act) and RA 9512 (Environmental through Environmental Education and Awareness Act) among others.

With the adoption of proper international standards, the Environmental Management Division is compliant to predetermined plans and programs subject for implementation. The performances were specific, measured and properly documented with the herein specific activity to conform with targeted work programs and its objectives consistent to the extension of basic services and facilities mandated under Section 17 of the Local Government Code.

These annual report intertwines with the implementation of other related environmental laws stated above as part of the responsibility of the Provincial Government of Isabela in managing its environmental components of land, water and air.

1. Provincial Ecology Center/Solid Waste Management

The Provincial Ecology Center showcases good practices compliant to the provisions of RA 9003, otherwise known as the Ecological Solid Waste Management Act. The practice of waste segregation at source in every office is implemented in the whole provincial capitol premises through the imposition of Sangguniang Panlalawigan Ordinance No. 1, series of 2017. The Center is utilized as a multi-purpose facility for conferences and warehousing of other facilities extended to lower local government units.



2. Organic Fertilizer Production thru Vermi-Composting Facility

A system of collection is supervised by the Environmental Management Division Staff with tow service providers in the reduction of waste through vermin-composting, thus a production of 8,160 kilograms of high grade organic fertilizer from waste recycling and composting from January 2017 to October 2017. A production area within the Provincial Ecology Center is a 500-square meter area for the production of vermi-compost and composting facilities.



3. Search for RA 9003 Compliant Barangays

To promote a common understanding on the implementation aspect of RA 9003, the provincial government is set to conduct its first Search for RA 9003-Compliant Barangays. This aims to promote environmental advocacy as a means to mitigate the ill effects of climate change through a doable collective and participatory efforts of all stakeholders' right in the barangay levels. In coordination with the different City/Municipal ENR Officers thru the Philippine League of Local Environment and Natural Resources Officers (PLLENRO) Isabela Chapter, the search criteria were crafted subject for the approval of the Local Chief Executive together with the project proposal. To date, said proposal was duly approved with the amount of Seven Hundred Fifty Thousand. The subject activity proposal will run for a period of two semesters beginning 2nd semester of 2016 to 1st semester of 2017.



4. Updates on the 10-year Provincial ESWM Plan

In support to City/Municipal Local Government Units, the PGI thru the ENR Office has extended technical and material assistance in their conduct of Waste Analysis and Characterization Study (WACS). Said study is the most vital information needed in preparation of their 10-year ESWM Plan as mandated by RA 9003 otherwise known as the Ecological Solid Waste Management Act of 2000. Hence, was able to assist lower LGUs mostly under the 3rd and 4th class municipalities in collaboration with the EMB and DILG. Corollary, the PGI has formed and adopted its 10-year Provincial ESWM Plan.

Simultaneously to the updating of the Provincial 10-year ESWM plan, the ENR Office monitored the compliance of LGUs in their writing and submission of their individual 10-year

ESWM Plans to further extend possible assistance needed for their compliance. On February 2017, the PGI thru the ENR Office has conducted the 2nd Provincial ESWM Summit with the aim to strengthen the barangay and municipal LGUs in their commitment to comply with requirements of RA 9003.



As of August, 2017, below is the consolidated Status of Municipal/City ESWM Plans based on the National Solid Waste Management Commission (NSWMC) record, to wit:

APPROVED (4)	CONDITIONALLY APPROVED - ADDITIONAL INFORMATION REQUIRED (12)	FOR EVALUATION (11)	NO SUBMISSION YET/ASSIGNED TO DIFFERENT EVALUATOR (9)
Quirino	Angadanan	Cabatuan	Alicia
Roxas	Aurora	Delfin Albano	Benito Soliven
San Mariano	Cabagan	Dinapigue	Burgos
San Mateo	Echague	Divilacan	Cauayan City
	Jones	Ilagan City	Cordon
	Maconacon	Luna	Gamu
	Mallig	Palanan	Naguilian
	Ramon	Quezon	San Agustin
	San Guillermo	Reina Mercedes	Sto. Tomas
	San Isidro	San Manuel	
	San Pablo	Tumauini	
	Sta. Maria		

Also, the NSWMC in its acknowledgement letter informed the Provincial Government that the 10-year ESWM plan submitted by the province shall be reviewed and subsequently be endorsed for approval after the SWM plans of the cities/municipalities of Isabela are reviewed and evaluated by the NSWMC Technical Working Group.

