



Republic of the Philippines

**Department of Environment and Natural Resources**

**BIODIVERSITY MANAGEMENT BUREAU**

Ninoy Aquino Parks and Wildlife Center

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**JAN 07 2019**

**MEMORANDUM**

FOR : The Undersecretary for Policy, Planning and International Affairs

ATTN : The Assistant Secretary for Policy and Planning Service

The OIC-Assistant Secretary for Staff Bureaus

The Director, Policy and Planning Service

The Chief, Program Monitoring and Evaluation Division

FROM : The Director

SUBJECT : **SUBMISSION OF ACCOMPLISHMENT REPORT FOR THE  
FOURTH QUARTER OF 2018**

We are pleased to submit the Quarterly Accomplishment Report of the Biodiversity Management Bureau from the month of October to December 2018.

For your information and record.

  
**CRISANTA MARLENE P. RODRIGUEZ**



**Department of Environment and Natural Resources  
BIODIVERSITY MANAGEMENT BUREAU**

**Accomplishment Report  
4<sup>th</sup> Quarter CY 2018**

**A. INTRODUCTION**

The Biodiversity Management Bureau (BMB), as the lead agency tasked to conserve biodiversity, is mandated to conserve and protect the country's biological diversity, and sustainably manage and conserve the important resources and ecosystem services they provide. The Bureau is tasked to formulate and recommend policies and programs which will strengthen the implementation of the National Integrated Protected Areas System (NIPAS) and other effective area-based conservation measures; and mainstreaming of biodiversity across local, sectoral and national development plans and programs.

**B. ACCOMPLISHMENTS**

Based on the approved BMB Work and Financial Plan for CY 2018, the Bureau was able to accomplish the following major activities for the months of October to November 2018:

**I. Formulation/Preparation/Review of Policies and Guidelines**

**A. Policies/Guidelines approved:**

- DENR Administrative Order No. 2018-05 re: Adoption of the LAWIN Forest and Biodiversity Protection System as a National Strategy for Forest and Biodiversity Protection in the Philippines  
*- approved by the Secretary last October 03, 2018*
- DENR Memorandum Circular 2018-05 re: Prescribing the Minimum Qualifications for the Designation of Protected Area Superintendents (PASUs) and Directing All PASUs and Park Operations Superintendents (POSUs) to Report to the Protected Area Office on Site or if none, to the Nearest CENR/PENR office  
*- approved by the Secretary last November 06, 2018*
- Technical Bulletin 2018-04 re Prescribing the Templates for the Assessment Report and Map of Proposed Critical Habitats  
*- approved by the Director last October 12, 2018*
- Technical Bulletin No. 2018-06 re: Prescribing the Forms for Inland Wetland Inventory and Profiling  
*- approved by the Director last December 20, 2018*
- Technical Bulletin No. 2018-07 re: Guidelines Governing the Naming of Caves  
*- approved by the Director last December 27, 2018*

**B. Endorsed the following policies/guidelines:**

- Proposed DAO regarding Guidelines on the Granting and Utilization of Financial Assistance for BDFE under the CMEMP  
*- endorsed for the approval of the Secretary*
- Proposed DENR Memorandum Circular Adopting Manual on Administration and Management of the IPAF Technical Bulletin on Marine Protected Area Network  
*- endorsed for the approval of the Secretary*
- Proposed Technical Bulletin on Marine Protected Area Network  
*- endorsed for the approval of the Director*

**C. Drafted the following policies/guidelines:**

- Draft AO re Defining the Roles and Responsibilities of Agencies concerned in the Local Trade and Transport of Wildlife under the jurisdiction of DENR
- Draft DAO re amending DAO No. 2019-07 Entitled "DENR Manual of Authorities on Technical Matters (pages 18, 20, 22 and 28)
- Draft Technical Bulletin on Adopting Gender and Development (GAD) Checklists for Natural Resource Management Project in Protected Areas
- Draft Technical Bulletin on Prescribing the Outline/Template for the Community-based Resource Management Plan for Protected Area Community-based Resource Management Agreement (PACBRMA) Areas
- Draft Technical Bulletin on Guidelines for the Coral Reef Ecosystems Restoration and Rehabilitation
- Drafted the Coral Bleaching Incident Response Guidelines
- Initial Draft of the Implementing Rules and Regulations of R.A. 11038 or the ENIPAS Act of 2018

**D. Evaluated and provided comments and recommendations on the following policies/guidelines/proposals/Bills:**

- Memorandum from the RED Region III re Proposed Timmanguyob Falls for Ecotourism Development Plan, San Clemente, Tarlac;
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- Sangguniang Bayan Resolution No. 177, S. 2018 entitled "A Resolution Requesting the DENR Secretary to conduct an immediate investigation and necessary action on the on-going construction of access road in Sition Kamagong, Km 92, Barangay Magsaysay, Infanta, Quezon";

- Resolution No. 486 of the Councilor of General Santos City regarding requesting to conduct foreshore lines mapping in Sarangani Bay PS;
- Resolution No. 09, series of 2018 of the Palali Maparang Mountain Range Management Council proposing the Establishment of the Palali-Marapang Range as a protected area under the NIPAS;
- House Resolution No. 1781 entitled “Expressing the Sense of House Representatives to Protect and Preserve National Interest Through the Rejection of Foreign Loan Contracts Which Contain Provisions that Require the Philippines to Put Up as Collateral the Country’s Natural Resources”;
- House Bill Nos. 2038, 4214, 4806, 6664 and 7369 on Abaca Industry-related Bills;
- House Bill No. 6481 “An Act Declaring Mt. 387 or Mt. Batong-amat in the Municipality of Caranglan, Nueva Ecija as a Tourist Destination;
- House Bills on the establishment of protected areas such as HBN 6990 (Quezon PL), HBN 7183 (Seven Line Reef PS). HBN 7792 (Napantao), HBN 8116 (Tugbo NBA), HBN 8262 (Upper Agno River Basin PL);
- Reviewed the following proposals as compliance to Joint Department Circular No. 01 (Biosafety):
  - Field Trial to Generate Data for Environmental Biosafety Risk Assessment of Beta Carotene-Enriched 'Golden Rice' Event GR2E in the Philippines;
  - Application for Commercial Propagation Corn Event TC1507 with Insect Resistant and Herbicide Tolerant Traits ; and,
  - Proposals (27) for importation of biotech corn, soybean, alfalfa, canola, and cotton intended for direct use as food, feed and for processing. Comments/inputs were incorporated in the Technical Report.

## II. Establishing and Managing Protected Areas

- Evaluated the PA Suitability Assessment (PASA) Progress Report on the establishment of Ursula Island Game Refuge and Bird Sanctuary under the NIPAS;
- Reviewed the following PAMB Resolutions:
 

<ul style="list-style-type: none"> <li>○ Central Cebu PL</li> <li>○ Camotes Island MSFR</li> <li>○ Guadalupe Mabuganao Mainit Hot Spring NP</li> <li>○ Chocolate Hills NM</li> <li>○ Tubigon GOI MSFR &amp; WA</li> <li>○ Inabanga-Buenavista MSFR &amp; WA</li> <li>○ Calape GOI WA / Pangangan MSFR</li> <li>○ Carlos P. Garcia MSFR &amp; WA</li> <li>○ Talibon GOI PLS</li> <li>○ Rajah Sikatuna PL</li> </ul>	<ul style="list-style-type: none"> <li>○ Balinsasayao Twin Lakes NP</li> <li>○ Mt. Calavite WS</li> <li>○ Mt. Apo NP</li> <li>○ Allah Valley EFR</li> <li>○ Baganga PL</li> <li>○ Mt. Kitanglad NP (9)</li> <li>○ Taklong Island NMR</li> <li>○ Cabilao-Sandingan Islands MSFR</li> <li>○ Rajah Sikatuna PL</li> <li>○ Balinsasayao Twin Lakes NP</li> </ul>
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- Reviewed the PAMB Minutes of Meeting of the following Protected Areas:
 

<ul style="list-style-type: none"> <li>○ Central Cebu PL</li> <li>○ Camotes Island MSFR</li> <li>○ Guadalupe Mabuganao Mainit Hot Spring NP</li> <li>○ Chocolate Hills NM</li> <li>○ Tubigon GOI MSFR &amp; WA</li> <li>○ Inabanga-Buenavista MSFR &amp; WA</li> <li>○ Calape GOI WA / Pangangan MSFR</li> <li>○ Carlos P. Garcia MSFR &amp; WA</li> <li>○ Talibon GOI PLS</li> <li>○ Rajah Sikatuna PL</li> <li>○ Balinsasayao Twin Lakes NP</li> </ul>	<ul style="list-style-type: none"> <li>○ Mt. Calavite WS</li> <li>○ Mt. Apo NP</li> <li>○ Allah Valley EFR</li> <li>○ Baganga PL</li> <li>○ Maulawin PL</li> <li>○ Mt. Kitanglad NP</li> <li>○ Casecnan PL</li> <li>○ Juban-Magallanes WFR</li> <li>○ Cabilao-Sandingan Islands MSFR</li> <li>○ Rajah Sikatuna PL</li> <li>○ Balinsasayao Twin Lakes NP</li> <li>○ Inabanga-Buenavista MSFR</li> </ul>
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- Endorsed/reviewed the Special Budget Request (SBR) of the following Protected Areas:
 

<ul style="list-style-type: none"> <li>○ Mt. Kanlaon NP</li> <li>○ Murcielagos Island PLS</li> <li>○ Mt. Calavite WS</li> <li>○ BMB</li> <li>○ Mt Apo NP</li> </ul>	<ul style="list-style-type: none"> <li>○ Cabadbaran-Santiago NP</li> <li>○ Manleluag Spring PL</li> <li>○ Mt. Kanlaon NP</li> <li>○ Liangan-Lipatan River MSFR</li> </ul>
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- Reviewed the IPAF Collection reports of the following Protected Areas:
 

<ul style="list-style-type: none"> <li>○ Mainit Hotspring PL</li> <li>○ Mabini PLS</li> <li>○ Mt. Hamiguitan Range WS</li> <li>○ Mainit Hotspring PL</li> <li>○ Pujada Bay PLS</li> <li>○ Mts. Timpoong Hibok-Hibok</li> </ul>	<ul style="list-style-type: none"> <li>○ Sarangani Bay PS</li> <li>○ Mt. Timolan PL</li> <li>○ Dumanquilas Bay PLS</li> <li>○ Jose Rizal Memorial PL</li> <li>○ Mt. Hamiguitan Range WS</li> </ul>
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- Reviewed the Management Plan of the following Protected Area:
  - Mt. Guiting-Guitung NP
  - Sarangani Bay PS
  
- Reviewed/Acted on the following MOA/SAPA:
  - Provided clarification to Mr. Jaime G. de Sequera of PTC Energy, Inc. re Issuance of Tenurial Instrument (SAPA) prior to ECC;
  - Provided clarification on the applicability of DAO 2018-05 to the two (2) existing SAPA within Mt. Apo NP;
  - Requests of Sunwest Water and Electric Company, Inc. (SUWECO) for SAPA within Catanduanes.
  
