



Republic of the Philippines

**Department of Environment and Natural Resources, Region 10**

Puntod, Cagayan de Oro City

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**MEMORANDUM FOR THE SECRETARY**

**THRU : The Undersecretary for Field Operations - Mindanao**  
DENR, Visayas Avenue, Diliman, Quezon City

**ATTN : The Director**  
Biodiversity Management Bureau (BMB)  
NAPWC, Quezon Ave., Diliman, Quezon City

**The Chief**  
Coastal and Marine Division

**FROM : The Regional Executive Director**

**SUBJECT : SUBMISSION OF CY 2023 2<sup>ND</sup> QUARTER  
ACCOMPLISHMENT REPORT ON COASTAL AND  
MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
(CMEMP) IMPLEMENTATION OF REGION X**

**DATE : JUL 07 2023**

**RECEIVED FOR MAILING**  
Date: 7/7/23 Time: 2:55  
Records Unit, DENR 10  
By: *Ma. Theresa Migallon*

Respectfully submitting the abovementioned report highlighting the following activities implemented per component under CMEMP, to wit:

**A. Marine Protected Area (MPA) Management, Strengthening, and Networking**

- Coral and seagrass monitoring in Initao Libertad Protected Landscape and Seascape (ILPLS) and Baliangao Protected Landscape and Seascape (BPLS), and mangrove zoning and assessment in BPLS;
- Initial analysis of habitat monitoring and assessment in ILPLS and BPLS;
- Water Quality Monitoring for dry season in ILPLS and BPLS;
- Consultation meetings with PLGU Misamis Oriental and concerned MLGUs for the Eastern Iligan Bay MPA Network (EIB MPAN) of Misamis Oriental, and skills enhancement activity on enforcement, network regular meetings, and joint activities in Danao Bay MPA Network; and
- Patrolling, direct activities such as CEPA, coastal and underwater clean-up, coral bleaching assessment, maintenance of rehabilitated corals, and maintenance of equipment purchased under CMEMP funds in ILPLS, BPLS, and Regional Office.

	<b>RELEASED</b>
	<i>CDD-10, CREMS</i>
Signature: _____	<i>J.V. JUMAWID</i>
Name: _____	<i>J.V. JUMAWID</i>
Date: _____	<i>JUL 07 2023 3:20</i>



- World Ocean Day Celebration by Regional and Field Offices through hanging of tarpapel; coastal clean-up activities; and planting of mangrove propagules.

**G. Hiring of Program Extension Officers (PEOs)**

- Performance Evaluation of the three hired PEOs in the Regional Office, PENRO Misamis Oriental, and PENRO Misamis Occidental.

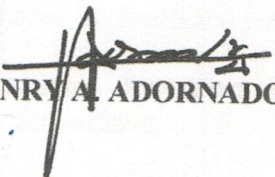
**H. Program Monitoring and Supervision**

- CMEMP Midyear Assessment on June 26-27, and 29, 2023;

**I. Other Accomplishment**

- Technical Working Committee Meeting on Giant Clam and Tarsier at ILPLS on April 20, 2023;
- Seabirds CEPA Development and Orientation on April 25-28, 2023; and
- Re-orientation on the Adoptive, Monitoring, and Evaluation System to Cagayan de Oro City's coastal LGUs on May 9, 2023 for the sustainable implementation of the CDO Limpyo Dagat Initiative; and
- Blue Food Campaign and Environment Role Play Workshop on May 31, 2023.

For information and record.

  
HENRY A. ADORNADO, PhD

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

CMEMP COMPONENT	PERFORMANCE INDICATOR	OFFICE PENRO/ REGION	FY 2023 TARGET		ACCOMPLISHMENT	% Accomplishment	
			ANNUAL TARGET	Q1/ Q2/ Q3/ Q4 TARGET		ANNUAL	QTR
Marine Protected Area Management, Strengthening, and Networking							
a. Monitoring of Corals, Seagrass, and/or Mangrove	Hectarage of habitats per PA monitored	PENRO Misamis Oriental / Initao - Libertad Protected Landscape and Seascape (ILPLS)	-corals (76.57ha)  - seagrass (3.2 ha)	Q1- Q4	Conducted monitoring of seagrass and coral reefs within ILPLS on April 20 and May 12, 2023. For seagrass, still six seagrass species were identified: <i>Halodule pinifolia</i> , <i>Halodule ovalis</i> , <i>Cymodocea rotundata</i> , <i>Syringodium isoetifolium</i> , <i>Thalassia hemprichii</i> , and <i>Enhalus acoroides</i> . Results revealed 56.6% coral cover (HCC A) with 35 TAUs, meanwhile, an increase of 3.34% seagrass cover (from 42.15% in CY 2022 to 45.48%) was observed in the 1st semester. The seven blocks installed as monitoring stations for corals are still intact and visible. Dominant coral life-forms observed are tabulate, branching, and massive.	70%	100%
		PENRO Misamis Occidental / Baliangao Protected Landscape and Seascape (BPLS)	- corals (10.30ha)  - seagrass (122.41ha)		Conducted coral monitoring using the Photo Transect Method in BPLS on May 9, 2023 in the three coral monitoring stations established and seagrass assessment on May 9-11, 2023. Results will be reported in the 3rd quarter of CY 2023, in line with the	70%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

					CY 2023 Implementation Plan.		
		PENRO Misamis Occidental / BPLS			Conducted Mangrove Baseline Assessment in BPLS-PA on April 11-14, 2023 covering a total area 315.50 hectares. Observed animals include Avifauna, Mammals, Arthropods, Herpetofauna, and invertebrate species. Observed disturbance/s are cutting, other land use conversion, reclamation and tree disturbances such as debarking.	70%	100%
b. Water Quality Monitoring within Legislated NIPAS-PA	Number of PAs monitored on water quality parameters	PENRO Misamis Oriental / ILPLS	1	Q1-Q3	Conducted water quality monitoring and assessment for dry season on April 11-12 and 18-19, 2023 which revealed that seven out of the eight parameters met the water quality requirements for class SB water bodies using the HORIBA multi-parameter checker and laboratory analysis performed by the Environmental Management Bureau-10. Temperature in station 13 is 31°C which exceeds the standard for Class SA water bodies (26-30°C) pursuant to the DENR Administrative Order (DAO) 2016-08 and DAO 2021-19. Said result is due to the influence of depth (0.28 meters - shallow estuarine) and time of sampling (mid-day).	54%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Misamis Occidental /BPLS			Conducted the Water Quality Monitoring Assessment for Dry Season on March 30-31, 2023. Result of the monitoring disclosed that Sinian River 1 & 2 failed in Dissolved Oxygen; while Sinian River 1, SPZ 3 and MUZ 2 failed in Turbidity. Meanwhile, all stations in BPLS did not pass the fecal coliform standard.	54%	100%
c. Marine Protected Areas Networking (MPAN)	Number of MPAN established / strengthened / institutionalized / sustained	PENRO Misamis Oriental/IL PLS	1	Q1- Q4	Conducted consultation meeting with the Local Chief Executives (LCEs) and Provincial Governor comprising the Eastern Iligan Bay-Marine Protected Area Network (EIB MPAN) in the province of Misamis Oriental for the finalization of the MPAN Memorandum of Agreement (MOA) on June 2, 2023. Agreements reached of the meeting are: 1) issuance of Executive Order from the LGU creating the Technical Working Group for the MPAN at the municipal level; 2) issuance of Sangguniang Bayan Resolution authorizing the LCEs to sign into the MOA with the DENR; and 3) for the LGU members to allocate fund contribution for MPAN establishment and implementation for EIB MPAN.	56%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Misamis Occidental /BPLS	1	Q1- Q4	Conducted the 2nd Quarter Management Board Meeting of Danao Bay Marine Protected Area Network (DB-MPAN) on June 6, 2023. Agenda discussed are the presentation of the results of the actual survey of Polo-Pitogo Marine and Bird Sanctuary, ground truthed potential tourism areas in Danao Bay, and scheduling of the Joint Patrolling activity. Among the agreements reached of the meeting was to pass a resolution to federate all MPA Networks in the province.	63%	100%
					In addition, a skills enhancement training on MPAN was conducted on April 20, 2023 to the DB MPAN Management Body. Highlights of the topics focused on the basic and advance paralegal detection, apprehension, confiscation, filing of cases, and administrative adjudication. Salient feature is the discussion on the violations against environmental laws and penalties, particularly on mangrove conversion and cutting, garbage throwing in coastal and marine areas as well as the criminal liability of a person engaged in killing, trading and capturing wildlife.		

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

d. Maintenance and Protection	Number of response plan developed	-	-	-		-	-
	Number of sites surveyed with potential or existing pressures and threats identified per PA	PENRO Misamis Oriental /ILPLS	1	Q1- Q4	Conducted habitat survey through patrolling and underwater assessment on April 21 and May 12, 2023 covering 11.51 km within the Strict Protected and Multiple Use Zones, and its adjacent shoreline of ILPLS which revealed that coral bleaching cover decreased from 3.3% to 2.9%. