



Republic of the Philippines
Department of Environment and Natural Resources
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE
MIMAROPA Region

SEP 30 2022

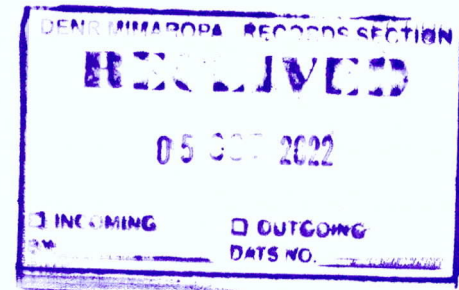
MEMORANDUM

FOR : The Regional Executive Director
1515 L&S Bldg., Roxas Blvd.,
Ermita, Manila

THRU : The ARD for Technical Services

FROM : The PENR Officer

SUBJECT : QUARTERLY MONITORING REPORT IN MANAGEMENT
OF COASTAL AND MARINE RESOURCES/AREAS WITHIN
THE ADMINISTRATIVE JURISDICTION OF PENRO
OCCIDENTAL MINDORO COVERING THE 3RD QUARTER
OF CY 2022



Respectfully submitted is the quarterly monitoring report of Management of Coastal and Marine Resources/Areas within the jurisdiction of PENRO Occidental Mindoro.

Attached is the consolidated tabulated report with its annexes.

For your information and record.


ERNESTO E. TAÑADA

cc: Planning Section
File

TEMPLATE ON THE QUARTERLY MONITORING OF ACCOMPLISHMENTS ON COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM (CMEMP)
 DENR MIMAROPA REGION CY 2022
 THIRD QUARTER ACCOMPLISHMENT REPORT

OCCIDENTAL MINDORO

CMEMP Component	Performance Indicator	Location/Office (PENRO/Region)	FY 2022 Target		Accomplishment	% Accomplishment		Financial Accomplishment			Remarks
			Annual Target	Target Quarter		Annual	3rd Qtr	Alloted	Obligated	Disbursed	
Coastal and Marine Ecosystems Rehabilitation Sub-Program								2652	1419,935	1295	
Management of Coastal and Marine Resources/Areas											
MPA Management, Strengthening, and Networking											
a. Monitoring of corals, mangroves, and seagrass per PA											
					Accomplished per MOV/Memo dated August 24, 2022, transmitted by PENRO to Regional Office on August 31, 2022.						
					Brief Summary: The estimate for hard coral cover (HCC) in Apo Reef Natural Park this year is 10.41%, which is under HCC Category D. This HCC is much lower than the estimates in the West Philippine Sea (WPS) Bioregion and entire Philippines. To add, coral recovery in most monitoring stations were found to be slow if not inevident. With these findings, among the recommendations is to strengthen the lin kage with marine scientist for the possible solutions in the active rehabilitation of the reef and capacitation of PAMO Staff. While communities of reef-associated fishes and macroinvertebrates have been fairly the same since 2017, scaling up of law enforcement - which we can do more effectively with additional watercrafts and manpower - to reduce the anthropogenic disturbances which affects macroinvertebrates and reef fish communities, is also advised.						
	Q1-Q2 : assessment conducted, data gathered Q2-Q3 : analysis and report writing Q4 : consolidated report per PA submitted to Region for inclusion to annual report	Total Area of Corals: OcMin - 6,357.732 ha									
Apo Reef Natural Park (ARNP)	6,357,732 hectares (based on ground truthing)	Sablayan, OcMin (CENRO Sablayan)	1	Q1-Q4		100%	100%	165	76	76	Analysis/Result Report

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Mangroves	Q1-Q2 : assessment conducted, data gathered Q2-Q3 : analysis and report writing Q4 : consolidated report per PA submitted to Region for inclusion to annual report	Total Area of Mangroves: OccMin - 9,538 ha			Accomplished per MOV/Memo dated June 29, 2022, transmitted by PENRO to Regional Office on July 11, 2022. Brief Summary: The field surveys were conducted at Apo Island, ARNP from March 16 to 17, 2022 and June 10, 2022 with twelve 100 m ² plots within the island. The mangrove forest remains to be in excellent condition based on the criteria set in BMB Technical Bulletin 2017-05.						
Apo Reef Natural Park (ARNP)	9,538 hectares (based on ground truthing)	Sablayan, OccMin (CENRO Sablayan)	1	Q1-Q4	Accomplished per MOV/Memo dated August 8, 2022, transmitted by PENRO to Regional Office on August 12, 2022. Brief Summary: The Water Quality Monitoring Preliminary Report of ARNP-PAMO for first semester includes the result s of the laboratory analyses of samples collected and transported to the EMB Calapan Satellite Laboratory on May 23, 2022. The Class SA standard for most of the parameters measured were met except for oil and grease and fecal coliform count. Particularly, three of the seven stations failed the Class SA standard for fecal coliform count and all stations failed the set standard for oil and grease.	100%	100%	165	32	32	Analysis/Result Report
b. Water Quality Monitoring within Legislated NIPAS PA/Total Actual pollution load on coastal and marine ecosystems within PA	PAS assessed/monitored on water quality parameters										
Apo Reef Natural Park (ARNP)		Sablayan, OccMin (CENRO Sablayan)	1 (2 reports)	Q2-Q3	Accomplished per MOV/Memo dated September 23, 2022 transmitted by PENRO to Regional Office on September 28, 2022.	100%	50%	100	45	45	Analysis/Result Report for 1st Semester Monitoring Activity
c. Maintenance and protection of coastal and marine ecosystems (e.g. reduction of threats and pressures identified, enforcement, etc.)						100%	100%				3rd quarter accomplishment report

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c.1 Patrolling	No. of sites patrolled with kilometers covered (and its equivalent estimates in hectares as applicable)	OccMin - 15,799 ha			Two groups of fisherfolks were facing criminal charges filed by ARNP-PAMO this year. The first one includes Orsing E. Melgar, Roger Arnel E. Ancu, and Arnel A. Gequillo. These individuals were found guilty beyond reasonable doubt of the crime charged in Criminal Case No. 6521. Currently, they are detained at the Occidental Mindoro Provincial Jail. The other group is comprised of Darwin I. Arabis, Jeto P. Agbo, Jerick Agbo, and Jorven Trangela who were apprehended early this year. On August 18, 2022, Darwin I. Arabis and Jeto P. Agbo were acquitted of the crimes they were charged in Criminal Case No. 6572 and Criminal Case 6573. All their confiscated fishing paraphernalia were returned on September 20, 2022.						
Apo Reef Natural Park (ARNP)	15,799 hectares	Sablayan, OccMin (CENRO Sablayan)	1	Q1-Q4		100%	100%	200	182	182	
c.2 Conduct of regular habitat surveys											
Apo Reef Natural Park (ARNP)	No. of habitats surveyed with pressures and threats identified	Sablayan, OccMin (CENRO Sablayan)	1	Q1-Q4	Brief Summary: 195 crawls have been recorded along the sandy beach of Apo Island from January 1, 2022 to September 20, 2022. These crawls were from two identified nesting species: Green turtles (<i>Chelonia mydas</i>) and Hawksbill (<i>Eretmochelys imbricata</i>). only 34 crawls are considered nesting emergencies. five individuals have been tagged to date. Three Green Turtles and other two Hawksbill turtles (PH141K & PH142K)	100%	100%	100	69	69	
c.3 Repair and maintenance of equipment (boats, gears, signages, buoys, camera, monitoring tool/equipment, etc.)	No. of equipment maintained/repair (boat, gears, signages, buoys, camera, monitoring tool/equipment etc.)				Brief summary: most of equipment and facilities of the PA still need to be repaired or repaired.						
Apo Reef Natural Park (ARNP)		Sablayan, OccMin (CENRO Sablayan)	46	Q1-Q4	needs to be repaired	100%	100%	300	166	166	
	patrol boats (26 footer and 30 footer)										
	2 marine base radio										
	10 sets dive gears										
	30 dive tanks										
	1 outrigger boat				several parts of the Mbca Jerlyn were replaced during the fuel filter, cross joint, and PT pump, and its alternator was repaired.						

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CWMMP Component	Performance Indicator	Location/Office (PENRO/Region)	FY 2022 Target		Accomplishment	% Accomplishment			Remarks		
			Annual Target	Target Quarter		Annual	3rd Qtr	Allocated		Obligated	Disbursed
c. 4 Conduct of Direct Activities											
1 spotter boat											
Apo Reef Natural Park (ARNP)		Sablayan, OccMIn (CENRO Sablayan)	4	Q1-Q4		100%	100%	100	65	65	
	Coastal Clean up		1	Q1-Q4	Brief Summary: Coastal clean-up activities are regularly conducted in Apo Island by management staff. 66 sacks of marine litter were collected from mid-June to late August 2022. To date, 140 sacks of mixed marine litter and 150 kilograms of derelict fishing gears have collected within Apo Island. All of these were transported back to mainland Sablayan for proper disposal. In preparation for the increased nesting activity of sea turtles, larger debris like drift lumber were also removed from the sandy beach. This was done on September 17, 2022 to increase the nesting success of sea turtles in the island. A total of 10 drift lumber were successfully removed from the beach during the activity						
	COT monitoring and clean up		1	Q1-Q4	This quarter, the four transect swim (Bahura 10, Binangaan, San Antonio, and Parolang Pulo) sites were surveyed on August 9 to 10, 2022. CoTs were only recorded in two sites: Parolang Pulo (1 individual) and San Antonio (2 individuals). Although these numbers are low and massive feeding scars were not observed along the belt transects,thorough searches in the sites are needed in order to acquire more reliable data on CoTs density which may be compared against existing CoTs outbreak thresholds.	100%	100%				
	Coral bleaching monitoring		1	Q1-Q4	No bleaching of corals were recorded.	100%	100%				