- Evaluated the Ecotourism Development report of the following Protected Areas:
  - Facilities constructed within Rasa Island WS;
  - Progress Report on the presentation of Ecotourism Mgt. Plan of Tumauni WFR;
  - Mabini PLS Ecotourism Status Report for CY 2017 and 1<sup>st</sup> Quarter of CY 2018;
  - 2<sup>nd</sup> Quarter Accomplishment Report on Ecotourism Development Project in Peñablanca PLS.

- Ecotourism Development Program sites monitored:
  - Rasa Island WS
  - Allah Valley WFR
  - Mabini PLS
  - Pujada Bay PLS
  - Aliwagwag PL
  - Baganga Bay MSFR
  - Puerto Princesa Subterranean River NP
- Monitored the NIPAS implementation of the following Protected Areas:
  - Allah Valley WFR
  - Libungan-Alamada
  - Mt. Matutum PL
  - Sarangani Bay PS
- Conducted the following Learning Events/Trainings:
  - Trainor's Training on Biodiversity Assessment and Monitoring (BAMS) Batches 1 and 2 last October 22-31 and November 20-29, respectively;
  - ENIPAS IRR Consultation Workshops for Mindanao, Visayas, and Luzon Clusters last November 7-8, 12-13, and 15-16, respectively;

### **III. Cave Management and Conservation Program**

- Conducted on-site monitoring of Sumaguing and Lumiang Caves in CAR last October 2018;
- Conducted the 26<sup>th</sup> National Cave committee meeting last December 6, 2018 wherein various resolutions were approved and signed;
- Conducted the HGDG of the Cave Management, Protection, and Conservation Strategy and Action Plan (CMPCSAP 2017-2028) last October 2018;
- As per December 31, 2018, A total of 41 cave assessment reports and 14 management plans were reviewed.

### **IV. Wetland Conservation and Management Program**

- Conducted monitoring and site visit to Region 9 last October 2018 and to Leyte Sab-a Basin in Leyte and Nalukaban Peatland in Northern Samar last November 12-15, 2018;
- Drafted TB on Guidelines for the Philippine Wetland Conservation Award based on the agreements during the October 30, 2018 BMB Budget Defense;
- Conducted Ad-Hoc TWG meeting last December 3, 2018.

### **V. Protection and Conservation of Wildlife**

The Bureau was able to continuously monitor and provide guidance to Regional Offices in the conservation and management of threatened species, i.e. marine turtle, dugong, Philippine raptors. The Bureau also provided assistance in addressing the technical and administrating

concerns of the Palawan Wildlife Rescue and Conservation Center (PWRCC) – Crocodile Farming Project, and the National Wildlife Rescue and Rehabilitation Center (NWRRC).

#### A. Wildlife Conservation and Protection

- **Animal Care and Maintenance**

- The Wildlife Rescue Center (WRC) serves as a temporary refuge and rehabilitation facility for confiscated, turned-over, donated and/or abandoned wildlife. For the months of October to November 2018, WRC received a total of 643 different animals, to wit: 15 mammals (8 retrieved), 208 birds (195 confiscated), 400 reptiles (44 confiscated; 2 retrieved), 10 arthropods (all confiscated), and 10 amphibians.

Health assessment was done on the following animals:

Date conducted	Animals	No. of heads	Activities undertaken
October 3, 2018	Palm civet	3	Vaccination (HCP and DHLPPi)
October 6, 2018	Black palm cockatoo	2	Given vit. B-complex; blood collection; collection of oropharyngeal swab for fungal isolation
	Moluccan cockatoo	3	Given vit. B-complex; blood collection; collection of choanal swab (oral cavity) for fungal isolation
	Reticulated python	3	Given vit. B-complex; deworming; blood collection and marking: R-2018-288/985140000527208 R-2018-289/985140000494939 R-2018-291/985140000413162
October 11 & 23, 2018	Olive ridley turtle	1	Radiographs were taken
October 13, 2018	Monitor lizard	1	Given vit. B-complex; deworming; blood collection
	Reticulated python	16	
	Note: above said animals were used for UPLB-CVM thesis		
October 19, 2018	Monitor lizard	2	Given vit. B-complex; deworming; blood collection
	Reticulated python	6	
	Note: above said animals were used for UPLB-CVM thesis		
October 26, 2018	Reticulated python	3	Given vit. B-complex; deworming; blood collection
Note: above said animals were used for UPLB-CVM thesis			
October 27, 2018	Spectacled caiman	4	Given vit. B-complex; deworming; blood collection; marking (microchip): D-2018-300/00075C9588

Date conducted	Animals	No. of heads	Activities undertaken
			C-2017-141 A/00075D4764 C-2017-141 B/00075C8959
October 30, 2018	Hill myna	8	Given vit. B-complex; deworming
November 5, 2018	Spectacled caiman	4	2 <sup>nd</sup> dose of weekly deworming (1 <sup>st</sup> dose last 30 October 2018)
November 6, 2018	Palm civet	3	Vaccination of HCP (2 <sup>nd</sup> dose) and DHLppi ( 2 <sup>nd</sup> and 3 <sup>rd</sup> booster)
November 7, 2018	Philippine eagle (Girlie)	1	Given vit. B-complex; deworming; blood collection; collection of choanal and cloacal swabs for fungal and bacterial isolation
November 10, 2018	Rainbow boa	1	Given vit. B-complex; deworming; blood collection
	Burmese python	2	
	Reticulated python	1	
November 11, 2018	Black capped lory	2	Given vit. B-complex; deworming
	Palm civet	19	Deworming (1 <sup>st</sup> dose)
November 12, 2018	Palm civet	19	Deworming (2 <sup>nd</sup> dose)
November 13, 2018	Spectacled caiman	4	Deworming (3 <sup>rd</sup> dose)
	Palm civet	19	Deworming (3 <sup>rd</sup> dose)
November 14, 2018	Palm civet	19	Deworming (4 <sup>th</sup> and last dose)
November 17, 2018	Reticulated python	9	Given vit. B-complex; deworming; blood collection
November 20, 2018	Spectacled caiman	4	Deworming (4 <sup>th</sup> and last dose)
November 22, 2018	Eclectus parrot	1	Given vit. B-complex; deworming; blood collection; ectoparasiticide bath
	Philippine eagle owl	1	
November 24, 2018	Long tailed macaque	20	Given vit. B-complex; anti-rabies vaccination; TB testing; deworming; blood collection; marking (tattoo): R-2018-135 A/W-180407R R-2018-135 B/W-180408R R-2018-219 A/W-180704R D-2018-245/W-180804D D-2018-279 A/W-180904D D-2018-108/W-180306D D-2018-096/W-180305D D-2018-120/W-180403D D-2018-199 A/W-180702D R-2018-112/W-180401R D-2018-241/W-180803D D-2018-158/W-180601D D-2018-306/W-181004D R-2018-338/W-181101R D-2018-279 B/W-180905D D-2018-275 A/W-180901D



Date conducted	Animals	No. of heads	Activities undertaken
			D-2018-275 B/W-180902D D-2018-275 C/W-180903D D-2018-233/W-180801D R-2018-290/W-181001R
November 25, 2018	Long tailed macaque	4	Given vit. B-complex; anti-rabies vaccination; TB testing; deworming; blood collection; marking (tattoo): D-2018-199 B/W-180703D R-2018-197/W-180701R D-2018-124/W-180405D D-2018-167/W-180602D
December 3, 2018	Long tailed macaque	11	Given vit. B-complex; rabies vaccine booster; TB testing; deworming; blood collection; Marking (tattoo): R-2018-329/W-181102R D-2018-296 A/W-181002D D-2018-296 B/W-181003D
December 10, 2018	Long tailed macaque	22	Given vit. B-complex; rabies vaccine booster; TB testing; deworming; blood collection
December 12, 2018	Long tailed macaque	7	Given vit. B-complex; rabies vaccine booster; TB testing; deworming; retouching of marking (tattoo)

Specimen samples were collected for DNA analysis/barcoding on the following animals:

Date conducted	Animals	No. of heads	Activities undertaken
October 11 & 23, 2018	Olive ridley turtle	1	Sample collected were blood and skin tissue

#### • Animal Inventory

- For the fourth quarter of 2018, WRC recorded 433 animal mortalities, to wit: 26 mammals (1 new stock), 263 (13 dead on arrival; 60 new stock) birds, 122 reptiles (24 new stock), and 22 arthropods.
- As of December 30, 2018, WRC houses a total of 1,610 different animals, broken down as follows: 16 arthropods, 208 mammals, 623 birds and 763 reptiles.

#### • Support to Academic Enhancement Program

The BMB-WRC sustained its support to various academic institutions especially in enhancing the knowledge and skills of their students in veterinary care and captive wildlife management. For the report period, the BMB-WRC accommodated the following practicum students, as follows:

University/School	No. of students	Covered Period
UPLB	7 Vet Med students	October 5-6, 2018
	6 Vet Med students	October 12-13, 2018
	6 Vet Med students	October 19-20, 2018
	7 Vet Med students	October 26-27, 2018
	6 Vet Med students	November 9-10, 2018
	7 Vet Med students	November 30, 2018
OLFU-Val	4 Biology students	November 12, 14, 19, 21, 26, 28, 2018
UPLB	6 Vet Med students (cont.)	December 1, 2018
OLFU-Val	4 Biology students (cont.)	December 3, 5, 10, 12, 17, 2018
OLFU-QC	2 Biology students	December 3-5, 10-12, 17, 18, 2018
	2 Biology students	December 4-5, 10-12, 14, 17-18, 2018

#### B. Wildlife Disposition

- One (1) Olive ridley turtle was brought to Morong, Bataan on October 25, 2018 for further rehabilitation.

#### C. Other Accomplishments

- Conducted a workshop on the Review of the Wildlife Resources Conservation and Protection Act (RA 9147 of 2001) and the proposed amendments to its provisions as contained in House Bill No. 8320 (Revised RA9147) last November 22, 2018;
- Assisted in the conduct of health assessment of animals and site assessment for the establishment of a Wildlife Rescue Center in Jawili, Aklan on October 18-24, 2018;
- Attended the "Training on Telemetry Research on Philippine Forest Vertebrates with Focus on Philippine eagle and Flying foxes" on October 22-25, 2018 in Davao City;
- Attended the One Health Summit re: Zoonotic diseases on November 8-9, 2018;
- Participated in the planning workshop for the establishment of a DENR-Wildlife Rescue Center in Aklan on November 13-17, 2018;
- Attended a meeting with Ms. Jelaine L. Gan, member of the Technical Working Group for BMB in UP Diliman re: protocol for wildlife encounters on November 23, 2018;
- Assisted in the follow-up Disease Surveillance in San Luis, Pampanga on November 25-29, 2018;
- Conducted an Assessment of Subic Bay in response to Subic Bay Metropolitan Authority's letter re: human-wildlife conflicts involving Long-tailed macaques in Subic Bay on November 27 – 29, 2018; and,



- Assisted and attended the MOA signing between BMB and DENSO TEN re: provide assistance in the management of rescued and rehabilitated wild fauna in the WRC on December 18, 2018.

## **VI. Coastal and Marine Ecosystems Management Program**

### **A. BFAR-BMB Convergence**

From November 22 to 23, the Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) and DENR- Biodiversity Management Bureau conducted a workshop in Puerto Princesa City, Palawan to develop a BFAR-BMB Convergence Operational Plan.

The DA-BFAR and the Bureau, primarily responsible for managing our Philippine fisheries and marine biodiversity, identified the need and value of moving forward together and committing to an enhanced convergence and complementation of policies, plans, and programs. With this shared commitment and synergistic direction taken by both Bureaus, a BFAR-BMB Convergence Operational Plan will be developed to guide both agencies in concretizing and operationalizing how the two bureaus should work more effectively and efficiently together.

### **B. Philippine Rise**

Participated in the Philippine Rise Gala Night and Exhibit Launch at the National Museum of Natural History last November 19, 2018. Currently in the pipeline are the production of documentaries and interstitials (similar to Yaman sa Kailaliman of BMB and PTV4) featuring the Philippine Rise Region, along with other Philippine Priority Seascapes and MPAs to be identified later on.

### **C. Green Fins Implementation**

As a result of the DENR staff Assessor's Workshop for Region 7, six (6) diveshops were assessed in Moalboal, Cebu last 27-29 November. Moreover, one (1) diveshop was assessed last October in El Nido, Palawan as a result of the DENR staff Assessor's Workshop for Region 4B.

### **D. National and International/Regional Commitments**

#### **• East Asian Seas (EAS) Congress**

The Philippines hosted the East Asian Seas Congress this year at the Iloilo Convention Center last November 27-30, 2018. BMB sits as the Chair of the Technical and Exhibit Working Committee. The exhibit highlighted the Department's efforts in the protection and conservation of our coastal and marine environment and initiatives in achieving SDG 14, Aichi Biodiversity Targets and other related local and International goals. BMB was also tasked to co-convene two Sessions during the Congress:

- 1) Blue Economy Forum- BMB prepared the presentation for the country's State of the Coast Report presented by AD Armida Andres. BMB coordinated the participation of the Philippine Statistics Authority (PSA) as a Panelist during the Session; and,
- 2) Blue Carbon Forum with ICLEI-BMB prepared the documentary requirements for the resource Speakers participation.

Further, the 5th EAS Youth Forum was organized by PEMSEA and DENR to enable the youth of the EAS region to contribute in implementing integrated coastal management at the local level, provide them with access to more learning opportunities, and build them as ocean champions in their respective universities and communities. Dalaw-Turo / Hands-on ARMS was the methodology/strategy employed during the Youth Forum which showcased the interconnectivity of all living and non-living resources and the environment.

- **Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF)**

Organized and hosted the 14th Coral Triangle Initiative on Coral Reefs, Fisheries, and Food Security Senior Officials Meeting (CTI-CFF SOM14) and the 7th Ministerial Meeting of the Coral Triangle Initiative last 10-14 November 2018

## **VII. Communication, Education, and Public Awareness (CEPA) Program**

- Regular showcasing of various animals at viewing areas to park visitors;
- To contribute in raising public awareness and appreciation on wildlife protection and conservation, the Bureau accommodated the following:
  - Accommodated interview by four (4) Rizal Technological University Bachelor of Arts in Political Science re: Existence of animal cruelty on October 2, 2018;
  - Accommodated interview by UST Architecture student re: WRC facility design on October 5, 2018;
  - Accommodated inquiry of UP Marine Science Institute student re: Identification method on October 5, 2018;
  - Provided assistance to UPLB-CVM student in collecting blood and ectoparasites from different reptile species at the BMB-WRC for their thesis entitled "Molecular Detection of *Hepatozoon spp.* in Blood and Ectoparasites from selected Reptiles in the Biodiversity Management Bureau National Wildlife Rescue and Research Center" and "Molecular Detection of *Plasmodium spp.* in Blood and Ectoparasites of Captive Reptiles at Biodiversity Management Bureau National Wildlife Rescue and Research Center, Diliman, Quezon City";
  - Accommodated interview by two (2) Lyceum of the Philippines Architecture students re: Data on donated and confiscated Avians at the WRC on October 12, 2018;

- Accommodated request of UPLB-CVM student re: Data on the conditions of monkeys in the WRC on October 18, 2018;
- Accommodated interview by Tarlac Agricultural University Veterinary Medicine student re: cases encountered in wild animals for her presentation on "Clinic-Pathological Conference" on October 22, 2018;
- Provided assistance to one (1) BS Biology student in collecting fecal samples from 10 adult Asian box turtles at BMB-WRC for his thesis entitled "Assessment of Interspecific Seedling Competition Between Seeds of Selected fruits that Pass through the Gut of Malayan box turtle (*Cuora amboinensis*) through Germination Percentage and Speed, Relative Growth Rate, and Biomass";
- Accommodated interview by two (2) UPLB students re: cats as potential pests on November 19, 2018;
- Accommodated interview by GMA 7 Kapuso Mo Jessica Soho re: monkeys on November 23, 2018;
- Accommodated interview by three (3) UP Diliman Political Science students re: animal security in public zoos on November 26, 2018;
- Accommodated interview by Mr. Pol Cariño of PEGMANNNAK and Mr. Neil Maddison, Director of Landscape Conservation for people and wildlife and tour of WRC facilities re: WRC management on confiscated wildlife on November 28, 2018;
- Accommodated seven (7) Chinese delegates re: tour of WRC facilities on November 29, 2018;
- Accommodated interview by two (2) 4th year St. Scholastica's College Mass Communication students re: treatment of wildlife species in Zoos on December 3, 2018;
- Accommodated 26 Grade 1 Miriam College Lower School students re: field trip and animal encounter on December 7, 2018;
- Accommodated four (4) DENSO TEN re: volunteer of services (painting of monkey enclosure) on December 7, 2018; and,
- Accommodated interview by three (3) UP-Diliman Political Science students re: animal security in public zoos in Metro Manila on December 11, 2018.

#### • **Special Events and Celebrations**

##### ○ **National Tamaraw Month**

The DENR through the Tamaraw Conservation Program (TCP) and other stakeholders celebrated the Tamaraw Month, with theme "Hataw sa Sama- Samang Paghakbang



para sa Tamaraw". This annual celebration is observed in order to: promote and generate public support in the conservation of the Tamaraw (*Bubalus mindorensis*); enhance public awareness on the status of the Tamaraw and its habitats; and, expand its the conservation network.

○ **2<sup>nd</sup> Wildlife Law Enforcement Summit – Nov 27-29**

Conducted the 2<sup>nd</sup> National Wildlife Law Enforcement Summit, with the theme "Moving Forward: Scaling Up Wildlife Law Enforcement" last November 20-23, 2018 at Clark Freeport zone, Pampanga. A formal gathering of at least 250 wildlife enforcement officers from various agencies/entities and partner organizations actively involved in supporting in supporting wildlife law enforcement in the country to: 1) share experiences, best practices, lessons learned and issues in wildlife law enforcement; and, 2) come up with recommendations to address such issues and improve enforcement in the country.

### **VIII. Managing the Ninoy Aquino Parks and Wildlife Center**

The Bureau continuously managed the 22.7 hectare Ninoy Aquino Parks and Wildlife Center (NAPWC). For the last quarter of 2018, a total of 62,441 visitors (male=33,213; female=29,228) were recorded generating a total income of ₱2,093,840.00 from the entrance, parking and rental fees of the park.

### **IX. Foreign Assisted Projects**

#### **A. Biodiversity Finance Initiative (BIOFIN)**

- Municipal LGU of Victoria, Occidental Mindoro developed and submitted its proposal amounting Php 12 million to access PSF;
- BIOFIN methodology implemented in 3 LGUs – Cebu, Negros Oriental and Negros Occidental;
- The Municipal LGU of Sablayan, Occidental Mindoro developed its local BSAP and local finance plan, which has recently been adopted by its Sangguniang Bayan thru SB resolution 2018-GGM056;
- The BMB Technical Secretariat was created thru BMB SO 2018-244, which will serve as the BIOFIN composite team within BMB;
- BIOFIN has assisted several policy initiatives: Malampaya Bill, PGRABS Bill and EO, DAO integrating biodiversity in to mining;
- Made 8 media pick ups in various media sources highlighting biodiversity financing and published 18 press releases with one front page feature at the Philippine Daily Inquirer amounting to Php 1,010,628.00; and,

- 520 stakeholders reached resulting to increased knowledge on finance solutions.

#### **B. Combatting Environmental Organized Crime in the Philippines**

Launched during the 2nd Law Wildlife Enforcement Summit last November 22, 2018, the 3-year project will focus on legal reforms, strengthening law enforcement capacity and raising public awareness to reduce the demand for wildlife and wildlife parts.

#### **C. Small-Grant Project SGP 5**

To date, all grantees have submitted their terminal reports, 26 BDFE Business Plans completed (7 Samar, 10 Palawan, and 9 Upper Lower Sierra Madre), BEAT: Biodiversity-Friendly Enterprises Assessment Tool developed, and Model Building for Scaling Up Abaca Production in Mondragon, Northern Samar were established.

#### **D. Strengthening National Systems to Improve Governance and Management of Indigenous Peoples and Local Communities Conserved Areas and Territories (ICCA)**

The Bureau, through the Philippine ICCA Project, recently presented to key stakeholders the draft version of the National Indigenous Communities Conserved Territories and Areas (ICCA) Registry last November 22, 2018 at the B Hotel, Quezon City.

Attended by leaders of indigenous peoples organizations, national and regional government agency staff, Protected Area (PA) superintendents, and NGO representatives, the activity provided a venue to train the participants on the front- and back-end functions of the Registry, as well as give information on the actual steps to ICCA-related information and maps into the Registry.

### **X. Other Major Accomplishments**

#### **• Boracay Biodiversity Rehabilitation Program**

- After the six-month closure of Boracay starting April 26, 2018, the famous island was officially opened to the public last October 26, 2018. The Bureau, as part of the DENR Boracay Task Force has accomplished the following:
  - Signed MOA with the following private entities for the Adopt-a-Wetland Program:
    - Energy Development Corporation (Wetland 2)
    - Aboitiz Equity Venture (Wetland 4)
    - Boracay Tubi Systems, Inc. (BTSI) (Wetland 6)
  - Engagement with the following private companies for wetland rehabilitation:
    - Engagement of San Miguel Corporation (SMC) for the rehabilitation of wetland no. 3 and 9
    - Engagement of JG Summit for the rehabilitation of Wetland No. 8

- Inauguration of Wetland 2 during the opening of Boracay;
- Unveiling of the site development plan of the following
  - Wetland 3 (pic c/o twin)
  - Wetland 4 (video c/o twin)
- Clean up and infrastructures developed:
  - WETLAND 2: Installed ecological path walk, (1,038 pieces of footsteps) bird watching, platform entrance marker, information boards and planted 250 seedlings from 29 species of threatened trees native to the Philippines (arboretum) in Wetland 2 (insert photos)
  - WETLAND 3: Physical clean up and clearing of Invasive Alien Species (IAS) of water lettuce *Pistia sp.* and construction of Pontoon and Boracay icon installed.
  - WETLAND 4: Implementation of Phase I of the development (installation of Automated Weather Station, improvement of balusters, installation of pavers, construction of speed table, greening, installation of temporary aerators)
  - WETLAND 6: Vegetative enhancement through planting of mangrove seedlings (more than 2500 seedlings planted). Clearing of debris from the demolition.
- A Marine Rapid Assessment was conducted last November 5-9, 2018. The team was composed of the DENR Region 6, PENRO Aklan, CENRO Boracay, Biodiversity Management Bureau and the BBAS. The team used the Point Intercept Transect, Fish Visual Census (FVC) and Marine Invertebrates Census;
- A two-day Learning Event on Wildlife Conservation and Law Enforcement for Stakeholders in Boracay was conducted by the Bureau in coordination with the DENR Boracay Task Force last November 28-29, 2018.



## PHYSICAL ACCOMPLISHMENT REPORT 4TH QUARTER 2018

Department: **ENVIRONMENT AND NATURAL RESOURCES**

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

**Program/Project/Activity:** Data Management including Systems Development and Maintenance

[illegible]

**Program/Project/Activity:** Data Management including Systems Development and Maintenance

[illegible]



Department: **ENVIRONMENT AND NATURAL RESOURCES**

Agency: **OFFICE OF THE SECRETARY (OSEC)**

Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**

Program/Project/Activity: **Data Management including Systems Development and Maintenance**

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
1. Compilation/consolidation and review of statistical reports on protected areas and wildlife resources	Reports reviewed and compiled	16	16	16	16	64	16	16	16	16	64	100	
	Reports prepared/submitted to DENR CO	1	1	1	1	4	1	1	1	1	4	100	
2. Compilation, production and distribution of Protected Areas and Wildlife Statistical Yearbook for CY 2015	CD copies produced and distributed		500			500							To be compiled in the DENR Compendium
3. Attendance to trainings/seminars/workshops/meetings and other activities related to statistics	trainings/seminars/workshops/meetings attended	as the need arises											
4. Regional coordination/validation of Statistical Reports including NAP	Regions visited		5	5	6	16		5	5	6	16	100	
	Reports validated		6	6	5	17		6	6	5	17	100	
	Reports submitted		6	6	5	17		6	6	5	17	100	
5. Assistance to National Statistical Month celebration	Assistance extended/provided	as the need arises											
6. Technical assistance to student and other clientele	Assistance extended	as the need arises											
7. Preparation of monthly Summary Statistics on Wildlife Export based on the issuance of CITES permits	Reports prepared	3	3	3	3	12	3	3	3	3	12	100	
IV. Conduct of Learning and Development	Trainings conducted	4	2	3	3	12	4	4			8	67	

**Program/Project/Activity: Data Management including Systems Development and Maintenance**

[illegible]



Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Production and Dissemination of Technical and Popular Materials in the Conservation and Development of Natural Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
<b>PROGRAMS</b>													
<b>SUPPORT TO OPERATIONS</b>													
<b>PRODUCTION AND DISSEMINATION OF TECHNICAL AND POPULAR MATERIALS IN THE CONSERVATION AND DEVELOPMENT OF NATURAL RESOURCES AND ENVIROMENTAL EDUCATION, INCLUDING AN ENCYCLOPEDIA ON BIODIVERSITY</b>													
1. Conduct of KAP Survey in selected areas	survey conducted in pilot areas				1	1				1	1	100	
	consultant hired		1			1		1			1	100	
1.1. Development of KAP Survey Tool	tool developed		1			1							Initial coordination on-going with
1.2. Pre-testing of KAP Survey Tool	tool pre-tested			1		1							concerned partners/divisions in preparation of the survey tools
2. Celebration of special events													
2.1 World Wetlands Day (February 2)	no. of events activities	1				1	1				1	100	
2.2 IDBD (May 22)	conducted		1			1		1			1	100	
Launching of Cave Book (in partnership with NM)	cave book launched	1				1	1				1	100	
2.3 World Wildlife Day (March 3)	report submitted	1				1	1				1	100	
2.4 World Migratory Bird Day (May 10)	report submitted		1	1		2		1	1		2	100	
2.5 Philippine eagle week (June 4-10)	report submitted		1			1		1			1	100	
3. Printing/Production of campaign collaterals (Calendars, pamphlets, brochures, flyers)	no. of collaterals produced/ printed				3000	3000				3000	3000	100	
4. Photo-documentation of caves, wetlands and other conservation areas and BD-friendly products	collection of high resolution photos	1		1		2	2				2	100	
5. In-house education program on BD conservation	no. of sessions conducted	1				1	1				1	100	
6. IEC (NPD)													
6.1. Printing of Compilation of PA Policies	No. of compilation of PA Policies printed	500				500	500				500	100	

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**

**Program/Project/Activity:** Production and Dissemination of Technical and Popular Materials in the Conservation and Development of Natural Resources

[illegible]



Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

**Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs**

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
PROGRAMS													
SUPPORT TO OPERATIONS													
FORMULATION AND MONITORING OF ENR SECTOR, POLICIES, PLANS, PROGRAMS AND PROJECTS													
1. Policy Review and Formulation													
A. Caves, Wetlands and Other Ecosystems Program													
1. DMC List of Classified Caves (2018)	Draft DMC endorsed to OSEC			1		1		1			1	100	DMC 2018-09 re Additional List of Classified Caves - approved by the Secretary last Aug 16, '18
2. Establishment of Cave Management, Protection and Conservation Program (CMPCP)	Draft amended policy (DAO 2003-29) reviewed by NCC/BMB-TRC				1	1							Consultant hired; Preparations are being undertaken for the scheduled consultation-workshop with DENR personnel
	No. of meetings/consultations conducted		1	1	2	4		1	1	1	3	75	
3. Cave Rescue Protocol	Policy endorsed to Director				1	1							Endorsed to BMB-TRC on December 18, 2018
	no. of meeting/consultation conducted		1	1		2	1			1	2	100	Final review during the Dec 6 NCC Meeting
4. Procedural Guidelines on Urban Biodiversity Inventory and Assessment	Policy endorsed to Director				1	1			1		1	100	Technical Bulletin 2018-02 re Procedures in the Conduct of Assessment or Urban Biodiversity
	no. of meetings/workshops conducted		1	1		2		1	1		2	100	- approved by the Director last April 11, '18
4.a. Development of Manual of Tools for the Assessment of Urban Areas	manual of tools drafted			1		1							Draft Manual of Tools for Urban Assessment
	no. of meetings/workshops conducted		1	1		2			2		2	100	for endorsement to TRC
5. Wetland Conservation Plan	Wetland Conservation Plan endorsed to PTWG				1	1							Drafted Senate Bill on National Wetland Policy (reformulated from the draft EO through assistance of BMB Legal) submitted for sponsorship of Senator Legarda
	no. of meetings/workshops conducted	1		1		2		1			1	50	
													Revised Draft Executive Order institutionalizing a National Wetland Policy and National Inland

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													Wetland Conservation Program were submitted to TRC on December 2018; reviewed by TRC during the Dec 20 meeting
6. Issuance of Supplemental Technical Bulletin on BMB	Technical bulletin drafted				1	1							Supplemental TB drafted;
Technical Bulletin No. 2016-10, Outline of Cave/ Wetland Management Plan	no. of meetings/workshops conducted	1		1		2			1	1	2	100	In-house discussion/review conducted on December 12, 2018
7. Other Policies													
Technical Bulletin on Guidelines for Wetlands Profiling / Assessment													Technical Bulletin 2013-06 re Prescribing the Forms for Inland Wetland Inventory and Profiling - approved by the Director last Dec 20, '18
B. Protected Area Management													
1. Preparation of guidelines & regulations on protected area management	no. of guidelines prepared/ finalized												
a. Annotated CRMP Outline				1		1			1		1	100	Draft TB on Annotated Outline for the Community-Based Resource Management Plan for PACBRMA - endorsed to the Director last July 31, '18
b. Guidelines on Management Effectiveness Assessment of Protected Areas			1			1		1			1	100	Technical Bulletin 2013-05 Adopting the METT for Assessing and Monitoring Management Effectiveness of PAs - approved by the Director last October 24, '18
c. PA Management Zoning (TB: Clarifying the DAO 2007-17)		1				1		1			1	100	Technical Bulletin 2013-01 re Clarifying the Procedures in the Identification, Designation and Delineation of Management Zones of PAs under the NIPAS - approved by the Director last April 6, '18
d. Technical Bulletin on GAD/HCDG for PA Management Plans (Supplemental to TB on PAMP Outline)			1			1		1			1	100	Draft TB Adopting the Harmonized Gender and Development Guidelines (HGDG) for Natural Resources Management Project in PAS



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													- endorsed to the Director last June 29, '18
e. DAO adopting IPAF Handbook		1				1	1				1	100	Draft DAO Adopting the Manual on the Administration and Management of the IPAF
													- endorsed to the Secretary last Feb 13, '18
f. Joint NCIP-DENR Policy on ICCA Recognition					1	1							The policy consultant, Atty. Jennifer Corpuz presented her initial findings, along with Dr. Padma Perez, ICCA-PA Overlap Consultant.
g. Guidelines Integrating ICCA in ADSDPP (Manual of Operations for the Revised ADSDPP Guidelines submitted to the NCIP En Banc for approval)					1	1							Conducted the ICCA Documentation Training with national and regional NCIP personnel last October 1-6, 2018 at Mt. Imugan, Sta. Fe, Nueva Vizcaya.
i. Guidelines for ICCA and PA Overlaps / on recognizing ICCAs in Protected Areas					1	1							Held the Presentation of Initial Results of the ICCA Project's Policy Deliverables last September 3-4, 2018 at the B Hotel, QC. The ICCA-PA Overlap consultant, Dr. Padmapani Perez presented her desk review and field work in Mt. Iglit-Baco, Oriental and Occidental Mindoro and Kalatungan Mountain Range, Bukidnon.
													The Consultants and the participants agreed that the policy is timely and will be part of the Implementing Rules and Regulation (IRR) of the recently signed ENIPAS Law.
													It was agreed upon that Dr. Perez shall complete the interviews and FGDs, discuss the policy recommendations with BMB and NCIP, and collaborate with the Policy Consultant for the appropriate language and form of the Guidelines.
j. Guidelines for Establishment of ICCA Registry					1	1							Hired Charles Baking Jr. as the National ICCA Registry platform developer. An Inception

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													Meeting was held at the NPD Conference Room last September 10, 2018 to agree on the content and look of the platform. Mr. Buring is now in the process of developing the Registry, for presentation in the National Stakeholders Consultation on October 17-19, 2018.
I. ICCA Bill					1	1							Oriented Luzon and Mindanao IP communities about the ICCA Bill last August 21-23 and August 28-30, respectively, using funds provided by the International Land Coalition (ILC). The event was held alongside the Paralegal Training with BUKLURAN. Facilitated ICCA lobbying meetings between Mangyan IPs and Senate and House of Representatives staff last July 23-25, 2018.
2. Review of guidelines, policies, regulations, resolutions, bills, etc. referred to the Division	No. of guidelines, Policies/bills Regulations/Resolutions reviewed	8	8	8	8	32	27	17	43	13	100	313	
3. Review of PA Bills/ENIPAS Act	No. of PA Bills reviewed	1	1	1	1	4	14	14	19	75	122	3050	
	No. of meetings/hearings attended												
C. Wildlife Conservation and Management Program													
1. Establishing certain areas as Critical Habitat	Draft DAO endorsed to OSEC				2	2			2		2	100	Draft DAO "Declaring Certain Forest Land and Coastal Marine Area Within Boracay Island in the Municipality of Malay, Province of Aklan as Critical Habitat for the Threatened Species of Flying Foxes and Marine Turtles which shall be Known as the "Boracay Island Critical Habitat" - endorsed to DENR Central Office on Sept. 26; returned to BMB for further review on Oct. 19
													Draft DAO "Juban Wetlands Critical Habitat for Philippine duck" - endorsed to DENR Central Office on Sept. 2018



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
2. List of Economically Important Species of Wild Fauna under the Jurisdiction of DENR	consultation meeting/workshop conducted	1	1	1		3	1	1		1	3	100	Draft DAO being developed by the Phil. Red List Committee for Wild Fauna (PRLC) during its Workshop on the following dates: Feb. 1-2 (Cocoon Boutique Hotel, Quezon City) May 24-25 (Sulo Riviera Hotel, Quezon City) Nov. 19-20 (Sulo Riviera Hotel, Quezon City)
	Draft DAO endorsed to OSEC				1	1							Draft DAO requires further review and assessment (in terms of invertebrates and fees)
3. Amendment of Republic Act No. 9147 "Wildlife Resources Conservation and Protection"	Consultation workshop/meeting conducted	1	1			2	3				3	150	Consultation in Palawan held last Jan 2018; National consultation workshop on Mar 6, 2018 held at La Breza Hotel; and Inter-agency meeting/workshop for the final review of the revised RA 9147 held on March 26-27, 2018 at Icon Hotel.
	Draft amendment endorsed to OSEC				1	1	1				1	100	Proposed House Bill re Revised Wildlife Resources Conservation and Protection Act was submitted to the House of Representative through the Committee on Natural Resources last March 28, 2018. Said House Bill was also forwarded to the Assistant Secretary for Legal and Legislative Affairs of the DENR.
4. National List of Invasive Alien Species	consultation meeting reports	1				1	1	1			2	200	Workshops conducted last Feb 21-24, 2018 and April 4-5, 2018
	Draft DAO endorsed to OSEC				1	1							To be endorsed by end of December
5. Other Policies	No. of policies drafted/approved												Technical Bulletin 2013-04 re Prescribing the Templates for the Assessment Report and Map of Proposed Critical Habitats. - approved by the Director last Oct. 12, '18
D. Coastal and Marine													
1. Six (6) policies on CMEMP/Management of Coastal and	No. of Policies drafted and		3	2	1	6	1	3	1		5	83	Technical Bulletin 2013-03 re Guidelines

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
Marine Reosurces	submitted												on the Granting and Utilization of Financial Assistance for BDFE under the CMEMP <i>- approved by the Director last Sep. 19 , '18</i>
													BMB Memorandum Circular 2018-01 re Guidelines on the Hiring of Coastal Extension Officers (CEO) <i>- approved by the Director last Mar. 09</i>
													Draft DAO re Guidelines on the Granting and Utilization of Financial Assistance for BDFE under the CMEMP <i>- endorsed for approval to Secretary</i>
													Presidential Proclamation No. 489 Declaring a portion of the Philippine Rise situated within the Exclusive Economic Zone of the Philippine Sea, North Eastern Coast of Luzon Island as Marine Resource Reserve pursuant to Republic Act (RA) No. 7586, or the National Integrated Protected Areas System (NIPAS) Act of 1992, to be known as the Philippine Rise Marine Resource Reserve <i>- approved by the President of the Philippines last May 15, 2018</i>
													Draft Technical Bulletin on Guidelines for the Coral Reef Ecosystems Restoration and Rehabilitation <i>- for finalization based on comments of TRC</i>
													Draft Technical Bulletin on Scaling Up Marine Protected Areas to a Network <i>- endorsed for approval of Director</i>
													Drafted the Coral Bleaching Incident Response Guidelines



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
2. Gather data/information /related materials for in support of the drafting of policies/guidelines/ programs on caves,wetlands and other important biodiversity areas such as urban ecosystem and BD-friendly enterprises/practices	list of related/relevant information, materials, policies, plans and programs gathered	moving target											Gathered relevant information /data /references and policies for the drafting of the following support guidelines policies on the amendment of the a. Cave Mgt. Protection and Conservation Program (Cave Act) b.Procedural Guidelines on Urban Biodiversity Assessment, and c. Criteria for the Incentives in Wetlands Conservation award
3. Programs/Projects Development, Implementation and Review													
3.1. Review of research/project proposals submitted by various entities/institutions	proposals reviewed PGP prepared	1	1	1	1	4	3			3	6	150	
		moving target					2	3	2	2	9	100	
3.2. Preparation of partnership agreements	MOAs/MOUs prepared		1	1	1	3	4	1	1	2	8	267	
3.3. Drafting of conservation and management plans for threatened species (dugong, marine turtle, flying fox)	meetings/workshops conducted Management Plan endorsed to OSEC for adoption	1	2	2	2	7	1	2	2	2	7	100	
3.4. Review of the ENR policies, programs/projects, MOAs and bills referred to the Division (CAWED)		1	1	1	1	4	1	1	1	1	4	100	
3.5. Review of proposals referred to the Division (NPD)	No. of proposals reviewed	1	1	1	1	4	2	2	8	1	13	325	
3.6. Supervision of and Technical Assistance to:													
3.6.1 ICCA Project	No. of reports/documents reviewed No. of meetings/activities attended	3	3	3	3	12	3	3	3	3	12	100	
		3	3	3	3	12	3	3	3	3	12	100	
3.7. Assistance in the implementation of relevant Programs and Projects	No. of reports reviewed No. of meetings/activities attended	2	2	2	2	8	2	2	2	2	8	100	
		2	2	2	2	8	2	2	2	2	8	100	
3.8. Conduct of meetings to discuss programs and projects related to coastal and marine	No. of meetings conducted	Moving target		2	1	3			2	1	3	100	
3.9. Attendance to meetings related to review, monitoring	No. of pax attended the meetings	Moving target		2		2			2		2	100	

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
and evaluation of policies (e.g. Congress Committee Hearings, PTWG, and Inter-agency meetings, etc.)													
4. Technical assistance (TA)													
4.1. Attendance to Meetings/Workshops/Fora/Symposia	No. of meetings/workshops/ fora/symposia attended	4	5	5	4	18	4	5	5	4	18	100	
	No. of reports submitted												
4.2. Presenters/Resource Persons			1	1	1	3		1	1	1	3	100	
4.3. Participation in Inter-agency/ BMB Committees				1	1	2			1	1	2	100	
4.4. Attendance/participation in the drafting/formulation of support policies/guidelines to biodiversity-related concerns	Meeting/workshops attended/ participated	1	1	1		3	1	1	1		3	100	
4.4.1. Guidelines on the Recognition of Biodiversity-Friendly Enterprises	technical assistance provided				1	1				1	1	100	
4.4.2. Biodiversity-Friendly Agricultural Practices (BDFAP)	technical assistance provided				1	1	1				1	100	
4.4.3. Enhancement of Biodiversity Conservation and Protection in Mining Operations	technical assistance provided				1	1			1		1	100	
4.5. Provide technical assistance to Regional Office, LGUs, OGAs GOs and other stakeholder in the implementation of Caves, Wetlands/Ramsar Convention, Urban Biodiversity and other biodiversity-related projects/ program	TA provided	1	1	1	1	4	1	1	1	1	4	100	
4.6 Provision of technical assistance to BMB and Regional Offices in the planning/programming of BMB Programs/ Projects	Activities undertaken	as needed											
	Documents prepared												
	Regions visited												
5. Capability Building													
5.1. Attendance to training/workshops/ seminars	No. of training/workshops/ seminars attended		3	3	3	9		3	3	3	9	100	
5.2. In-House Workshop/Writeshop on proposals ( Activity	No. of In-house Workshop/	1				1	1				1	100	



Department: ENVIRONMENT AND NATURAL RESOURCES  
Agency: OFFICE OF THE SECRETARY (OSEC)  
Operating Unit: BIODIVERSITY MANAGEMENT BUREAU  
Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
Design, TOR, PR) for various NPD activities	W/riteshop conducted												
5.3. Assessment and Planning Workshop	W/orkshop conducted		1		1	2	1		1		2	100	
5.4. LE on PA Policies (for Regional, PENROs & CENROs Planning Officers, Technical Staff) and Cascading of National PA System Master Plan	No. of Learning Events facilitated/ organized		3			3		3			3	100	
5.5. Trainor's Training on Biodiversity Assessment and Monitoring System (BAMS)	No. of Trainor's Training organized		2	1		3				2	2	67	Batch 3 - scheduled on Jan 14-23
	Consultant procured	1				1				1	1	100	
5.6. Training on Socio-Economic Assessment and Monitoring System (SEAMS)	No. of trainings organized	2				2	2	1			3	150	
5.7. Learning Exchange on Ecosystems Valuation	No. of Learning Exchange			1		1				1	1	100	
5.8. Workshop on Management and Investment Planning in Protected Areas	No. of Workshops conducted	3	1			4	3	1			4	100	
5.9. Learning Event on Cave Management and Protection (Cave Biodiversity Assessment, Visayas and Mindanao Cluster)	no of participants/report submitted/ events conducted			1		1			1		1	100	
5.10. Roll-Out of CAWED-approach policies	no. of male and female trained participants/report submitted/			1		1			1		1	100	
5.11. Orientation on the Implementation of CMCSAP (Vis-Min Cluster)	no. of participants/report submitted /events conducted	1				1	1				1	100	
5.12. LE on Vulnerability Assessment of Inland Wetland Ecosystems and Mainstreaming Disaster Risk Reduction in Wetlands Conservation and Management with Orientation on wetland concepts and updating of Ramsar sites (Vis-Min cluster) cum Modified Stream Visual Assessment Protocol as Rapid Assessment Tool	no. of participants/report submitted /events conducted			1		1			1		1	100	
5.13. Learning event on Basic Caving Skills cum Cave	no. of event conducted		1			1			1		1	100	

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
Photography													
5.14. Focus Group Discussion on the PBSAP pursuant to DAO 2016-12 with DENR Bureaus and selected agencies	No. of agencies participated in FGD		2	2	2	6		2	2	2	6	100	
5.15. Policy Development and Advanced M&E Learning Event	No. of trainings/LE conducted			1		1			1		1	100	
6. Formulation/Review of plans/programs/policies/proposals on biodiversity conservation and protected area management	2019 BMB Work and Financial Plan prepared and submitted to DENR/DBM				1	1				1	1	100	
	Proposal/cases/policies/ MOA reviewed/prepared	2	3	3	3	11	2	3	3	3	11	100	
7. Conduct of regular conference/meetings/workshops	Conference/Meetings conducted	3	3	3	3	12	3	3	3	3	12	100	
- Mid year/Annual Assessment Workshops	Minutes/Proceedings/ Documents prepared/submitted												
- Senior Staff Meetings													
- Technical Review Committee Meetings													
- FDU Meetings/workshops													
- PBSAP Donors Meeting													
8. Implementation/Monitoring of Plans/Programs/Projects on biodiversity conservation													
- Review and consolidation of accomplishment reports	Monthly/Quarterly reports submitted	3/1	3/1	3/1	3/1	12/4	3/1	3/1	3/1	3/1	12/4	100	
	Annual Report submitted				1	1							
- Monitoring/assessment of programs and projects on biodiversity conservation	Regions/sites visited			8	8	16			8	8	16	100	
	Field reports prepared and submitted			8	8	16			8		8	50	
9. Implementation/Coordination of Foreign Assisted Projects													
9.1. Biodiversity Finance Initiative (BIOFIN)	Meetings/Workshops attended conducted	2	2	2	2	8	2	2	2	2	8	100	
9.2. 5th Operational Phase of the GEF Small Grants Programme (SGP5)	Monitoring of approved SGP		2	2	1	5		2	2	1	5	100	
	Documents prepared/acted upon	2	2	2	2	8	2	2	2	2	8	100	



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[illegible]

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

**Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs**

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Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**

**Program/Project/Activity: Natural Resources Management Arrangement/Agreement and Permit Issuance**

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Department: **ENVIRONMENT AND NATURAL RESOURCES**  
Agency: **OFFICE OF THE SECRETARY (OSEC)**  
Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**  
Program/Project/Activity: **Natural Resources Management Arrangement/Agreement and Permit Issuance**

PROGRAM/ACTIV/TY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
III. Wildlife Law Enforcement													
1. Mobilization of the Philippine Operations Group on Ivory and Illegal Wildlife Trade (POGI)													
1.1. Case-building (intelligence-gathering, investigation, surveillance) operations	intelligence report submitted	15	15	15	15	60	32	26	16	11	85	142	
1.2. Actual law enforcement operations and filing of criminal complaints/cases against suspected law violators	case documents	3	3	3	3	12	2	1	8		11	92	
	- enforcement report												
	- search warrant (as appropriate)												
	quarterly enforcement reports	1	1	1	1	4	1	1			2	50	3rd quarter reports drafted
1.3. Attendance to court hearings	case updates	moving target					8	12	6	5	31	100	
2. Capacity-building													
2.1. 8th Training of Trainers (TOT8) on Wildlife Law Enforcement	training conducted			1		1			1		1	100	
	report submitted				1	1					1	100	
2.2. 2nd National WLE Summit	training conducted				1	1				1	1	100	conducted on Nov 20-23, 2018 at Hotel
	report submitted				1	1					1	100	Stotsenburg, Clark, Pampanga
IV. Wildlife Law Enforcement Action Plan (WILDLEAP)													
1. Policy and System Development													
1.1. Review and enhance existing WLE manual/protocol	small-group workshop conducted				1	1				1	1	100	
	report submitted				1	1				1	1	100	
2. Networking and Coordination													
2.1. Attendance to international meeting/workshop related to wildlife law enforcement	meeting/workshop attended			1	1	2			1	1	2	100	
	report submitted				2	2			1	1	2	100	
3. Capacity Building													
3.1. Adimistrative Adjuducation Training for the lawyers of the DENR Field Offices	training conducted				1	1							
	report submitted				1	1							
3.2. Training on Wildlife Conservation and	training conducted				2	2			2	1	3	150	



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Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**  
Program/Project/Activity: **Natural Resources Management Arrangement/Agreement and Permit Issuance**

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
1. Support to GEP 3 Project Combatting Environment Organized Crime in the Philippines	quarterly report submitted		1	1	1	3		1	1		2	67	
IV. Capacity Building and Communication, Education and Public Awareness (CEPA)													
1. Celebration of the World Wildlife Day	no. of report submitted	1				1	1				1	100	
2. Conduct of Seminars on wildlife policies													
2.1. Stop Illegal Wildlife Trade Campaign in airports/seaports	seminars conducted		1			1		1			1	100	
a. Dumaguete air and sea ports				1		1			1		1	100	
b. Port of Allen, Samar													
3. Holding of the Second Wildlife Law Enforcement Summit	summit proceedings				1	1				1	1	100	
4. Support to Wildlife Identification Training Program	training reports			1	1	2			1	1	2	100	
	no. of trained personnel			50	50	100			52	55	107	107	
5. Conduct of training on telemetry study	training report			1		1			1		1	100	
	no. of trained personnel			20		20			21		21	105	
V. Others													
1. Establishment of Storage Facility for Wildlife Files													
1.1. Procurement & installation of Container Van	units purchased												
1.2. Procurement of Split-type Aircon	units purchased				2	2				2	2	100	



Program/Project/Activity: Protected Areas Development and Management

PROGRAM/ACTIVITY//PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
OPERATIONS													
NATURAL RESOURCES SUSTAINABLY MANAGED													
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM													
Protected Areas Development and Management													
1. Implementation of NIPAS													
1.1. NIPAS Establishment/ Declaration/ Disestablishment	No. of relevant documents for PA establishment/ disestablishment reviewed (dependent on submission from Regions)				2	2			5	1	6	300	
1.2. NIPAS Management													
a. PAMB Organization	No. of PAMBs appointments reviewed/processed		5	5	5	15	18	51	23		97	647	
b. PAMB Operationalization	No. of Resolutions reviewed	8	8	8	8	32	31	4	29	62	126	394	
	No. of Minutes of Meeting review	15	15	15	15	60	9	3	11	23	48	77	
c. IPAF Establishment/ Operation	No. of SBR reviewed/ endorsed (dependent on the submission of Regions)	5	5	5		15	19	6	5	10	40	267	
	No. of collection and utilization reports reviewed	15	15	15	15	60	10	7	10	24	51	85	
d. PA Management Plans preparation/updating	No. of PAMPs reviewed		1	2	2	5				2	2	40	
f. SRPAO/SEAMS	No. of reports reviewed	3	3	3	3	12	3	8	7	1	19	158	
g. Biodiversity Assessment and Monitoring System (BAMS)	No. of BAMS reports reviewed								4	0	4	100	
g. Biodiversity Monitoring System	No. of reports reviewed	15	15	15	15	60	15	16	20	24	75	125	
h. Special Use Agreements within PAs/MOA	No. of SAPA/MOA reviewed		1	1	1	3	1	4	1	3	9	300	



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
i. PA Law Enforcement	No. of reports reviewed	5	5	5	5	20	3	5	6	6	20	100	
j. Other PA Management Activities	No. of reports reviewed	15	15	15	15	60	62	66	75	66	269	448	
1.3. Ecotourism Development Program	No. of reports reviewed	5	5	5	5	20	1	6	3	6	16	80	
a. Site monitoring	No. of sites monitored			2	2	4			1	6	7	175	
b. Attendance to ETWG and NESC meetings	No. of meetings attended/ facilitated			1	1	2	3	1		2	6	300	4 ETWG (January 16 and 26, March 27, Oct. 30) ; 2 NESC (April 10 and Dec. 5)
1.4. Monitoring of NIPAS implementation	No. of sites monitored		5	5	5	15		4	2	11	17	113	
2. Cave Management and Conservation Program													
2.1. Monitoring of priority/classified caves including cave ecotourism sites	no. of priority/classified cave monitored/ no. of sites visited	2	2	2	2	8		4	4	3	11	138	Monitored caves within the following Regions: - Region 4A 1. Kaping Cave, Tayabas, Quezon 2. Lawige Cave in Tayabas, Quezon - Region 6 (6) 3. Darkside of Paradise, Boracay 4. Bat Cave, Boracay 5. Crystal Cave, Boracay 6. Maestranza Cave, Bulabog-Putian NP 7. Guiso Cave, Bulabog-Putian NP 8. Tuko Cave, Bulabog-Putian NP - Region 5 (1) 9. Libmanari Cave, Albay - CAR (20) 10. Sumaguig Cave 11. Lumiang Cave
2.2. Review and evaluation of Cave Assessment Reports/Mgt. Plans	no. of cave mgt. plan evaluated/validated	2	3	2	2	9	11	11	16	17	55	611	
2.3. National Cave Committee Operations	report/meetings conducted	1	1	1	1	4	1		2	1	4	100	
2.4. Cave Management, Protection, and Conservation Strategy and Action Plan (CMPCSAP 2017-2028)	consultation/meeting conducted CSAP endorsed to OSEC/ PTWG			1	1	2	2			2	4	200	Held a meeting last Feb 20, 2018 where draft SAP was presented to the NCC/RCC and concerned regional reps. Consultation was then conducted last Mar 21, 2018

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		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													Conducted HGDG of CMPCSAP last October 2018. reviewed during the December 20, 2018 TRC meeting
2.5. Conduct of Cave Congress	meetings conducted/facilitated co-hosting	1				1		1			1	100	
2.6. Procurement of Cave Equipment including supplies and materials for distribution to Region	Equipment, supplies and materials distributed to Regions	1				1				1	1	100	Caving supplies awarded and subject for delivery by January 2019
<b>3. Wetlands Conservation and Management Program</b>													
3.1. Incentive scheme for Philippine Wetland Conservation Award	enhanced incentive scheme launched				1	1							Drafted TB on Guidelines for the Philippine Wetland Conservation Award based on the
	no. of meetings conducted	1				1	1				1	100	agreements during the October 30, 2018 BMB Budget Defense
3.2. Monitoring/evaluation of wetland priority/Ramsar/ecotourism site	no. of site monitored/evaluated	1	1	1	1	4	1	9	5	2	17	425	Conducted monitoring and site visit to the following: <b>Region 4B</b> 1. Lake Manguao, Palawan <b>Region 6</b> 2 - 10. Wetland sites in Boracay <b>Region 12</b> 11. Lake Lahit 12. Lake Sebu 13. Lake Seloton <b>Region 5 (14-15)</b> <b>Region 9 (16-17)</b>
3.3. Attendance/Participation to Ramsar invitation meetings or other related international events	no. of meetings conducted/attended		1			1		1	1	1	3	300	Attended meeting last Apr 17, 2018 and September 27-18 for the finalization and submission of Ramsar Resolution on promoting the conservation and wise use of intertidal wetlands and ecologically associated habitats for Switzerland Ramsar Presentation in Dubai on Oct 2018
3.4. Review and evaluation of Wetland Assessment Reports (WIS)/Mgt. Plans	no. of wetland assessment report reviewed / mgt. plan	1	1	1	1	4	25			2	27	675	Eighteen Wetland Assessment Reports reviewed: Matangra Lake, Alaminos and



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
	evaluated /validated												Burayen River (R1 - 3); Balligi river (R2 -1) Mangarin Mangrove Swamp (R4B-1); Lake Buhí, Sumlang Lake and Lakelets Katugday, Makuwaw and Manapan (R5-4) Boracay Wetland 1 and 6 (R6-2); Azagra Ponds, Pagatban River, Polo Marsh, Siaton River(R7-4); Lake Janagdan, Leyte Sab-a Basin and Jiabong (R8 -3)
													Nine (9) Wetland Management Plans reviewed: Tagaktak Falls (R11); Lake Janagdan and Jiabong (R8-2); Tinagong Dagat (R6); Usol Ecctourism Park and Upper and Lower Magat Dam (R2-3); Viga Wetland (R2); Tabeyo Lake (CAR); Central Cebu River Easin Master Plan (R7)
3.5. AD-HOC Technical Working Group	report/meetins conducted		1		1	2	1			1	2	100	
4. Urban Biodiversity Conservation and Management Program													
4.1. Assessment of selected pilot urbanized area/ region using the proposed guidelines on Urban Biodiversity	assessment of selected pilot are/region		1	1		2		1	2		3	150	
	No. of meetings/workshops conducted		1	1		2	1	1			2	100	
5. Agrobiodiversity Conservation Program													
5.1. Profilling of existing enterprise/practices as potential biodiversity-friendly enterprises and agricultural practices within protected areas and/or other conservation areas	list of potential biodiversity-friendly enterprises and agricultural practices		1	1		2		1	1		2	100	
5.2. Assessment using the criteria for BD-friendly enterprises/practices within protected areas and/or other conservation areas	no. of enterprises within protected areas and other conservation areas			1	1	2	1	1			2	100	
5.3. Building support of stakeholders in biodiversity conservation	no. of partner institutions/sectors engaged in biodiversity conservation; no. of BD-projects	1	1	1	1	4	1	1	1	1	4	100	



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
	undertaken by partners												
6. Participation to meetings/consultation /workshops (local/international) in the implementation of Peatlands related activities/projects													
6.1. Monitoring of priority peatland site (Leyte Sab-a Basin)	Sites monitored		1			1	1				1	100	
6.2. Assessment of identified peatland site	Peatland site assessed		1			1							
6.3. Attendance to meetings/consultation / workshops (local/international)					1	1			1		1	100	
7. Management and Administration of the Ninoy Aquino Parks and Wildlife Center (NAPWC)													
7.1 Outsourcing of Services													
7.1.1 Security Services (25 guards)	Security Agency Hired	1	1	1	1	1	1	1	1	1	1	100	
7.1.2 Park Maintenance and other Allied Serv	No. of Job Orders (contracts)												
7.1.2.1 Park Grounds Utility Workers		25	25	25	25	25	25	25	25	25	25	100	
7.1.2.2 Driver/Messengerial Services		1	1	1	1	1	1	1	1	1	1	100	
7.1.2.3 Automotive Mechanic		1	1	1	1	1	1	1	1	1	1	100	
7.1.3 National Wildlife Rescue and Research Center (NWRRC) operation	No. of Job Orders (contracts)												
7.1.3.1 Animal Caretaker		5	5	5	5	5	5	5	5	5	5	100	
7.1.3.2 Biologist		2	2	2	2	2	2	2	2	2	2	100	
7.2 Park Maintenance Supplies	supplies procured	moving target											
7.3 Nursery Supplies	supplies procured	moving target											
7.4 Planting Materials for Pocket Landscape	materials procured	moving target											
7.5 Repair/Maintenance/Upgrading of Equipmen	no. of equipment maintained	moving target											
7.5.1 Vehicles		4	4	4	4	4	4	4	4	4	4	100	
7.5.2 Chainsaw & Other Park Maintenance Equipment		5	5	5	5	5	5	5	5	5	5	100	
7.5.3 Office Equipment		moving target											

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Project/Activity: Protected Areas Development and Management

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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
OPERATIONS													
NATURAL RESOURCES SUSTAINABLY MANAGED													
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM													
Protection and Conservation of Wildlife													
I. Conservation of Threatened Species													
A. In-situ Conservation													
1. Monitoring of threatened species conservation and management programs (Philippine Raptors, Tamaraw, Crocodiles, Marine Turtles, Dugong, Philippine cockatoo, Philippine tarsier, flying foxes)	regional reports evaluated	15	15	15	15	60	10	56	34	44	144	240	
	Annual status reports submitted to the Director				1	1							
	field monitoring reports		3	3	1	7							
2. Asian Waterbird Census (AWC)	Regional bird count report reviewed	8	10			18	8	10			18	100	
	AWC record updated		1			1		1			1	100	
	National AWC report submitted to Wetland International		1			1		1			1	100	
	AWC coordinators meeting/workshop conducted				1	1				1	1	100	
3. Establishment and management of Critical Habitats													
a. Review of CH proposals submitted by the Regions	proposals reviewed and evaluated	1	1	1	1	4	1	2	1	3	7	175	
	evaluation results transmitted to the concerned Regions	1	1	1	1	4	1	2	1	3	7	175	
b. Review of CH Management Plans submitted by the Regions	management plans reviewed												Reviewed management for Malasi Lake and Juban Wetlands
c. Monitoring of CHMP implementation	CH status reports submitted		2	3	1	6							Monitored: Malasi Tree Park Sanctuary; LPPCHEA. Report underway
- Rafflesia schandenbergiana CH													
- Cabusao Wetland CH													
- Malasi Tree Park and Wildlife Sanctuary													
- Carmen CH													
- LPPCHEA													
- Magsaysay critical Habitat													
- Adams Wildlife CH													
4. Biodiversity Monitoring System (BMS)													
a. Review and evaluation of Regional BMS reports particularly on wildlife species monitored	evaluation results transmitted to NPD	3	3	3	3	12	3	3	3	3	12	100	1. Tumauni Watershed Forest Reserve 2. Baliangao Protected Landscape/Seascape 3. Alivagwag PL 4. Baganga PLS 5. Roosevelt PL



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													6. Turtle Island WS 7. Tmolan PL 8. Dumanquillas Bay PLS 9. Mt. Capayas 10. Calbayog Pan-as Hayiban PL 11. Mt. Nacolod LCA 12. Dupax WFR
5. Purchase of technical and scientific equipment	equipment procured			1		1				1	1	100	
<b>B. Ex-situ Conservation</b>													
1. National Wildlife Rescue and Research Center (NWRRC)													
a. Technical assistance in the maintenance and care of confiscated, donated and rescued wild animals	No. of animals maintained	1050	1050	1050	1050	1050	1361	1578	1402	1610	1610	100	As of December 2018
b. Management of rehabilitated animals in pursuit of DAO 97-17													
b.1 Organization of the BMB Wildlife Disposition Committee	no. of meetings organized	1		1		2		1	1		2	100	Conducted on June 29 and July 23, 2018
	no. of meeting minutes prepared		1		1	2		1			1	50	Minutes of Meeting drafted
b.2. Disposition of rehabilitated animals													
b2.1 Assessment of proposed release site	no. of release sites assessed	1	1	1	1	4		1			1	25	April 2018 - Aurora Memorial NP (AMNP) Angat Watershed and MCME - waiting for the finalization of MOU for their designation as regular release sites for rehabilitated animals
	no. of reports submitted	1	1	1	1	4			1		1	25	AMNP report submitted on July 10, 2018
b.2.2 Release of rehabilitated animals to the natural habitat	no. of animals released	30	30	30	30	120	2	79	26	1	108	90	- Jan 18, 2018 - One (1) head Pangolin in Palawan
	no. of reports submitted	1	3	3	3	10	1	3	1	2	7	70	- Mar 25, 2018 - one (1) head pangolin turned-over to PCSDS and released at Palawan - Jun 19, 2018 - 79 Parrots and Doves released in Angat Watershed - Aug 14, 2018 - One (1) Hawksbill turtle released in Morong, Bataan - Aug 24, 2018 - One (1) Hawksbill turtle released in Lian, Batangas - Sep 22, 2018 - 24 heads of Philippine Forest Turtle released in Palawan - Oct 25, 2018 - One (1) Olive ridley turtle was brought to Morong, Bataan
c. Turn-over of animals to accredited wildlife facilities through loan or donation	no. of animals disposed through loan/donation	necessary based on the recommendation of the B Wildlife Disposition Committee											

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
d. Monitoring of Regional WRCs and other wildlife facilities holding wildlife from WRC either thru loan or donation	no. of monitoring reports submitted		3	3	3	9	1	1	1		3	33	January 30, 2018- conducted monitoring of loaned animals at CABIOKID Foundation, Cabiao, Nueva Ecija April 17, 2018- Conducted monitoring and inspection of loaned animals at Manila Ocean Park (MOP) facility Avilon Zoo and Island Cove - Table
<b>II. Wildlife Diseases</b>													
1. Wildlife Diseases Surveillance	no. of field sampling conducted	1	1			2	1			1	2	100	
	report submitted		1			1		1			1	100	
<b>III. Animal food/medicine/etc</b>	supplies procured	moving target											
<b>IV. Capacity-building</b>													
1. Training on Wildlife Identification	modules developed	1				1			1		1	100	
- Development of trainings modules on herps, birds, mammals identification	module finalized		1			1			1		1	100	
	training report		1			1			1		1	100	
- Conduct of actual training	no. of trained personnel		50			50			104	53	157	314	Herps: Conducted on Jul 31 - Aug 13, '18 Birds: Conducted on Aug 15-29, 2018 Mammals: Training conducted on Oct 1-14, 2018
2. Orientation-Seminar on International and National Policies on Wildlife Law on Ivory and Illegal Wildlife Trade in the following air/sea ports:	trainings conducted												
- Batangas International Port		1				1	1				1	100	
- Abra de Ilog-San Jose, Occ. Mindoro		1				1		1			1	100	
- Calapan, Oriental Mindoro		1				1	1				1	100	
- Batanes Airport and Seaport			1			1		1			1	100	
- Port of Dumaguete, Negros Oriental			1			1		1			1	100	
- Port of Allen, Samar				1		1			1		1	100	
3. Others													Organized the following capacity building: 1) CITES: Non-Detriment Findings Training at B Hotel on Sept 4-6, 2018;  2) Training and application on CEPMIS at Hive Hotel on Oct 17-19, 2018;  3) Planning workshop for the establishment of a DENR Wildlife Rescue Center in Aklan" on Nov 13-17, 2018 at Jawili, Aklan;  4) Learning Event on Wildlife Conservation and Law Enforcement on Nov 28-29, 2018 at Boracay Island;  5) Training on Telemetry Research on Philippine Forest Vertebrates with focus on



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
													Philippine Eagle and Flying Foxes on Nov 22-24, 2018 at Malagos, Davao
<b>IV. Compliance with Regional and International Commitments/Agreements/Partnerships</b>													
1. Convention on Biological Diversity (CBD)													
1.1. Attendance to the CBD-related meetings/Conferences	report submitted		1		1	2			2	1	3	150	Twenty-second meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA22) 2 - 7 July 2018 - Montreal, Canada
													Second meeting of the Subsidiary Body on Implementation (SBI2) 9 - 13 July 2018 - Montreal, Canada
													UN Biodiversity Conference COP14-COPMOP9-COPMOP3 at Sharm El Sheik, Egypt, 13-29 Nov 2018
2. Convention on Migratory Species (CMS)													
2.1. Participation to regional and international meetings/events	meetings attended				1	1		1	1	1	3	300	Attended the following meeting/training:
	report submitted				1	1		1	1	1	3	300	- China-Asean Wildlife Conservation Training on 18-23 June 2018 held at Sichuan, China;
													- Turtle Islands Heritage Protected Area - Joint Management Committee Meeting at Richmond Hotel, Eastwood Center, Libis, Quezon City on July 11-12, 2018
													- CMS Standing Committee Meeting on October 22-25, 2018 held at Bonn, Germany
2.2. Organization of National Sea Bird Working Group	meetings attended		1			1			1		1	100	meeting conducted on August 24, 2018
	Working Group organized				1	1							Members of the working group identified
2.3. Inter-agency meeting on CMS COP12	meetings attended	1				1	1				1	100	Inter-Agency delegates post CMS COP12
	report submitted		1			1		1			1	100	meeting held at Sulo Riviera Hotel last Feb 13, 2018
3. Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)													
3.1. Participation in regional and international meetings/events													
3.1.1. ASEAN Experts' Group on CITES and Wildlife Enforcement	report submitted			1		1							Engr. Aguda of NALECC who was supposed to attend was not able to attend due documentary requirements, e.g. passport



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
OPERATIONS													
NATURAL RESOURCES SUSTAINABLY MANAGED													
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM													
Management of Coastal and Marine Resources													
I. Program/Project Implementation													
A. CMEMP "Agos ng Buhay" Implementation													
1. Conduct of workshops, trainings and other forms of learning events related to: - Technical and scientific aspects of CMEMP - Socio-economic and cross-cutting aspects of CMEMP - Conduct of consultations, workshops, orientations, LE	No. of events conducted (trainings, workshops, and other forms of learning events)	Moving target					3	1	1	1	6	100	
2. BDFE Recognition and M&E - hiring of consultant and conduct of workshop	Consultant hired and workshop conducted	Moving target											
3. Financial Assistance for BDFEs (SAA to ROs)	BDFEs assisted thru the DENR field offices		1			1				1	1	100	
4. Conduct of cluster trainings on the CMEMP Database	No. of cluster trainings conducted	1	2			3		1	1		2	67	Presented in CARAGA for pilot testing last May 2-4, '18.
													Conducted database training/ roll-out last September 24-27, 2018 to relevant staff from the RFOs
5. CMEMP support and promotional materials development and production (e.g. coffee table book, AVP, and other CMEMP knowledge products)	Support materials developed, produced/purchased	Moving target											
6. Baseline study on Sedimentation and Pollution Load (for contracting)	Baseline study conducted at the end of 4th Qtr				1	1							
7. Digitization of biodiversity data - Hiring of encoders	Encoders hired	6	6			6	6	6			6	100	
B. Support to ROs on CMEMP Implementation (Downloading and partnership MOA)													
1. Conduct of Partnership Forum and Partners Recognition	event conducted	Moving target											

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		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
event													
2. Social Marketing Trainings for ROs, support to activities for the Flagship Campaigns implemented among the NIPAS MPA sites (SAA to ROs), and engagement/ partnership with Rare	NIPAS MPAs supported, trainings conducted, MOA signed	Moving target							2		2	100	
3. Hiring of additional Coastal Extension Officers at the field levels (SAA to ROs)	No. of CEOs hired	10				10		3	9		12	120	
4. Support to selected Pilot Sites - Oriental Mindoro, Kalamansig Island, etc.		1				1		1			1	100	
C. Commitments/Projects related to Coastal and Marine Management													
1. Conduct of management planning, consultation workshops, meetings, popularization activities (IEC) on the Philippine Rise and West Philippine Sea initiatives including the launching of the International Year of the Reef	No. of activities conducted	Moving target					3		2	2	7	100	
2. Expedition at the Philippine Rise and/or West Philippine Sea	Progress report submitted	Moving target						1			2	100	Philippine Rise Research Expedition: "Securing the Eastern Corridor: Understanding the resiliency of Reef Environments in the Philippine Rise Region (SECURE Philippine Rise)" - May 10 to May 27, 2018
3. Northern Philippine Sea Bioregion Project for Philippine Rise (Stakeholder's Workshop and Socio-Economic Profiling in NPS) - 3000	Project conducted at the end of 4th Qtr	Moving target											
4. Purchase of Remotely Operated Underwater Vehicle	No. of vehicles purchased	Moving target											Contract for the purchase of Remotely Operated Underwater Vehicle was already awarded to lone bidder
D. Capacity Building on Coastal and Marine Management													
1. Attendance to international trainings, conferences, fora and other learning events	Attendance to international events, reports submitted	Moving target											
2. Support to formal training on tropical marine ecosystems management	No. of DENR staff trained	Moving target											



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
3. Training on Damage Assessment, Response, Restoration and Monitoring of Natural Resources (DENR-USAID-NOAA)	Training conducted		1			1		1			1	100	Training on Damage Assessment, Response, Restoration and Monitoring of Natural Resources (DARRMNR) - April 16-21
4. DENR BMB-NOAA Partnership Summit	Event (summit) conducted		1			1			1		1	100	NIPAS MPA CAPACITY BUILDING SUMMIT 18-20 July 2018 at The Green Sun, Chino Roces, Makati City
II. Program/ Project Monitoring and Evaluation													
1. Conduct of CMEMP Consultation-Assessment Workshops (including the updating of the logical framework and development of M&E Plan, among others)	No. of Consultation-Assessment Workshops conducted	1	1		1	3	1		1	1	3	100	CMEMP Year Starter last 22-26 January
2. Monitoring and field validation of CMEMP implementation, including review of accomplishment reports submitted by ROs and other validation, coordination activities for related programs/projects on coastal and marine	No. of Monitoring activities conducted, No. of reports reviewed	Moving target											
III. Compliance to National and International/ Regional Commitment													
A. National and International/Regional Commitments													
1. Conduct of and attendance to national preparatory workshops, trainings, conferences, TWG Meetings, Re-echoing Workshop (e.g. DFA-related concerns, ASEAN, Ramsar, SSME, SSS, CBD, CMS, ICRI, APEC, AHP, EBSA, BBNJ, etc. )	No. of events organized/ attended	Moving target					5	1			6	100	
2. Attendance to International and Regional meetings, workshops, conferences, conventions and preparation of national reports for MEAs (e.g. CTI Working Group, TWG and TAG Regional Meetings, PH JMC-TIHPA, BIMP-EAGA Cluster Meeting, TIWS PAMB Meeting)	No. of workshops attended	Moving target					2	2	4	2	10	100	
3. Habitat Survey and IEC/CEPA activities in Palawan (Taytay and Cuyo Island), Marinduque and Cebu (Ponson Island)	No. of habitat surveys and CEPA/IEC activities conducted	4				4							



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PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2018 PHYSICAL PERFORMANCE TARGETS					2018 PHYSICAL ACCOMPLISHMENTS					VARIANCE	REMARKS
		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
4. Hosting of the 13th JMC-TIHPA Meeting (including pre-meetings, actual and post-meetings)	No. of Meetings conducted	Moving target					1		1		2	100	
5. Regular Operations of the National CTI Coordinating Committee (including maintenance of CT Atlas) - Planning Workshop on the results of the Review of the CTI National Plan of Action and Updating of the NPOA	No. of events conducted	3	3	3	2	11	2	4	2		8	73	
6. 14th CTI-CFF Senior Officials Meeting (SOM 14) and 7th Ministerial Meeting (MM7) - including preparatory and post meetings including CTI-CFF writeshop	SOM14 and MM17 conducted				1	1				1	1	100	
IV. Social Mobilization and Development/ Implementation													
1. Conduct of Month of the Ocean/IYOR celebration activities	Activities conducted		1			1	2	3			5	500	
2. Conduct of CT Day activities (Nature-based tourism theme)	Activities conducted		1			1		2			2	200	
3. Conduct of ICC (with Marine Debris-related activities)	Activities conducted			1		1			1		1	100	
4. Production of Support Materials for the celebration of Month of the Ocean, CT Day, ICC, and for TIHPA popularization (marine turtles and dugongs)	Materials produced and disseminated	Moving target											
V. Program Management Support													
A. Hiring of Staff													
1. Database Management Specialist/Officer	Staff hired	1	1	1	1	1	1	1	1		3	100	
2. Assistant Project Coordinator	Staff hired	1	1	1	1	1	1	1	1		3	100	
3. GIS Specialist	Staff hired	1	1	1	1	1	1	1	1		3	100	
4. IEC Officer	Staff hired	1	1	1	1	1	1	1	1		3	100	
5. Monitoring Officer	Staff hired	1	1	2	2	2	1	1			2	50	
6. Environment Management Specialist	Staff hired	2	2	2	2	2	2	2	2		6	100	
7. Project Operations Control Officer	Staff hired	1	1	1	1	1	1	1	1		3	100	
8. Financial Management Officer - assigned at Accounting	Staff hired	1	1	1	1	1	1	1	1		3	100	
9. Budget Data Management Assistant - assigned at Budget	Staff hired	1	1	1	1	1	1	1	1		3	100	
10. Procurement Officer - assigned at Property/BAC Office	Staff hired	1	1	1	1	1	1	1	1		3	100	
11. Administrative Assistant	Staff hired	2	2	2	2	2	2	2	2		6	100	

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		Q1	Q2	Q3	Q4	TOTAL	Q1	Q2	Q3	Q4	TOTAL		
12. Diver	Staff hired	1	1	1	1	1	1	1	1		3	100	
13. Driver/Messenger		2	2	2	2	2	2	2	2		6	100	

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