

Republic of the Philippines Department of Environment and Natural Resources MIMAROPA

Provincial Environment and Natural Resources Finders SECTION **MIMAROPA** Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan FEB 0 7 2023

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MEMORANDUM

FOR

The Regional Executive Director

DENR MIMAROPA

1515 DENR By the Bay Bldg., Roxas Boulevard,

Barangay 668, Ermita Manila

THRU

The OIC, Assistant Regional Director for Technical Services

FROM

The Provincial Environment and

Natural Resources Officer

SUBJECT

ANNUAL REPORT OF EL NIDO-TAYTAY MANAGED

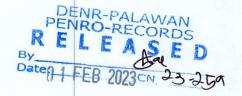
RESOURCE PROTECTED AREA (ENTMRPA)- PROTECTED

AREA MANAGEMENT OFFICE (PAMO) FOR CY 2022

Forwarded is the memorandum dated January 9, 2022 from CENRO Taytay submitting the Annual Accomplishment Report of El Nido Taytay Managed Resource Protected Area (ENTMRPA) – Protected Area Management Office (PAMO) for CY 2022.

For information and record.

ELIZARDO B. CAYAT







Republic of the Philippines Department of Environment and Natural Resources Provincial Environment and Natural Resources Office MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638 / (048) 433-5638

January 30, 2023

MEMORANDUM

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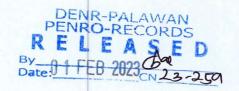
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Republic of the Philippines Department of Environment and Natural Resources MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

By the National Highway, Poblacion, Taytay, Palawan 5312 Mobile: 0926-505-9335 TM 0912-171-3889 TNT

January 9, 2023

MEMORANDUM

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FOR

The Provincial Environment and Natural Resources Officer-Palawan

Sta. Monica, Puerto Princesa City

FROM . The Community Environment and Natural Resources Officer

This jurisdiction

SUBJECT

REPORT OF EL NIDO-TAYTAY ANNUAL **MANAGED**

RESOURCE PROTECTED AREA (ENTMRPA) - PROTECTED

AREA MANAGEMENT OFFICE (PAMO)

Respectfully forwarded is the Memorandum dated December 29, 2022 of Protected Area Superintendent (PASu) Mildred A. Suza together with the Annual Report for CY 2022 of El Nido-Taytay Managed Resource Protected Area (ENTMRPA), El Nido, Palawan.

For his information and record.

CONRADO M. CORPUZ,

Cc: PAMO-ENTMRPA



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

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January 9, 2023

MEMORANDUM

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The Provincial Environment and Natural Resources Officer-Palawan

Sta. Monica, Puerto Princesa City

FROM:

The Community Environment and Natural Resources Officer

This jurisdiction

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AREA MANAGEMENT OFFICE (PAMO)

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For his information and record.

CONRADO M. CORPUZ

Cc: PAMO-ENTMRPA

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TAYTAY, PALAWAN
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Republic of the Philippines Department of Environment and Natural Resources MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

By the National Highway, Poblacion, Taytay, Palawan 5312 Mobile: 0926-505-9335 TM 0912-171-3889 TNT

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January 9, 2023

MEMORANDUM

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BY: 01-17-2023-023-0397

FOR

The Provincial Environment and Natural Resources Officer-Palawan

Sta. Monica, Puerto Princesa City

FROM

The Community Environment and Natural Resources Officer

This jurisdiction

SUBJECT

ANNUAL REPORT OF EL NIDO-TAYTAY MANAGED

RESOURCE PROTECTED AREA (ENTMRPA) - PROTECTED

AREA MANAGEMENT OFFICE (PAMO)

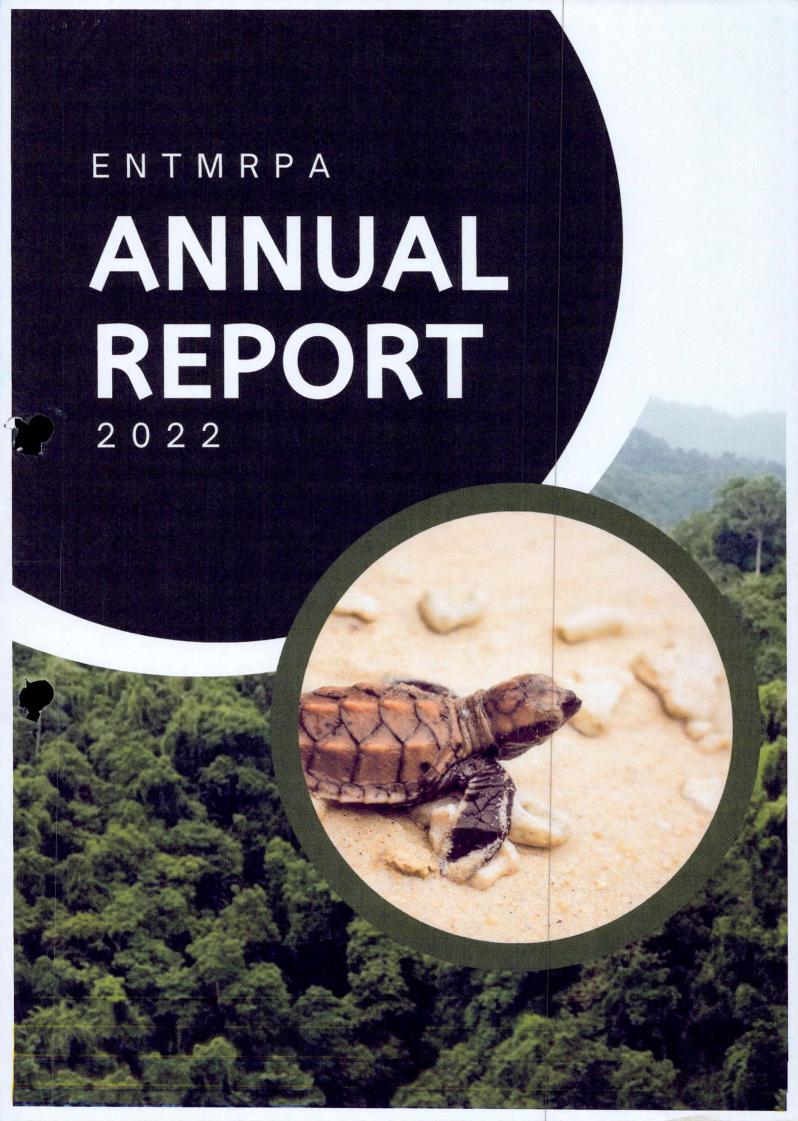
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For his information and record.

CONRADO M. CORPUZ

Cc: PAMO-ENTMRPA

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TAYTAY, PALAWAN
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Republic of the Philippines Department of Environment and Natural Resource ECORDS SECTIO

MIMAROPA Region

DENR MIMAROF RECEIV

Community Environment and Natural Resources

EL NIDO-TAYTAY MANAGED RESOURCE PROTECTED AREA 7 2023

Calle Real, Barangay Masagana, El Nido, Palawan, 5313

Telephone No. 048-716-0674 Email: entmrpa@gmail.com

INCOMING	OUTGOING
BY:	DATS NO
TIBAE.	

December 29, 2022

MEMORANDUM

FOR The Community Environment and

Natural Resources Officer

Taytay, Palawan

The Protected Area Superintendent FROM

El Nido-Taytay Managed Resource Protected Area

ANNUAL REPORT OF EL NIDO-TAYTAY MANAGED RESOURCE **SUBJECT**

> PROTECTED AREA (ENTMRPA) PROTECTED

MANAGEMET OFFICE (PAMO)

Respectfully forwarded is the Annual Report of El Nido- Taytay Managed Resource Protected Area (ENTMRPA) - Protected Area Management Office (PAMO) for Calendar Year 2022.

Please be informed that this Office has implemented three (3) Work and Financial Plans under the DENR General Appropriations Act (GAA), 10% revenue share from the Ecotourism Development Fund (ETDF) and the Integrated Protected Area Fund (IPAF). The allocated funds under the CY 2022 WFPs were utilized for the hiring of job order personnel to complement the workforce of this Office, procurements of supplies and materials under MOOE and Capital Outlays and other related activities to support the Protected Area's management and development operation for the conservation and protection of environment and natural resources.

Further, this Office had accomplished and completed all the target activities stipulated in the Work and Financial Plans (WFPs).

For information and record.

CONTENTS g. Water Quality Monitoring within legislated NIPAS PA/ total actual Pollution load on coastal and marine Procurement of support facilities and equipment for biodiversity monitoring, conservation of law b. b.1 Protected Area Suitability Assessment (PASA) for initial components for elevation (establishment/disestablishment

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El Nido-Taytay Managed Resource Protected Area (ENTMRPA) was proclaimed as a protected area by virtue of Presidential Proclamation No. 32 dated October 8, 1998 under National Integrated Protected Areas System (NIPAS) or RA 4586 of 1992 amended by RA 11038 of 2018 known as Expanded National Integrated Protected Areas System (ENIPAS). It covers 91,749 hectares of land and water in 21 barangays in the municipalities of El Nido and Taytay in the northwestern Palawan.

ENTMRPA through the Protected Area Management Board (PAMB) tasked under RA 11038 has the primary responsibility in implementing the management plan covering 2020 to 2029, with assistance from the Protected Area Management Office (PAMO) headed by the Protected Area Superintendent, technical working committees and the Executive Committee.

There are three (3) major fund sources for the operation, protection, conservation and development of ENTMRPA: DENR GAA allocation, 10% share from the Ecotourism Development Fund (ETDF) being collected by the Local Government Unit (LGU) of El Nido, Palawan, and the Integrated Protected Area Fund (IPAF). This year, the PAMB approved the Work and Financial Plan (WFP) amounting to Php 16, 350,000.00 from the 75% PA-RIA to finance projects and sustain the operation of ENTMRPA-Protected Area Management Office (PAMO).

The PAMO headed by a Protected Area Superintendent, supervise the day-to-day management, protection and administration of the PA. A total of fifty-three (53) support staff composed of CMEMP Extension Officer, Information Officer, Park Rangers, Accounting Clerk, Bookkeeper, Clerk, utility workers, Admin Aide and Forest Protection Officers (FPO) complement the workforce of the office and assists the PASu in implementing the targets and other intervening activities for the conservation and protection of the PA. For this year, this Office accomplished various activities relative to the implementation of three (3) work financial plans under GAA, IPAF and ETDF funding.

The management maintains the integrity of the Office and uplift the morale of each employee. It allows every personnel to attend meetings and trainings to enhance their knowledge and skills as well as conduct the same for conservation and protection of the Protected Area. In terms of financial capability, ENTMRPA is able to sustain its operation through the collection of user's fees being deposited in IPAF-RIA.

. PROTECTED AREA MANAGEMENT AND DEVELOPMENT SUB PROGRAM

a. Biodiversity Monitoring System (BMS)

Biodiversity monitoring was continuously implemented within the terrestrial and marine component of ENTMRPA by semestral basis. For this year, there are two biodiversity monitoring conducted in the established monitoring sites using transect walk, transect swim, field diary and Focus Group Discussion (FGD) method.

Series of transect walk were done in Sitio Langeb-langeban, Barangay Aberawan; Sitio Lapuz-lapuz, Bgy. Buena Suerte; Bgy Corong-corong; Sitio Manlalic, Bgy. Manlag; Sitio Calampinay, Bgy. Pasadeña; and Cadlao Trail at Bgy. Buena Suerte. Under brushing, barbwire fencing, permanent structure within transect routes, and newly constructed houses were noted and observed during the transect walk monitoring.

Infestation of crown-of-thorns, presence of marine litters marine litters and extraction of herbivorous fish were identified as main threats during the transect swim monitoring in Pasandigan and Cadlao Island in Bgy. Buena Suerte; Depeldet Reef at Bgy. Corong-corong; Pangulasian Island at Bgy. Bebeladan and Pinagbuyutan Island in Bgy. Manlag, El Nido, Palawan. This Office, together with partners in conservation management conducted series of COTs collection to prevent the outbreak and destructive effect to corals of the said species.

Meanwhile, unregulated fishing and decline of extraction of terrestrial resources to be used as house material, outrigger of boats and fencing were recorded concerns during the Focus Group Discussion (FGD) with the Community Monitoring Group of Bgy. Bucana, Bgy. Manlag, Bgy. Corong-corong, and Bgy. Pasadeña, as seen on table below.

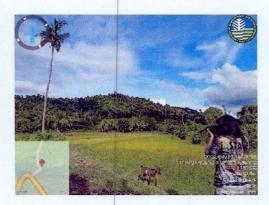
Table 1. Result and findings of the conducted BMS during 1st semester

DATE	ACTIVITY	OBSERVATION		
February 8,9,11 and March 3, 2022	Transect Walk	 Barbwire fencing at So. Lapuz-lapuz, Bgy. Buena Suerte Significant changes on the number of univalve shells in the lagoon in Cadlao trail. 		
February 21, 2022	Photo Site	No negative changes observed		
March 3 and 11, 2022	Transect Swim	Outbreak of Crown of ThornsMarine litters		
February 11, 2022 and March 9, 2022	FGD	Unregulated fishing		
January-March 2022	Field Diary	Numerous numbers of species mammals recorded.	of avifauna, reptiles, and	

Table 2. Result and findings of the conducted BMS during 2nd semester

DATE	ACTIVITY	OBSERVATION		
July 26, August 16, 17, 24 and September 7, and 8, 2022	Transect Walk	 Permanent structure (El Nido Water System) built within the established monitoring site particularly in Sitio Bolalacao, Bgy. Pasadeña Portion of the transect monitoring site is A&D and timberland. During the monitoring, the team observed newly constructed houses within the A&D areas particularly at Bgy. Manlag and Aberawan, El Nido, Palawan 		
July 12, 2022	Photo Site	No negative changes observed		
July 27 and August 24, 2022	Transect Swim	Mild coral bleaching due to infestation of Crown of Thor (COTs)		
July 14 and August 9, 2022	FGD	 Number of catches of fish declined due to bad weather condition Extraction of terrestrial resources used for firewood, fencing, outrigger of boats, and housing materials has declined due to livelihood conversion. 		
July - September 2022	Field Diary	Sightings of Dolphins		









(Top left) FGD, (Top Right) Photo Site, (Bottom left) Transect walk, (Bottom right) Transect swim

b. Communication, Education and Public Awareness (CEPA)

ENTMRPA has developed one (1) photo checklist of flora and fauna found within ENTMRPA and produced two hundred fifty (250) pieces of t-shirts, five hundred (500) pieces stickers, 500 poster, three hundred (300) pieces 2023 calendars and 300 pieces ENTMRPA brochures. These CEPA collaterals were distributed/disseminated to partners and stakeholders of ENTMRPA during the IEC, 24th anniversary celebration of ENTMRPA and public consultations in the barangays of El Nido during the conduct of Protected Area Suitability Assessment (PASA) to promote environmental awareness and disseminate information among the stakeholders within the PA.



















Top left: T-shirts; Top middle: Stickers; Top right: ENTMRPA calendar; Middle left: ENTMRPA brochure; Middle center: Photo checklist; Middle right: Poster; Bottom left: distribution of CEPA material during public consultation at Barangay Bebeladan; Bottom center: Distribution of CEPA material during the 24th anniversary of ENTRMPA; Bottom right: Distribution of CEPA material during IEC campaign at El Nido Central School (ENCS)

C. PAMB Operationalization

c. 1 PAMB Capacity Building

This Office formulated a 10-year capacity building plan covering 2023-2033 for PAMB members and staff based on the data generated from the Training Needs Assessment (TNA) during the last quarter of the year. A total of twenty-three (23) PAMB members composed of *ex officio*, representative from NGO or PO, Indigenous People, private sectors and nineteen (19) PAMO personnel was administered and assessed using the TNA questionnaire.

Most of the selected topics were rated "poor" based on their level of knowledge and understanding. Further, both PAMB members and PAMO staff preferred the same options of resources needed for the training except for the relevant equipment which selected by the PAMO.

Table 3. Training Methods, Logistics and Requirements

Preferred training/ Learning Methods (3)	 Lecture/ Discussion with open forum Workshop with deliverables Cross/Site Visit
Preferred Resource Persons (4)	DENR Central Office Invited experts Concerned Bureaus NGO
Preferred Facilitators (2)	HRD In-house: Region or In-house: Field
Preferred Venue (2)	Hotel + accommodationIn-house: field
Frequency of Trainings (1)	Once a year
Logistics and Requirements (3)	 Training/Reference Materials (printed/digital) Endorsement/ Coordination with concern offices Budgetary Requirements (id selected, specify source)









Top photos: TNA for PAMO personnel; Bottom photos: TNA for PAMB members

Table 4. Summary of data rated and selected by PAMB members per category to be prioritized for ENMTRPA

	tures of the RA 1103 ended and its IRR	8 or the NIPAS	Level of Knowledge and understanding
1)	Ancestral Domains at Rights	nd Existing	Poor
2)	Special Use Agreeme Areas (SAPA) (Sec 2		Poor
3)	IPAF		Poor
4)	Facilities within PA		Poor
5)	PA Dis/Establishmen	Process	Poor
6)	Management Plan ar Zones	d Management	Poor
7)	PAMB Operationaliza	ntion	Poor
8)	Special Prosecutors, and Penalties (Section		Poor
Competen	ated and other and Te cies (with reference t BMB TBs)		
9)	Protected Area Suita Assessment (PASA)	bility	Poor
10)	SAPA		Poor
11)	Protected Area Mana PAMB Manual of Ope		Poor
12)	Formulation of PA bil	ls	Poor
13)	Delineation/ Demarca	ation of PAs	Poor
14)	PACBRMA Process		Poor
15)	Permit issuances		Poor
	Policy Framework fo tion and Environmen		
16)	Provisions of the Loc Code (RA 7160) rele environmental planni management	vant to	none
17)	Revised Forestry Co	de	None to Poor
18)	IPs Rights Act of 199	97 RA 8371	none
19)	Provision of the 1987 relevant to environment management		none
20)	Water Code of the P	hilippines	None to Poor

c.2 PAMB meetings

The Protected Area Office of ENTMRPA was able to facilitate PAMB meetings for the year 2022 equivalent to 100% accomplishment out of 4 targets. One (1) was Executive Committee (EXECOM) and three (3) was by the En Banc. A total of eighteen (18) PAMB resolutions were passed by the board. PAMB members includes forty-three (43) members, which composed of two (2) Chairmanship, twenty-seven (27) members from LGU-El Nido the representative of 1st district, Municipal Mayor, Palawan Council for Sustainable Development (PCSD), SB Chair for Environment and Tourism, Municipal Environment and Natural Resources Office (MENRO), Municipal Tourism Office (MTO), Municipal Engineering Office (MEO), Municipal Planning Development Office (MPDO) and Barangay Captains, four (4) members of LGU-Taytay the Municipal Mayor, and Barangay Captains, two (2) government agencies from Philippine National Police (PNP) and Department of Education (DepEd), and eight (8) members of People's Organization (PO) and Non-Government Office (NGO) which are the El Nido Foundation (ENF), National Commission on Indigenous People (NCIP/IP), Women's Federation, Cottages Restaurant Resort Association El Nido (CCRAEN), Bacuit Scuba Diver Association (BSDA), Municipal Fisheries and Aquatic Resource Management Council (MFARMC), Municipal Tourism Council (MTC), and Municipal Agricultural and Fishery Council (MAFC).

Table 5. List of PAMB meetings and resolution passed for CY 2022

January 27, 2022 ENBANC

Attendance: 24 Male; 17 Female

- Resolution No. 001, Series of 2022 "A Resolution Requesting the Department of Environment and Natural Resources (DENR) – Provincial Environment and Natural Resources Office (PENRO) to Process and Facilitate the Procurement of Capital Outlay under the Approved Work and Financial Plan (WFP) 2021 of Integrated Protected Area Fund (IPAF) of El Nido-Taytay Managed Resource Protected Area (ENTMRPA)"
- Resolution No. 002, Series of 2022 "A Resolution Requesting to Temporary Hold the Collection of User's Fee for Secret Beach, Matinloc Island, Barangay Bebeladan, El Nido, Palawan and Thoroughly Review the Implementation of Resolution No. 51, Series of 2017"
- Resolution No. 003, Series of 2022 "A Resolution Requesting the El Nido-Taytay Managed Resource Protected Area (ENTMRPA) Protected Area Management Office (PAMO), Palawan Council for Sustainable Development Staff (PCSDS) and Municipal Tourism Office (MTO) to Conduct Boundary Delineation at Cagbuanga Falls, Sitio Mabengeten, Barangay Villa Paz, Nagkalit-kalit Falls and Bulalacao Falls, Barangay Pasadeña, El Nido, Palawan"
- Resolution No. 004, Series of 2022 "A Resolution Requesting to Review Locally the Policies and Guidelines of Department of Environment and Natural Resources (DENR) to Expedite SAPA Application Process"
- Resolution No. 005, Series of 2022 "A Resolution Conditionally Endorsing the Bebeladan Service Cooperative (BESECO) to Operate Kayak Rentals at Big Lagoon, Matinloc Island, Barangay Bebeladan, El Nido, Palawan"
- Resolution No. 006, Series of 2022 "A Resolution Conditionally Endorsing Mr. Dante Moreno to Operate Kayak Rentals at Big Lagoon, Matinloc Island, Barangay Bebeladan, El Nido, Palawan"
- Resolution No. 007, Series of 2022 "A Resolution Requiring All Erring Commercial Establishments Occupying Timberland within Protected Area to Apply"
- Resolution No. 008, Series of 2022 "A Resolution Requiring All Erring Commercial Establishments Occupying Timberland with Existing Development to Pay Rentals Based on Special Use Agreement in Protected Area (SAPA)"

Resolution No. 008, Series of 2022 "A Resolution Endorsing the Laying of Sewer Pipeline at Mangrove Area located at Barangay Corong-corong, El Nido, Palawan"

April 28, 2022 ENBANC

Attendance: 28Male; 22 Female

- Resolution No. 010, Series of 2022 "A Resolution Authorizing the Protected Area Management Board (PAMB) Project Development Committee (PDC) To Deliberate the Pending Projects Submitted to Protected Area Management Office (PAMO) Prior to Moratarium
- Resolution No. 011, Series of 2022 "A Resolution Allowing the ABConservation to Enter into Memorandum of Agreement (MOA) for the Conduct of Bearcat Study Program in El Nido-Taytay Managed Resource Protected Area (ENTMRPA), El Nido, Palawan
- Resolution No. 012, Series of 2022 "A Resolution Endorsing the Marine Turtle Research, Conservation and Awareness in Palawan and Southeast Asia of Large Marine Vertebrates Research Institute Philippines (LAMAVE) located in El Nido, Palawan
- Resolution No. 013, Series of 2022 "A Resolution to Recognize the Titled Properties within Timberland and within Protected Area Subject for Development"
- Resolution No. 014, Series of 2022 "A Resolution Endorsing the Municipal Building of Local Government of El Nido Located at Barangay Masagana, El Nido, Palawan"
- Resolution No. 015, Series of 2022 "A Resolution Endorsing the Proposed Lapas Talipapa of Barangay Council of Barangay Pasadeña, El Nido, Palawan"
 Resolution No. 016, Series of 2022 "A Resolution Requesting the DENR Regional Executive Director to Lift the Moratorium in the Municipality of El Nido, Palawan"

August 11, 2022 EXECOM

Attendance: 14 Male; 9 Female

- Resolution No. 017, Series of 2022 "A Resolution Creating Special Committee to Review the Results and Recommendation on the Comments Regarding the Request for Lifting of Moratorium in El Nido, Palawan"
- Resolution No. 018, Series of 2022 "A Resolution Recommending the Coral Rehabilitation in Affected Area Within the Biodiversity Monitoring System (BMS) and Diving Sites in El Nido-Taytay Managed Resource Protected Area (ENTMRPA)"

September 29, 2022 ENBANC

Attendance 33 Male; 17 Female

- A resolution creating special committee to review the results and request for lifting of moratorium in El Nido, Palawan; and
- A Resolution Recommending the Coral Rehabilitation in Affected Area within the Biodiversity Monitoring System (BMS) and Diving Sites in El Nido-Taytay Managed Resource Protected Area (ENTMRPA).

November 10, 2022 ENBANC

Attendance 33 Male; 21 Female

- A resolution endorsing the El Nido-Taytay Managed Resource Protected Area (ENTMRPA) Work and Financial Plan (WFP) CY 2023 For Protected Area Management Office (PAMO) under Integrated Protected Area Fund (IPAF);
- A Resolution Allowing the Barangay Local Government Unit (BLGU) To Utilized the Remaining Fifteen (15) Million of Integrated Protected Area Fund (IPAF) – Retained Income Account (RIA) to be used solely for the protection, maintenance, administration and management of the Protected Area;
- A resolution updating the carrying capacity study to serve as basis in drafting bill for preparation of master plan to include determination of appropriate easement in El Nido-Taytay Managed Resource Protected Area (ENTMRPA) and other matters;
- A resolution creating a body to draft guidelines for kayaking and use of light attractor

- A resolution requiring any proponent of the seaplane project in protected area to undergo
 the Environmental Impact Assessment (EIA) subject to review and approval of DENR
 Environment Management Bureau (EMB), Protected Area Management Board (PAMB)
 and Local Government Unit (LGU);
- A resolution creating the Technical Working Group (TWG) to develop a plan for the hauling and collection of used oil and other hazardous waste generated by motorized boat with marina, Philippine Coast Guard (PCG), Philippines Port Authority (PPA), DENR Environment Management Bureau (EMB) and other agencies concerned;
- A resolution endorsing the proposed by-pass road from Barangay Villa Libertad to Sitio Danat, Barangay Manlag, El Nido Palawan project of Local Government of El Nido;
- A resolution endorsing the proposed rehabilitation of El Nido land transport terminal located at Barangay Corong-Corong, El Nido, Palawan Project of Local Government of El Nido, Palawan;
- A resolution endorsing the proposed Bulalacao watershed characterization of El Nido Foundation (ENF) represented by Mr. Eric Lopez, consultant located at Barangay Pasadeña, El Nido, Palawan; and
- A resolution adopting the updated Environmental Critical Area Network (ECAN) map 2022 of Palawan Council for Sustainable Development (PCSD) for the municipality of El Nido.

December 15, 2022 ENBANC

Attendance: 33 Male; 16 Female

 Twenty-four (24) resolutions were duly endorsed by the board as subject for approval on the next PAMB ENBANC meeting





Left: PAMB-ENBANC meeting on January 27, 2022; Right: PAMB-ENBANC meeting on April 28, 2022





PAMB-ENBANC meeting on September 29, 2022





PAMB-ENBANC meeting on December 15, 2022

Further, a total of twelve (12) committee meeting was conducted this year composed of Project Development Committee meeting, Conflict Resolution, Project Development, Special Project Development and Special Conflict Resolution (as seen in the table below).

Table 6. List of committee meetings conducted for CY 2022

Activity & Date	Agenda
Project Development Committee Meeting January 25, 2022	 ENIMA Resolution No. 21-002 entitled "A resolution requesting the Protected Area Management Board (PAMB) of the El Nido-Taytay Managed Resource Protected Area (ENTMRPA) to create a team, together with the LGU, to produce tenurial instruments for the construction of tourism facilities in El Nido, Palawan."; Letter request of Mr. Dante A. Moreno for Kayak Rentals located at Bgy. Bebeladan, El Nido, Palawan; Letter request of Bebeladan Service Cooperative (BESECO) to operate a kayak rental business at Big and Small Lagoon, Bgy. Bebeladan, El Nido, Palawan. Letter from Hon. Edna G. Lim of Municipal Government of El Nido,
	Palawan requesting clearance for the laying of the sewer pipeline within the mangrove area in Bgy. Corong-corong; 5. Presentation of ABConservation for the proposed renewal of permit.
Conflict Resolution Committee Meeting	 Conflicting Claims over Lot No. 783 (portion) CAD 1037-D by SPS. Romeo Namia and Efipania Llanera-Namia, Roy L. Namia versus Laurencito Tiu represented by Ms. Brenda Flores.
January 26, 2022	 Establishment operating without PAMB Endorsement and/or Special Use Agreement in Protected Area (SAPA). Kayak Operators in Small and Big Lagoon and Cadlao Lagoon. Other matters Review of ABConservation MOA; Review of DAO 2021-07 "Guidelines on the establishment
	of legal easements along the seas, rivers, lakes, esteros and creeks".
Project Development Committee Meeting	 10. Approval of ABConservation Memorandum of Agreement (MOA); 11. Application of Gratuitous permit of Large Marine Vertebrates Research Institute Philippines Inc. represented by Dr. Alessandro Ponzo;
March 11, 2022	 12. Proposed Aquai Eco-Entertainment Resort owned by Mr. Gerard A. Heinen Jr. located at Bgy. Corong-corong. El Nido, Palawan 13. Letter of Mr. Joseph T. Tan of Jeco Development Corporation to do ground filling located at Bgy. Masagana, El Nido, Palawan 14. Other matters a. Procedure during the PDC Site Inspection
Special Project	1. Application of Gratitous permit of Large Marine Vertebrates
Development	Research Institute Philippines Inc. represented by Dr. Alessandro
Committee Meeting	Ponzo; 2. Proposed Aquai Eco-Entertainment Resort owned by Mr. Gerard A
March 18, 2022	Heinen Jr. located at Bgy. Corong-corong, El Nido, Palawan; 3. Procedure during the PDC Site Inspection:

Special Project Development Committee Meeting March 25, 2022 April 26, 2022Project Development Committee Meeting March 25, 2022 April 26, 2022Project Development Committee Meeting The special Project Development Committee Meeting 1. Letter of ABS-CBN to conduct filming in El Nido, Palawan 2. Proposed Seaplane Operation of Horizon Sun Characteristic Proposed Villa V owned by Ms. Violita L. Lim located at Bgy. B Suerte, El Nido, Palawan; 4. Letter of Hon. Conchita F. Paraguiton regarding the management proposed location of Lamoro Talipapa located at So. Lamoro, Pasadeña, El Nido, Palawan 5. Proposed Fish port of Bgy. Manlag Council located at Siminaytay, Bgy. Manlag, El Nido, Palawan.	uena
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Conflict Decolution 1 Cuidelines in Verel acceptions within leave to the	. 30.
Conflict Resolution 1. Guidelines in Kayak operations within lagoons;	
Committee Meeting 2. Guidelines using superlight or light attractor within ENTMRPA	
July 29, 2022 3. Re-using of PA users fee in revocable manner as raised by MTO;	y the
4. Guideline in Taraw cliff climbing in ENTMRPA;	
Intensification of IEC on filming in ENTMRPA and its procedu	re:
6. Guidelines in Seaplane operation within ENTMRPA;	,
7. Designation area for <i>bailing water out of a boat</i> and oil disch	arge:
and,	u. g.c,
8. Other matters	
a.Resolution No. 2017-051 series of 2017;	
b.Ambulant & Stationary Vendors PAMB Resolution No. 2018	2 012
series of 2018	3-012
c. Boat anchorage in Coral reef ecosystem within Dive & sn sites;	orkel
d.CDO of Seawall construction at Bgy. Buena Suerte, El	Nido
Palawan	rvido,
	luono
Project a. Presentation of DPWH for seawall project located at Bgy. B Development Suerte, El Nido, Palawan;	uena
Committee Meeting b. Presentation of Bgy. Council of Bgy. Bucana re: Bara	naav
Resolution No. 15 series of 2022;	ingay
August 25, 2022 c. List of projects received by PAMO before the moratorium;	
d. Proposed Construction/improvement of access road leading	na to
Nacpan Beach, Bgy. Bucana, El Nido, Palawan	ig to
e. Presentation of MTO re: proposed Island CR	
f. Other matters	
a.Approval of all proposed road networks reflected in CLWU	p.
b. Proposed El Nido Terminal of Local Government Unit (LG	io) of
El Nido located at Bgy. Corong-corong, El Nido, Palawan	
Consid Project 1 Proportation of water system of MECDO.	
Special Project 1. Presentation of water system of MEEDO;	
Development Committee Meeting 1. Presentation of water system of MEEDO; 2. Presentation of ITD production for the proposed shooting of B Line in Bacuit Bay, El Nido, Palawan;	order

September 14,	3.Presentation for the proposed Bulalacao Watershed
2022	Characterization of Mr. Eric Lopez, ENF Consultant;
	4. Presentation of DPWH with Punong Barangay Ricky Ballena for
	seawall project located at Bgy. Buena Suerte, El Nido, Palawan;
	5. Proposed construction/improvement of access road leading to
	Nacpan Beach, Bgy. Bucana, El Nido, Palawan of DPWH;
	6. List of pending project applications from FY 2019 until this year in light of the execution of Executive Order No. 22-040
Project	1. Letter request of Mr. Pedro Manga to operate a kayak rental
Development	business at Cadlao Lagoon, Bgy. Buena Suerte, El Nido, Palawan;
Committee Meeting	2. Letter request of Ms. Christine Nicole Lim-Gabarra to operate a
	kayak rental business at Big and Small Lagoon, Bgy. Bebeladan
November 3, 2022	and Cadlao Lagoon, Bgy. Buena Suerte, El Nido, Palawan;
	3. Presentation and approval of Barangay project to be included in IPAF WFP 2023;
	4. Presentation of seawall project located at Bgy. Buena Suerte, El
	Nido, Palawan by DPWH;
	5. Other matters
	a. Pending projects prior to moratorium
Conflict Resolution	1. PAMB Resolution No. 078 series of 2019 "A resolution adopting the
Committee Meeting	guidelines for the accreditation of tour operators, boat operators,
	dive shops and tour guides operating within ENTMRPA, El Nido,
November 24, 2022	Palawan";
	Guidelines in Kayak operations within lagoons;
	3. Barangay Resolution No. 14 series of 2022 "Resolution requesting
	from the PAMB to allow or give opportunity to the residents of
	Bebeladan to conduct or engage in selling o food items (ambulant
	vendors) in the islands and beaches within the jurisdiction of this
	Barangay"; 4. SB Resolution No. 22-199 "A resolution earnestly requesting the
	PAMO- El Nido to temporarily suspend the imposition of the
	ENTMRPA PAMB Resolution No. 2018-012 entitled "A Resolution
	Prohibiting Ambulant and Stationary Vendors in all Islands of Bacuit
	Bay, El Nido, Palawan" in the Municipality of El Nido, Palawan";
	5. Report on the issue of oil spill incident from tourist boat within Bacuit
	Bay;
	6. Letter from Ms. Rhea Esguerra Llagas to allow us to carry and use
	our own kayak inside the small and big lagoon for our guest; and,
	7. Other matters
	a.PAMB Resolution No. 051 series of 2017 especially the secret
	Beach;
	b. Use of User's fee in lagoons
Special Conflict	1. PAMB Resolution No. 078 series of 2019 "A resolution adopting the
Resolution	guidelines for the accreditation of tour operators, boat operators,
Committee Meeting	dive shops and tour guides operating within ENTMRPA, El Nido,
D 4 0000	Palawan";
December 1, 2022	2. Guidelines in Kayak operations within lagoons;





Conflict Resolution Committee meeting on January 26, 2022





Project Development Committee meeting on March 11, 2022





Special Project Development Committee Meeting on March 25, 2022





Project Development Committee Meeting on April 26, 2022





Conflict Resolution Committee Meeting on July 29, 2022





Project Development Committee Meeting on August 25





Project Development Committee Meeting on November 3, 2022





Conflict Resolution Committee Meeting on November 24, 2022

d. Ecotourism Program

This Office maintained four (4) PA facilities within ENTMRPA, through the initiatives of the Forest Rangers (Team Leader), Park Rangers and Forest Protection Officers (FPO) assigned in every station by doing regular cleaning, checking, and repair of the facilities. Hereunder are the list of activities done for the CY 2022.

Table 7. List of facilities maintained

No.	Name of facility maintained	Location	Accomplished Activity
1	Dive House	Bgy. Corong-corong	 Clean-up Cleaning of comfort rooms Replacement of damaged light bulbs Repair of entrance and exit gate Repair of perimeter fence MBCA Ploning and Marshal-1 boat's engine maintenance Repair & replacement of ceiling
2	Protected Area Management Office (PAMO)	Bgy. Masagana	 Clean-up Replacement of defected light bulbs Doing laundry chores Housekeeping Mounting of tarpaulins Re-arrangement of office tables Replacement of ploy carbonated roof in the veranda
3	Forest Product Monitoring Station (FPMS) - II	Bgy. Bagong Bayan	 Grass cutting Cleaning and mopping of floor Repair of dirty kitchen Sweeping of dry leaves Repair of wall and ceiling
4	Forest Product Monitoring Station (FPMS) - IV	So. Lamoro, Bgy. Pasadeña	 Clean-up Construction of lumber shed area Repair of station's roof Fencing of boundary













Top left) Lamoro station, (Top Right) Grass cutting, (Bottom left) During construction of lumber shed, (Bottom right) Lumber shed Bagong Bayan Station









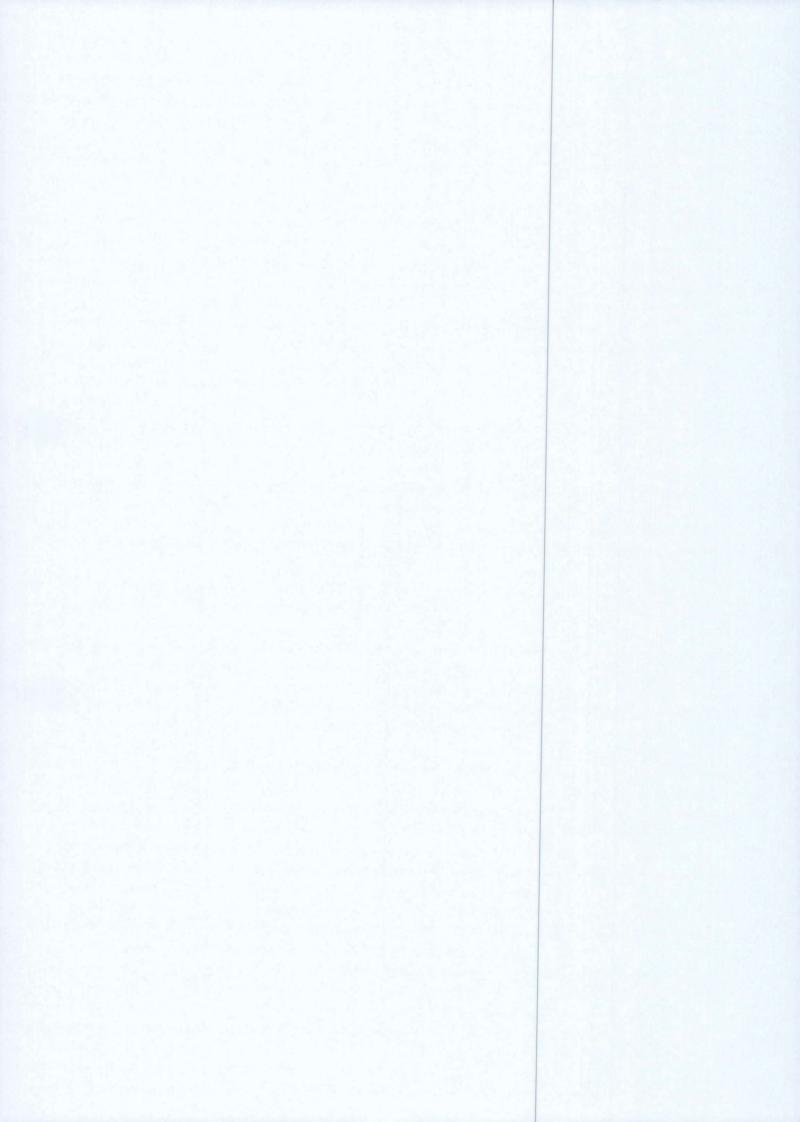




Repair of Dive house station wall ceiling



Maintenance and repair of PAMO Building



e. Integrated Protected Area Fund

Revenues generated from the operation and management of the protected area accrue to the IPAF with a total amount of Php 47,549,135.21 as November 30, 2022. The PAMB retained seventy-five percent (75%) revenue raised through the above means amounting to Php 35,661,851.41 which deposited in the Protected Area-Retained Income Account (PA-RIA). The remaining twenty-five percent (25%) amounting to Php 11,887,283.80 was deposited to the Landbank of the Philippines-Rizal Avenue Branch, Puerto Princesa City under the Special Account in the General Fund (SAGF) in the National Treasury.

Table 8. IPAF collection as of November 30, 2022

Month	User's Fee	Certification Fee	Filming Fee	SAPA Annual Fee	Total
January	112680.00	240.00		569,575.21	682,495.21
February	1,653,360.00	120.00			1,653,480.00
March	2,875,540.00	60.00			2,875,600.00
April	5,496,120.00	120.00			5,496,240.00
May	6,192,880.00	180.00			6,193,060.00
June	5,526,640.00		25,000.00		5,551,640.00
July	5,769,840.00				5,769,840.00
August	4,995,680.00				4,995,680.00
September	3,874,080.00				3,874,080.00
October	4,985,760.00	180.00	20,000.00		5,005,940.00
November	5,401,080.00		50,000.00		5,451,080.00
					47,549,135.21

*Based on the memorandum report dated February 9, 2022, March 9, 2022, April 18, 2022, May 18, 2022, June 9, 2022, July 8, 2022, August 23, 2022, September 21, 2022, October 12, 2022, and November 9, 2022.

f. Monitoring of Corals, Mangroves and Seagrass

This Office conducted orientation on Biodiversity Assessment and Monitoring System (BAMS) for coastal and marine ecosystems on March 29-31, 2022 to selected ENTMRPA personnel and representatives from the Local Government Unit of El Nido Coastal Municipal Environment and Natural Resources Office (LGU-MENRO) and Palawan Council for Sustainable Development (PCSD) held at Seaslugs Events and Catering Services, Bgy. Maligaya, El Nido, Palawan. The participants were capacitated on biodiversity assessment and monitoring protocol specifically on mangroves and corals/ associated fishes.





(Left) BAMS orientation at Seaslugs Events Catering Services, Bgy. Maligaya, El Nido (Right)
Facilitators (CENRO Taytay) and participants (MENRO, PCSDs, ENTMRPA) at Dive House, Bgy.
Corong-corong, El Nido, Palawan

On April to May 2022, ground-truthing on Mangroves, Corals, and Seagrass was conducted within ENTMRPA. The area of corals expanded to 1,044.96 hectares, while in seagrass were de-escalated to 925.295 hectares, and mangroves to 269.1 hectares as seen in table below.

Table 9. Result on Ground-truthing of Corals, Seagrass, and Mangroves

	BASELINE DATA		2022	JUSTIFICATION/OBSERVATION	
COASTAL HABITAT	2017-2018 GROUND TRUTHING AS PER WFP-GAA	REMOTE SENSING	GROUND-		
Corals	423 hectares		1,467.93 hectares	Actual ground-truthing result shows high coral cover than the previous data within ENTMRPA	
Mangroves		1,547.13 hectares	1,278.03 hectares	Threats identified during actual ground-truthing are mangrove cuttings and conversion	
Seagrass	1,447.125 hectares		521.83 hectares	Some areas are dominated by Macroalgae (Sargassum sp.) and dead corals based on the actual ground-truthing	





Ground-truthing of coastal habitats within ENTMRPA

On October 10, 2022, this Office attended the meeting at the Provincial Environment and Natural Resources Office (PENRO) regarding on the "Presentation of the result of the mapping and identification of mangroves, seagrass, and corals conducted in CY 2018 for ENTMRPA and MSPLS. The activity was also attended by Mr. Joel Becira and Mr. Honorio Pagliawan of the Western Philippines University (WPU). Based on the agreements and findings during the meeting, WPU established only three (3) sampling stations of seagrass during the assessment in 2018 which supposedly twenty (20) sampling stations. Thus, this office agreed to continue the conduct of the assessment of additional seventeen (17) sampling stations to serve as baseline data for the selection of 3-4 permanent monitoring stations. During the meeting, this office also informed the conservation and development section regarding the target on mangrove habitat that there is no baseline data available for ENTMRPA. However, this office started to conduct baseline assessment since March 2022 for the establishment of monitoring sites for mangroves.





Meeting with PENRO CDS, WPU representatives and concerned PAs

f.1 Seagrass

ENTMRPA established four (4) seagrass monitoring sites with a total area of 113.79 hectares together with Municipal Environment and Natural Resources Office (MENRO). Below is the result of the seagrass habitat monitoring of ENTMRPA for CY 2022.

Table 10. Result of the seagrass habitat in five (5) established monitoring sites within ENTMRPA

			The second secon	
LOCATION	AREA (HA)	SEAGRASS CONDITION	BIODIVERSITY INDEX CATEGORY	
So. Seminaytay, Barangay Manlag	57.43	Fair	Low diversity	
So. Simpian, Bgy. Aberawan	36.36	Good	Low diversity	
Snake Island, Bgy. Bebeladan	14	Poor	Low diversity	
So. Caalan, Bgy. Masagana	6	Fair	Low diversity	





Seagrass assessment and monitoring within ENTMRPA

f.2 Corals

ENTMRPA established four (4) coral monitoring sites with a total area of 126.81 hectares together with Municipal Environment and Natural Resources Office (MENRO). Below is the result of the coral habitat monitoring of ENTMRPA for CY 2022.

Table 11. Result on corals monitoring

MONITORING SITES	AREA (HA)	HARD CORAL COVER (HCC)		FISH VISUAL CENSUS CATEGORIES	
		%	CATEGO RY	FISH BIOMASS (MT/kM2)	FISH DENSITY (INDIVIDUAL/1000M2)
Depeldet Reef,Bgy. Corong-corong	33.77	33.04	НСС В	Very Low	Moderate
Helicopter Island, Bgy. Buena Suerte	26.18	20.9	HCC D	Very Low	Moderate
So. Pagawanen, Bgy. Bebeladan	8.24	32.02	HCC C	Medium	Moderate
Lalutaya Island, Bgy. Bucana	11.75	11.75	HCC C	Low	Moderate
So. Cagbatang, Bgy. Pasadeñ	46.87	46.87	HCC A	Low	Moderate





Coral assessment and monitoring within ENTMRPA

f.3 Mangroves

A total of 69.33 hectares of mangroves were assessed out of 1, 278.03 hectares as per 2022 ground-truthing for ENTMRPA. This office will carry on the assessment until next year since there is no baseline data for selecting a permanent monitoring site.



Mangrove assessment at Barangay Manlag, El Nido, Palawan

g. Water Quality Monitoring within legislated NIPAS PA/ total actual Pollution load on coastal and marine ecosystems within PA

The Water Quality Monitoring within National Integrated Protected Areas System (NIPAS) Protected Area was conducted every month. It was spearheaded by Provincial Environmental Management Unit (PEMU) and assisted by this Office in the nine (9) outfall stations, three (3) estero station, six (6) Corong-corong cove stations, ten (10) El Nido, Bay stations, and twenty (20) tourist island destinations with a total of forty-eight (48) monitoring/sampling stations within ENTMRPA. The collected water samples were sent to Environmental Management Bureau (EMB) Regional Office for determination and analyses of water parameters.

Table 12. List of conducted water quality monitoring for CY 2022

No.	Date of activity	Location			
1	February 15, 2022	Bacuit Bay (6 stations)			
2	March 21 and 28, 2022	Bacuit Bay (6 stations); El Nido Bay 10-stations; Estero Stations (3 stations); and Outfall/coastal sampling stations (Bacuit Bay)			
3	April 19, 2022	Bacuit Bay-6 stations; Outfall/coastal sampling stations (Bacuit Bay 9); and El Nido Bay 10			
4	May 16, 2022	Bacuit Bay 6; Bacuit Bay Coastal; Bacuit Bay Outfall; and El Nido 10			
5	June 7, 2022	Bacuit Bay 6; Bacuit Bay Coastal; El Nido Bay 10; Corong-corong outfall; El Nido Estero Outfall; and Masagana outfall			
6	June 22, 2022	Bacuit Bay 6			
7	June 27, 2022	Bauit Bay Coastal			
8	July 12, 2022	Bacuit Bay 6; Bacuita Bay Coastal; Bacuit Bay Outfall; and El Nido Bay 10			
9	August 1, 2022	Corong-corong and Masagana			
10	August 2, 2022	El Nido Bay 10; Bacuit Bay 6; and Bacuit Bay Coastal			
11	August 16, 2022	Bacuit Bay 6; Bacuit Bay Outfall; and Bacuit Bay Coastal			
12	September 5, 2022	Bacuit Bay 20 Island Destinations			
13	September 6, 2022	Bacuit Bay 6Bacuit Bay Coastal; and El Nido Bay 10			
14	October 4, 2022	Bacuit Bay 6 stations; Bacuit Bay Coastal; and Bacuit Bay Outfall			
15	October 5, 2022	El Nido Bay 10-Stations; Estero Stations			
16	October 18, 2022	Bacuit Bay 6 stations; Bacuita Bay Coastal; and Bacuit Bay Outfall;			
17	November 8, 2022	Bacuit Bay 6 stations; Bacuita Bay Coastal; and Bacuit Bay Outfall;			
18	November 8-9, 2022	Bacuit Bay 20 Island Destinations			

Further, on March 4 & 14, 2022, this Office and EMB installed a total of seven (7) signages portraying the designation of Bacuit-El Nido Bay as Water Quality Management Area (WQMA) pursuant to the DENR Administrative Order (DAO) No. 2021-44 for information of locals and visitors/tourists in El Nido, Palawan.





WAQMA monitoring within ENTMRPA

h. Maintenance And Protection of Coastal and Marine Ecosystems

h.1 Patrolling

This Office thru the assistance of the Enforcement monitoring section of CENRO Taytay was able to patrol a total area of 56,449.23 hectares within coastal and marine areas of ENTMRPA. Series of patrol and monitoring operations also lead to three (3) apprehensions and confiscation of motorized boat, and fishing paraphernalia.

Other threats monitored and investigated by this Office were fish corral within the Strict Protection Zone, fish pens, construction of seawall, building within mangrove area, fish pond, construction of nipa hut within 40-meter easement zone, and ambulant vendors operating without PAMB permit within the SPZ, restricted zone, and snorkelling zone based on PAMP marine management zonal classification.

Meanwhile, three dolphins were sighted during the patrol and monitoring in Dibuluan Island and Cathedral Cave at Barangay Bebeladan, El Nido, Palawan.



(Right) Apprehended fishing paraphemalia, (Left) Ambulant vendor



Apprehended two (2) fishing vessel

h.2 Conduct of regular habitat surveys

Four regular habitat surveys were conducted this year for ENTMRPA equivalent to 100% accomplishment. Coral bleaching caused by infestation of Crown-of-Thorns were observed in Pasandigan beach, Cadlao Island, and Pangulasian Island. Charcoal kiln, mangrove cutting was also observed during the survey in some coastal areas and these observations were all reported. Continuous monitoring is being undertaken by ENTMRPA-PAMO.





Mangrove cutting





(Left) Crown of Thoms (COTs) infestation, (Right) Coral bleaching Mangrove cuttings

h.3 Repair maintenance of equipment

Diving Gears

A total of fifty-five (55) serviceable diving gears were regularly maintained and properly stored every month. Some of the diving gears is under General Appropriation Act (GAA) and Eco-Tourism Development Fund (ETDF) from Local Government Unit of El Nido.

Table 13. List of diving gears maintained

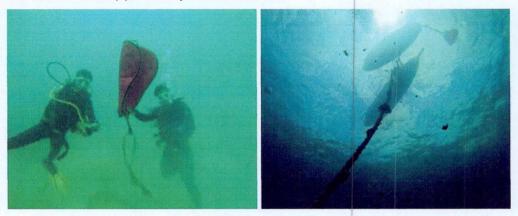
NO.	EQUIPMENTS	NUMBER OF UNITS	YEAR ACQUIRED/DEVELOPED	CONDITION
1	Booties	5 pairs	2013 & 2021	Serviceable
2	Aqualung fins	5 pairs	2013 & 2021	Serviceable
3	Mask	4 pcs	2013 & 2021	Serviceable
4	Weight belt	4 pcs	2013	Serviceable
5	Weights	13 pcs	2013	Serviceable
6	Buoyancy Control Device (BCD)	7 pcs	2013 & 2021	Serviceable
7	Regulator	6 units	2013 & 2021	Serviceable
8	Tank	4 pcs	2021	Serviceable
9	Wet Suit	2 pcs	2021	Serviceable
10	Compass	2 units	2021	Serviceable
11	Depth Gauge	2 units	2021	Serviceable
12	Scuba Gloves	1 unit	2021	Serviceable
	TOTAL	55		



Scuba Diving gears

Buoys

On March 9, 2022, this Office participated on the restoration and rehabilitation of mooring buoys at Cadlao Island, Bgy Buena Suerte spearheaded by Malampaya Foundation Inc. (MFI). A total of two (2) mooring buoys were restored, mooring ropes were rehabilitated, and four (4) new buoys have been built.



Restoration and installation of mooring buoys

Boat

Park Rangers and Forest Protection Officers of this office conducted monthly repair and maintenance of four (4) patrol boats, the M/BCA Ploning, Marshal-2 (Subingan), Marshal-1, and Speed Boat that was anchored at Diver's House Station, Bgy. Corongcorong. Maintenance activities include removal of dirt on the boat's body, checking of engine oil and water, and its other parts. This activity was done to avoid any problem during patrolling, monitoring and other activities of ENTMRPA.



(Top left) M/BCA Plonning, (Right) Marshal-2 "Subingan", (Bottom left) Marshal-2, (Bottom right) Speed boat

Signages

On April 26, 2022, this Office conducted maintenance of signages at Entalula Island, Bgy. Bebeladan, El Nido, Palawan. One (1) signage was maintained in the said area. This signage was installed last April 14, 2021, and act as a Protected Area (PA) landmark, reminding tourists/visitors of the allowed and prohibited activities on the island aligned to green fins initiative.



Installation of signage

Camera

On October 4, 2022, this office received two (2) Go Pro Hero 9 underwater cameras. This device used in every fieldwork activity especially when doing habitat assessment and monitoring. Every after use it is rinsed with fresh water and keeping it dry by wiping it with tissue paper.



Procured underwater camera

Crown of Thorns Extraction

This office initiated, organized, and participated series of extraction and collection of COTs in the marine areas of ENTMRPA. The said activities were successfully conducted through efforts by partner agencies and partners in conservation management to prevent the COTs outbreak in El Nido and maintain healthy coral ecosystems in general. COTs were carefully extracted and collected through vinegar injection method and manual collection using tong. A total of four thousand two hundred four (4,204) were collected, as seen in table below.

Table 14. List of collected Crown of Thorns (COTs)

Date Conducted	Location	Number of COTS collected	Partner Agency/ies
February 18, 2022	Twin Rock, Brgy. Bebeladan	89	Municipal Environment and Natural Resources Office (MENRO) of El Nido
	Twin Rock, Brgy. Bebeladan Shimizu Island, Brgy. Bebeladan Mitri Rock, Cadlao Island, Bgy. Buena Suerte Pasandigan Cove, Cadlao Island, Bgy. Buena Suerte Pasandigan Beach and Serenity Beach, Cadlao Island, Bgy. Buena Suerte Nat-nat Beach and Paradise Beach, Cadlao Island, Bgy. Buena Suerte Matinloc Island, Bgy. Buena Suerte	44	FEBRUARY 18, 2022
February 22, 2022		89	Malampaya Foundation Inc. (MFI) and Municipal Environment and Natural Resources Office (MENRO) of El Nido
March 3, 2022		59	-
March 23, 2022	Pasandigan Beach and Serenity Beach, Cadlao Island, Bgy.	1, 120	Malampaya Foundation Inc. (MFI, Municipal Environment and Natural Resources Office (MENRO) of El Nido and volunteer divers
May 3, 2022 Beach, Cadlao Island, Bgy.		691	Malampaya Foundation Inc. (MFI), Municipal Environment and Natural Resources Office (MENRO) of El Nido and volunteer divers
May 12, 2022	Matinloc Island, Bgy. Bebeladan	716	Municipal Environment and Natural Resources Office (MENRO) of El Nido and volunteer divers
June 10, 2022 Lalutaya Island, Bgy. Bucana		183	Malampaya Foundation Inc. (MFI), Municipal Environment and Natural Resources Office (MENRO) and Samahan ng Mangingisda Tungo sa Kalikasan (SMTK)
June 19, 2022	Masagana MPA, Bgy. Masagana	530	Municipal Environement and Natural Resources Office (MENRO) and Municipal Tourism Office (MTO)

TOTAL		4,204	
November 4, 2022	Matinloc Island, Bgy. Bebeladan	302	Naval Special Operations Command (NAVSOCOM) Municipal Environment and Natural Resources Office (MENRO) of El Nido
September 12, 2022	Small Lagoon, Miniloc Island, Bgy. Bebeladan	74	-
August 14, 2022	Big Lagoon, Miniloc Island, Bgy. Bebeladan	75	•
July 26, 2022	Mitri Rock, Cadlao Island, Bgy. Buena Suerte and Caalan Beach, Bgy. Masagana	590	Municipal Environement and Natural Resources Office (MENRO), Philippine Coast Guard (PCG), Municipal Tourism Office (MTO)
July 25, 2022	Tres Marias and Entalula Island, Bgy. Bebeladan, Ipil Beach, Bgy. Buena Suerte	262	Municipal Environement and Natural Resources Office (MENRO), Al Rayah Travel and Tour, Municipal Tourism Office (MTO)
June 27, 2022	Matinloc Island, Bgy. Bebeladan	500	Municipal Environment and Natural Resources Office (MENRO) of El Nido and volunteer divers



Collection and Extraction of COTs together with partners

Coastal clean-up

A total of eight coastal clean-up drives was also conducted in the Barangays of Buena Suerte, San Fernando, Pasadeña, Small Lagoon, Big Lagoon, Miniloc Island, and Matinloc Island by this Office in collaboration with our partners to remove trash from the coastal and marine areas particularly in the islands and lagoons within El Nido. A total of 69 sacks of trash were collected and properly disposed in the designated disposal area. The table below shows the total number of collected coastal and marine debris within ENTMRPA.

Table 15. List of coastal clean-ups conducted

DATE CONDUCTED	LOCATION	No. OF SACKS COLLECTE D	PARTNER AGENCY/IES
March 2, 2022	Bgy. Buena Suerte	5	Malampaya Foundation Inc. (MFI) and Pagkakaisa Pagtutulungan Kalikasan Pagkaingatan (PPKP)
March 14, 2022	Small Lagoon, Miniloc Island, Bgy. Bebeladan	3	-
May 11, 2022	Bgy. San Fernando	4	Bantay Dagat, Municipal and Environment and Natural Resources (MENRO), Kabataan Kontra Droga At Terorismo (KKDAT), Barangay Health Workers (BHW), Sanggunian Kabitaan (SK), Tao Kalahi Foundation Inc., and Residents of the Barangay
May 27, 2022	Lamoro Beach, Bgy. Pasadeña	16	Barangay Officials of Pasadeña, Municipal and Environment and Natural Resources (MENRO), Pagkakaisa Pagtutulungan Kalikasan Pagkaingatan (PPKP), Philippine National Police (PNP), Philippine Coast Guard (PCG), Palawan Council For Sustainable Development (PCSD), 23rd Marine Company-MBLT-3, Malampaya Foundation Inc. (MFI) and CENRO-Taytay
August 2, 2022	Big Lagoon, Miniloc Island, Bgy. Bebeladan	22	
August 5, 2022	Big Lagoon, Miniloc Island, Bgy. Bebeladan	12	Municipal Tourism Office (MTO)
September 4, 2022	Big Lagoon, Miniloc Island, Bgy. Bebeladan	7	
November 4, 2022	Matinloc Island, Bgy. Bebeladan	6	Naval Special Operations Command (NAVSOCOM) Municipal Environment and Natural Resources Office (MENRO) of El Nido





Coastal clean-up together with partners

i. Green Fins Implementation

i.1 Procurement of diving gears accessories

On October 4, 2022 this Office received twenty-two (22) procured diving gears composed of diving mask, snorkel, wet suit, fins, scuba gloves, booties, depth gauge with octopus, compass, scuba Buoyancy Compensator Device (BCD), and scuba diving tank. This diving gears will help PAMO staffs and personnel to make diving activities possible, easier, safer and more comfortable specially on doing the target activities within ENTMRPA.





Inventory of procured diving gears

i.2 Monitoring and evaluation of dive shops

A total of thirteen dive/snorkel operators undergoes green fins on-board assessment. Green Fins assessors used the guidelines of the Green Fins to rate the tour operators on their behaviours during the island hopping and snorkelling activities. All gathered score of travel and tours was discussed with the owner/managers and three action points for improvements were recommended by the assessors, to wit:

- Avoid using chemical dishwashing liquid, instead use organic dishwashing liquid or bring back all used dishes and other utensils to their office to avoid washing it in the sea
- 2. Provide two (2) trash bins on-board
- Display green fins IEC materials on shop and boats to be used during the briefing of the guest

Green Fins IEC materials, flags, and shirts were given to the tour operators during the feedback session as part of the promotion for adapting the Green Fins Approach for the snorkelling industry. As seen on the table below are the list of travel and tours that was undergo green fins on-board assessment with their gathered scores.

Table 16. List of travel and tour with their green fins' ratings

Date conducted	Travel and Tour	Ratings
August 19, 2022	David John	246
September 14, 2022	Krischana	165
September 14, 2022	Leatherback	150
September 16, 2022	Isla Paraiso	182
September 16, 2022	Spider	202
October 18, 2022	Blacknights	115
October 20, 2022	Umi	202
November 17, 2022	Lovelyn	161
November 18, 2022	Bellita	173
November 21, 2022	Caera	180
November 22, 2022	Beachfront	197
November 29, 2022	Discover El Nido	230
December 7, 2022	Go Paradise	225





On-board assessment





Distribution of collaterals to travel and tours owner

i.3 Conducts of coastal clean-up

This Office conducted a total of four (4) coastal clean-up under Green Fins activity together with partners within selected coastal areas in ENTMRPA. Specifically, the most likely to find items are beverage bottles (plastic), foam pieces and fishing net. A total of 75.5 sacks of marine debris was collected. Collected trash/marine debris were all properly disposed in coordination with municipal ENRO (MENRO).

Table 17. List of conducted coastal clean-ups under Green Fins

DATE CONDUCTED	LOCATION	NUMBER OF SACKS COLLECTED	Partner Agency/les
February 16, 2022	-Paradise Beach and Nat-nat Beach, Cadlao Island, Dilumacad Island, Papaya Beach, Seven Commando in Bgy. Buena Suerte - Shimizu Island, Bgy. Bebeladan	22.5	Department of Education (DepEd) – El Nido High School Teachers, Philippine Coast Guard (PCG)-El Nido Station, Municipal Environment and Natural Resources Office (MENRO), Palawan Council for Sustainable Development (PCSD) and Travel and Tours
March 14, 2022	Small Lagoon, Miniloc Island, Bgy. Bebeladan	3	ENTMRPA-PAMO
October 4, 2022	Lamoro Beach, Bgy. Pasadeña	25	Philippine Coast Guard (PCG), 23rd Marine Company-MBLT-3, Joint Task Force Malampaya (JTFM), NAVSOU/10
September 17, 2022	Bgy. Corong- corong	25	Travel and Tour operators, 23 rd Marine Company-MBLT-3, Alpha Rho Sigma, and volunteers
TOTAL		75.5	





Coastal clean-up at Lamoro Beach, Barangay Pasadeña

i.4 Conduct of IEC

On July 21, 2022, the PAMO conducted Information Education and Communication (IEC) campaign regarding Green Fins awareness at the Conference Room of this Office. A total of thirty (30) individuals from Travel and tour owner and managers, BELTTOA, ENCCI and on-the-job trainees from Western Philippine University (WPU) participated in the said activity. Green Fins IEC materials were also disseminated to participants to promote protection on coral reefs through sustainable tourism.



j. Hiring of CMEMP Extension Officer

Pursuant to DAO No. 2016-16 on the Coastal and Marine Ecosystems Management Pogram (CMEMP) Extension Officer and in recognition of the need to augment the existing manpower of the DENR Regional Offices and field offices for its effective implementation. Ms. Mariel M. Paladan a marine biologist with CSC Professional eligibility was hired as the CMEMP Extension Officer for El Nido-Taytay Managed Resource Protected Area (ENTMRPA), El Nido, Palawan from February 14, 2022 onwards which is the focal person in the implementation of CMEMP activities for CY 2022 of ENTMRPA-PAMO.

Table 18. Hired personnel under CMEMP

Name	Sex	Birthday	Age	Duration of Contract
Mariel M. Paladan	Female	March 25, 1997	25 years old	February 14, 2022 to December 31, 2022

II. PROTECTED AREA MANAGEMENT AND OPERATION UNDER IPAF

A. Procurement of support facilities and equipment for biodiversity monitoring, conservation of law enforcement

Table 19. List of procured support facilities and equipment for ENTMRPA

No.	Item	Quantity
1	Underwater camera	2
2	Personal Protective Equipment (PPE)	40
3	Drone	1
4	Camera lens	1
5	Fishing buoys	50
6	Fire extinguisher	3
7	Desktop	2
8	DSLR Camera set with telescopic lens	1
9	Printer	1

B. Protected Area Management and Development

b.1 Protected Area Suitability Assessment (PASA) for initial components for elevation (establishment/disestablishment – boundary modification)

Pursuant to RA 11038 or the ENIPAS Act of 2018, the ENTMRPA-PAMO commend with the conduct of Protected Area Suitability Assessment (PASA) supported by the fund from IPAF amounting to Php 1,650,000. 00

Further, this Office together with created PASA team of ENTMRPA undertaken the following activities in preparation for the establishment Presidential Proclamation No. 32 as a protected area.

Table 20. Updates and milestones of PASA activities for ENTMRPA

No.	Milestone/ Activities	Activities undertaken	Activities that need to be undertaken	Remarks
1	Creation of the PASA team	Created PASA team through approved PAMB resolution no. 024 series of 2021; conducted an orientation to the PASA team on January 28, 2022; Conducted TWG meeting on August 3, 2022	None	-Approved RSO No. 244 dated August 9, 2022 -Amended RSO no. 327 dated October 19, 2022-
2	Posting of notice for the public consultation	Published notices through Palawan Times for three consecutive weeks dated May 22-28, 2022, May 29 to June 4, 2022, and June 5-11, 2022; posted notices in conspicuous places in 21 barangays within ENTMRPA	None	Completed
3	Secondary data collection	Communicated and coordinated with stakeholders for the request of secondary data	On-going	On-going
4	On-site observation	Posted PhilGEPS at PBAC	On-going	Pending contract for RBA
5	Key Informant Interview	Conducted in 18 barangays	On-going	Data for consolidation
6	Public consultation	Conducted in 18 barangays	None	Completed
7	Mapping/compilation and analysis Conducted spatial planning workshop on August 12, 2022		On-going	To be scheduled on 2023
8	Data compilation and analysis	-	-	-
9	Report writing	-	-	-

The Technical Working Group (TWG) manifested their support during the public consultations and Key Informant Interviews (KII) in the twenty-one (21) barangays of ENTMRPA. Further, all information based on the views and comments gathered from the consutation is currently consolidated and compiled as part of the suitability assessment and preparation of recommendation.

Based on the consultations, the general concerns of the local stakeholders are the exclusion of the Alienable and Disposable (A&D) lands, built-up areas, fishing area, unclassified public forest with 15 degrees elevation from the protected area.

Meanwhile, the conduct of spatial analysis workshop and site observations are slated to be conducted on 2023 due to time constraints and pending approval of the RBA contract.

























Public consultations conducted for 21 barangays within ENTMRPA

c. Biodiversity Conservation and Ecosystem Management

c.1 Marine Turtles

This Office conducted a total of three (3) overnight habitat monitoring of marine turtles together with Philippine Coast Guard (PCG), Municipal Environment and Natural Resources Office (MENRO) and Palawan Council for Sustainable Development (PCSD) within selected areas in ENTMRPA. The table below shows the list of notable threat and observations on the conducted activity.

Table 21. List of conducted habitat monitoring

DATE CONDUCTED	LOCATION	NOTABLE THREAT OBSERVED AND OTHER OBSERVATIONS	
February 15-16,	Shimizu Island, Bgy. Bebeladan	One (1) monitor lizard was seen	
2022	Small Lagoon, Miniloc Island, Bgy. Bebeladan	 Marine turtle tracks sighted and two (2 Asian Short-Clawed Otter was seen 	
March 17-18, 2022	South Guntao, Bgy. Bebeladan	No traces of nesting activity	
September 12- 13, 2022	Small Lagoon, Miniloc Island, Bgy. Bebeladan	Marine Turtle egg shells	



(Top left) Overnight habitat monitoring at Shimizu Island, (Top right) overnight habitat monitoring at South Guntao, Bgy. Bebeladan, (Bottom left) Overnight habitat monitoring at Small Lagoon, Miniloc Island, Bgy. Bebeladan, (Bottom right) Marine turtle egg shell observed

c.2 Conduct of IEC campaign for protection and conservation of flagship species

A total of two (2) activities conducted on Information Education and Communication (IEC) campaign for protection and conservation of flagship species which held on May 11, 2022 Bgy. San Fernando, El Nido which was participated by Kabataan Kontra Droga at Terorismo (KKDAT), Barangay Health Workers (BHW), Sangunian Kabataan (SK), local fishermen, Tao Philippines, and Barangay Officials; and October 5, 2022 at El Nido Central School (ENCS), Barangay Maligaya, El Nido, Palawan which participated by grade 5 and 6 students of ENCS, 23rd MBLT-3, DENR CENRO Taytay. The activity highlighted ENTMRPA profile and the flagship species of ENTMRPA "Marine Turtle" to create awareness and disseminate information. Protected Area Office Icon (PAOi) was also introduced through special dance number.





Left: IEC at San Fernando Right: IEC at ENCS

c.3 Identification of coral reef rehabilitation sites within protected area

On August 2, 2022. this Office conducted initial identification of coral rehabilitation sites within ENTMRPA. A total of three (3) proposed rehabilitation sites particularly at Turtle Island, Popolcan Island, Entalula Island, Bgy. Bebeldan. The three sites had an estimated hard coral cover of 15-30%, which are found to be degraded.





Left: Coral rehabilitation at Snake Island; Right: Monitoring of coral reef at Popolcan Island

d. Partnership and Resiliency Building

d.1 Installation of signages

This Office thru the assistance of the Enforcement Monitoring Section (EMS) of CENRO Taytay was installed a total of eleven (11) signages within the islands of ENTMRPA which aims to provide information to the public that the island destinations are within timberland area and within Protected Area and requires tenurial instrument or Special Use Agreement (SAPA) from DENR to legally occupy/utilize the area for any development purposes, one (1) signage in station outside the Protected Area, and four (4) Protected Area signages in station within ENTMRPA.

Table 22. List of signages installed

Date	Location	No. Signages Installed
March 21, 2022	Forest Product Monitoring Station (FPMS) – IV, So. Lamoro, Bgy. Pasadeña	Four (4) Protected Area signages installed
May 27, Forest Product Monitoring Station (FPMS)-V, Bgy. New Ibahay		One (1) signage installed
July 19, Shimizu Island,Secret Lagoon, Bayog/Dangar Beach, Payong-payong Beach, Big and Small Lagoon		Six (6) signages installed for information purposes
August 31, 2022	Nat-Nat Beach, Bukal Island, Shimizu Island, and two (2) sites in Entalula Island	Five (5) signages installed for information purposes



Installation of signages at FMPS and islands within ENTMRPA

e. Improved and Sustainable Financing

e.1 Conduct of public consultation on harmonization of ETDF and IPAF

This Office conducted levelling-off on Harmonization of Eco-Tourism Development Fee (ETDF) and Integrated Protected Area Fund (IPAF) and attended total of fifteen (15) participants from DENR Regional Office – Chief, PAMBCCD; DENR-PENRO Chief, CDS; ENTMRPA-PAMO; LGU El Nido, Legal Officer, Municipal Tourism Office; Municipal Treasury Office; Malampaya Foundation Inc. (MFI) and El Nido Foundation Inc. (ENF).



Levelling-off on Harmonization of Eco-Tourism Development Fee (ETDF) and Integrated Protected Area Fund (IPAF)

e.2 Procurement of accountable forms 51-c

This Office procured 100 booklets Accountable Forms through the PENRO Supply Office. The said booklets were stocked at PENRO and the release of the same are subject to the request of this Office.

e.3 Bonding/renewal of special disbursing officers

The designated Special Collecting and Disbursing Officer of this Office is Park Maintenance Foreman Jenuel P. Casel. He annually renewed his bond expiring every 25th of October. For this year, PMF/SCDO Casel renewed his bond on November 7, 2022 which will expire on November 7, 2023.

f. Enforcement of Environmental Laws within Protected Area

This year CY 2022, the ENTMRPA-PAMO hired a total fifty-two (52) personnel which composed of one (1) Information Officer, thirteen (13) Park Rangers, two (2) Accounting Clerk II, one (1) bookkeeper, four (4) Admin Aide IV, three (3) Clerk I, two (2) utility worker and twenty-six (26) Forest Protection Officer that served as law enforcers and support staff who helped in its mandate to protect and conserve ENTMRPA.

Table 23. List of hired personnel under IPAF-WFP (2022)

No.	Name	Position	
1	Aljen F. Becera	Information Officer	
2	Steven John B. Andao	Park Ranger	
3	John Vincenth O. Cuyo	Park Ranger	
4	Ryan J. Cacacha	Park Ranger	
5	John Everette M. Pable	Park Ranger	
6	Manuelito F. Jongay	Park Ranger	
7	Anthony I. Escala	Park Ranger	
8	Reynold N. Ortega,	Park Ranger	
9	Efriel F. Dalabajan	Park Ranger	
10	Bret Hart C. Sanogal	Park Ranger	
11	Jerremiel S. Tacob	Park Ranger	
12	Hero Jeff S. Isidro	Park Ranger	
13	Alfie A. Dedal	Park Ranger	
14	Gilbert A. Arlac	Park Ranger	
15	Reina Rose C. Abordo	Accounting Clerk	
16	Cherry May M. Jazon	Accounting Clerk	
17	Faith D. Bangalisan	Bopkkeeper	
18	Maureen D. Daquer	Admin Aide IV	
19	Glaiza M. Jongay	Admin Aide IV	
20	Maian P. Alvillar	Admin Aide IV	
21	Cherrie May S. Manga	Admin Aide IV	

22	Cathy O. Cacatian	Clerk 1
23	April Rose G. Cantonjos	Clerk 1
24	Lory Jane A. Delfin	Clerk 1
25	Jaquilyn D. Monterde	Utility Worker
26	Rushean P. Dreo	Utility Worker
27	Ejay H. Adon	Forest Protection Officer
28	Janssen R. Del Rosario	Forest Protection Officer
29	Michael S. Espinosa	Forest Protection Officer
30	Romnick A. Juan	Forest Protection Officer
31	Anziel A. Albag	Forest Protection Officer
32	Danilo. G. Moreno	Forest Protection Officer
33	Juanito T. Boragay	Forest Protection Officer
34	Kevin R. Rin	Forest Protection Officer
35	Jovan P. Villanueva	Forest Protection Officer
36	Jaoa G. Abus	Forest Protection Officer
37	Ellezar R. Dolliente	Forest Protection Officer
38	Catalino D. Cabalda	Forest Protection Officer
39	Bryan C. Casiple	Forest Protection Officer
40	Michael John T. Dordines	Forest Protection Officer
41	Milbert G. Carino	Forest Protection Officer
42	Jesrel M. Dalojo	Forest Protection Officer
43	Rolando C. Inguanzo	Forest Protection Officer
44	Sandy O. Delos Santos	Forest Protection Officer
45	Jeremei P. Ortega	Forest Protection Officer
46	Renaldo H. Salvador	Forest Protection Officer
47	Mark Christian A. Yntas	Forest Protection Officer
48	Nolan P. Llanera	Forest Protection Officer
49	Jayrone C. Sta. Rosa	Forest Protection Officer
50	John Harold D. Capariño	Forest Protection Officer
51	Serville P. Loberto	Forest Protection Officer
52	Jumar D. Sugbo	Forest Protection Officer

g. Strengthen law enforcement operations

The meeting regarding on strengthening law enforcement activities with the enforcement partners and stakeholders was conducted by this Office on May 31, 2022 at Cafeteria, Barangay Maligaya, El Nido, Palawan. It was attended by thirty (30) representatives from 23rd Marine Company, Philippine Coast Guard (PCG), Municipal Environment and Natural Resources Office (MENRO), Joint Task Force Malampaya (JTFM), Malampaya Foundation Inc. (MFI), Vendors Association, People's Organization (PO) *Pagkakaisa, Pagtutulungan, Kalikasan Pagkaingatan (PPKP)*, Municipal Fishery and Aquatic Resources Management Council (MFARMC), DENR-CENRO Taytay and ENTMRPA-PAMO personnel.











Law enforcement meeting

III. **ECO-TOURISM DEVELOPMENT FUND**

This year, the Local Government Unit of El Nido allocated 10% share of revenues from the Ecotourism Development Fund (ETDF) amounting to Php 1, 569,785.37 to this Office to fund the operation, protection, conservation and development of ENTMRPA. The fund was used to hire a total of three (3) personnel, honorarium for Protected Area Superintendent, water bill of PA Office and Dive House, fuel for law enforcement, subscription of internet, trainings. and procurement of Office supplies, equipment, furniture & fixture and IT equipment.

Table 24. List of hired personnel under ETDF

No.	Name	Designation	Period Covered
1	Henry D. Gabayan	Park Ranger	January to August 9, 2022
2	Patchito V. Dela Torre	Park Ranger	January to August 9, 2022
3	Raul C. Cagas	Park Ranger	January to August 9, 2022

Prepared by:

ALJEN F. BECERA Information Officer

MARIEL M. PALADAN CMEMP Extension Officer

Checked by:

MILDRED A. SUZA

Protected Area Superintendent, ENTMRPA



Thank you!