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	Assessment of installed ARMS		1	Q1-Q4	Nine units of Autonomous Reef Monitoring Structures (ARMS) were installed in Apo Reef Natural Park in 2017. The installation is a part of the research collaboration between DENR-BMB and Smithsonian Institution which aims to utilize ARMS in assessing marine cryptofauna biodiversity across geographical and anthropogenic impact gradients in the Philippines. The ARNP-PAMO has been monitoring these structures since its deployment. The ARMS in Binangaan and Ego Wall were monitored again on June 18, 2022. During the monitoring activity, seven units of ARMS were found to be intact in their original locations. One of the three ARMS units that were deployed in Ego Wall was lost possibly from strong wave action. Meanwhile the other one was only displaced to the front of the Ranger's Kiosk.	100%	100%						
Technical Assistance on ICM													
a. TA to LGUs on coastal and marine related concerns	LGUs/NGOs/Stakeholders Assisted assessment of ICM Plans	Occidental Mindoro	1	Q1-Q4	Accomplished per MOV/Memo dated August 24, 2022, transmitted by PENRO to Regional Office on August 31, 2022. Brief Summary: The CENRO Sablayan conducted an orientation to some LGU Sablayan personnel especially those that are involved in the drafting/updating of their Comprehensive Land Use Plan (CLUP) and Integrated Coastal and Marine Resources Management (ICM) Plan. This activity was also attended by DENR PENRO and CENRO Sablayan personnel.			150				Accomplishment report	
b. TA on MPA Networking for LGU managed MPAs	No. of MPAN member LGUs assisted with name of MPAN (LGU-LGU) included in the MPAN roadmap							400	201	92			

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Social Marketing and Mobilization/Communication, Education and Public Awareness (CEPA)	Special events related to coastal and marine protection conservation and management report submitted	Sablayan Calintaan (SaCa) MPAN	1	Q1-Q4	Accomplished per MOV/Memo dated July 20, 2022 , transmitted by PENRO to Regional Office on July 29, 2022. Brief Summary: Second Qaurter Executive Committee Meeting of Sablayan-Calintaan Marine Protected Area Network held on July 15, 2022 at Camalig, Restaurant, Brgy. Buenavista, Sablayan, Occidental Mindoro.						accomplishment report
			1	Q1-Q4	The CENRO Sablayan requested the copy of result for reef check conducted for the municipalities of Looc and Lubang Last April 2022, these data will form part of the report that will be submitted to the Biodiversity Management Bureau.						Copy of letter sent dated June 13, 2022, to Provincial Governor's Office
								100	15	12	
a. Conduct of Regular Special Events related to coastal and marine protection, conservation and management	Month of the Ocean (May)	Occidental Mindoro	1	Q2	Accomplished per MOV/Memo dated May 23, 2022 (PENRO Occidental Mindoro) , June 01, 2022 (CENRO San Jose) June 13, 2022 (CENRO Sablayan) , transmitted by PENRO to Regional Office on June 24, 2022.	100%	100%				
			1	Q2	ARNP-PAMO posted a IEC material on FB dated June 9, 2022	100%	100%				
			1	Q2	PENRO Occidental Mindoro conducted Coastal Clean-Up in Brgy. Payompon, Mamburao, Occidental Mindoro. Reort isfor submission.	100%	100%				
			1	Q3	PENRO Occidental Mindoro conducted Coastal Clean-Up in Brgy. Payompon, Mamburao, Occidental Mindoro last September 16, 2022. Report is for submision.	100%	100%				Photodocumentation uploaded in google drive

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Monitoring and Evaluation													
a. Regular monitoring and validation of all activities including on CMEMP	Quarterly monitoring activities conducted	Occidental Mindoro	4	Q1-Q4	Quarterly report submitted (2nd Quarter- Memo dated June 30, 2022) using the prescribed format	100%	100%	244	193	180			
Hiring of CMEMP Extension Officers	No. of Coastal Extension Officers hired	ARNP	1	Q1-Q4	Accomplished per MOV/Memo dated August 2, 2022, transmitted by PENRO to Regional Office on August 8, 2022 (month of July); September 5, 2022 , transmitted by PENRO to Regional Office on September 15, 2022 (month of August). CMEMP EO hired: Hugo Ignacio G. Salvador	100%	100%	268	147	147		Accomplishment report	
Hiring of Boat Captain	No. of boat captain hired	ARNP	2	Q1-Q4	Accomplished per MOV/Memo dated August 2, 2022, transmitted by PENRO to Regional Office on August 8, 2022 (month of July); September 5, 2022 , transmitted by PENRO to Regional Office on September 15, 2022 (month of August); Boat Captains hired: Romel M. Pacaul; Mark Dennis M. Barretto	100%	100%	360	230	230		Accomplishment report	
Other Activities													

Prepared by:

Reviewed by:

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ERNESTO E. TAÑADA
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