5. Status Report on the Proposed Sanitary Landfill (SLF) Cluster II

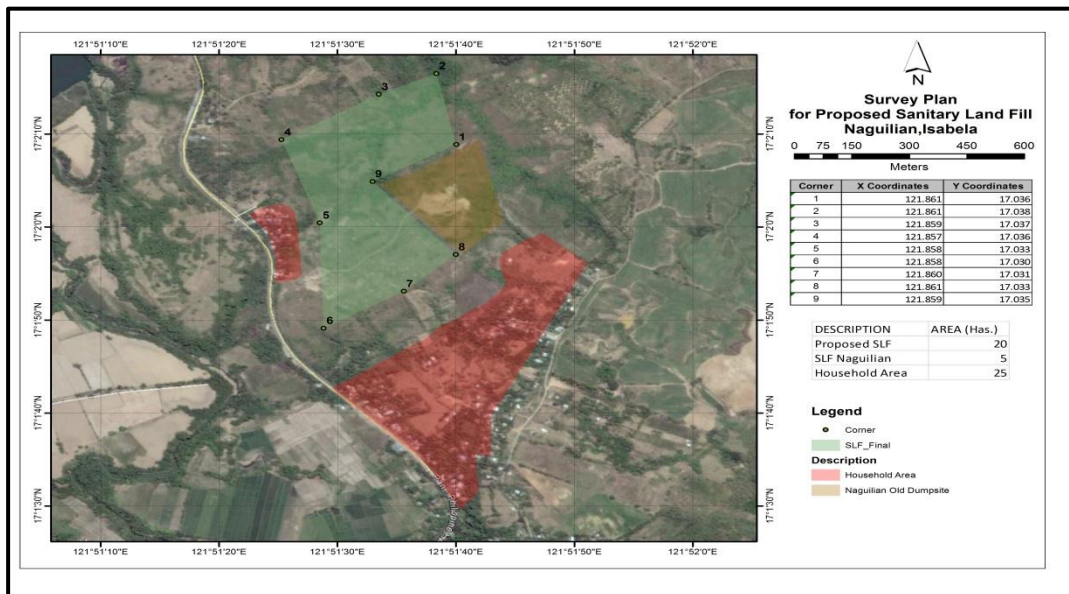
In support to the Clustered Sanitary Landfill with Pilot Project site at San Manuel, Naguilian, Isabela is currently complying with the requirements set forth by the Department of Environment and Natural Resources. As the implementing arm of the PGI, the ENR Office initiated the conduct of meeting/dialogue with the clustered municipalities under District 2. As of June, 2017, regulatory requirements and technical documentation mandated by DENR-EMB policies specifically consultation meetings with the cluster members, IEC and ECC requirements have been accomplished. These were prepared thru the series of actual conduct of existing household inventory at the proposed site, public consultation to the direct impact areas and the member-municipalities of the cluster.



Status of documentary requirements for Special Land Use Permit as follows:

1. Duly accomplished Application Form	- complied
2. Application fee	- Php 500.00
3. Map of the Area with Technical Description	- Complied
4. Indicative Management Plan	- On progress
5. Environmental Compliance Certificate	- On progress
6. Appropriate Clearance from NCIP	- On process
7. BIR Certification on Zonal Value/San Manuel Naguilian	- complied

The proposed project will cater to the needs of municipalities identified in the 10-year Provincial Solid Waste Management Plan within the administrative jurisdiction of District II (municipalities of Benito Soliven, Gamu, Naguilian, Burgos, Quirino)



6. Ecosystems Management

✓ **Clean-Up Drives**

In celebration of the Environment Month, the Provincial Government of Isabela thru the Environment and Natural Resources Office has lined up activities in adherence to the purpose of the event. Among which is the conduct of Ocean, River and Creek clean-up drives.

With approved proposal amounting to Seventy Thousand pesos (P 70,000.00), the ENR Office thru this Division has implemented clean-up drive activities in three identified sites namely:

Particular	Location	Date Conducted
1. Coastal Municipality	Dinapigue	June 23, 2017
2. Siffu Creek	Gabit Nueva, Roxas	June 30, 2017
3. Cagayan River	Fugu Norte, Tumauni	July 4, 2017



In totality, it was attended by more or less 180 including the personnel from ENRO, municipal and barangay participants.

✓ **Pollution Control Measures**

In recognition of the environmental consequences of transportation sector development to the ecosystems management, the Provincial Government of Isabela thru the Environment and Natural Resources Office has identified the implementation of pollution control measures thru the conduct of road side planting for carbon sequestration and assure its maintenance in coordination with its partner LGUs and/or agencies. With approved proposal amounting to One Hundred Forty Three Thousand Two Seventy One pesos and 80/100 (**P143,271.80**), the project shall be implemented to three (3) identified sites with a total length of 7.1 kilometers, namely: Carmencita, Delfin Albano; Cansan, Cabagan; and Calamagui, San Pablo.

In coordination with the Local Government Units, both barangay and municipality, site preparation activities were supervised and conducted. As of October, 2017 the road side planting was already conducted at Cansan, Cabagan and Carmencita, Delfin Albano on October 27, 2017 and October 28, 2017 respectively. On the other hand, Calamagui, San Pablo road side planting is set to be conducted on November 9, 2017.



Road side planting conducted at Cansan, Cabagan on October 27, 2017.



Road side planting conducted at Carmencita, Delfin Albano on October 28, 2017.

7. IEC Activities and Provision of Technical Assistance

- ✓ Conducted the 2nd Ecological Solid Waste Management Summit on February 22, 2017.



- ✓ Attended the 1st, 2nd and 3rd Quarter Regional Ecology Center Meeting conducted by the DENR-EMB Region 02, Tuguegarao City held at Villa Blanca Hotel, Tuguegarao City, Marilen's Hotel and Restaurant, Santiago City and Tam-an Resorts and Hotel at Busilac, Bayombong, Nueva Vizcaya, respectively.
- ✓ Conducted Information Education & Communication (IEC) Campaign on RA 9003 and Vermi-composting Technology at the MLGU San Agustin, Reina Mercedes Vocational and Industrial School and MLGU San Isidro.



- ✓ Served as Speaker on Symposium on Environment thru the Youth for Environment in School Organization (YES-O) with the Theme: Catalyst in Building A Sustainable Environment on June, 2017 at Roxas National High School.
- ✓ In celebration of the Zero Waste Month, conducted Clean-Up Drive at Calamagui, San Pablo and District 2, Gamu, Isabela.

- ✓ Attended the signing up ceremony of Memorandum of Commitment (MOC) and Memorandum of Undertakings (MOU) in the establishment of Regional Ecology Center for the full implementation of RA 9003 at DENR-EMB R02, Tuguegarao City on August 18, 2017.
- ✓ Undergone the Training of Trainers on Upgrading the Capability of the Basura Patrollers as the Solid Waste Enforcers and Educators Team at on August 22-25, 2017.
- ✓ The conduct of massive Information Education Campaign on proper solid waste management was made possible together with the joint efforts of the office together with the different provincial operated hospital facilities in the province.



8. Special Projects: PRDP Related Activities

The **ENR Office** as member of the Executive Order No. 8, series of 2013, as amended creating the Provincial Project Management and Implementing Unit (PPMIU) spearheaded the following responsibilities to wit:

Social and Environmental Safeguards documentation processes of the following sub-projects:

- Mungbean Production and Marketing Enterprise, Cabatuan, Isabela
- Tilapia Production and Marketing Enterprise, Planas, Ramon, Isabela
- Cangalan Communal Irrigation Project, Gangalan, San Mariano, Isabela
- Sinalugan Communal Pump Irrigation Project, Duroc, Angadanan, Isabela

Prepared & submitted by:

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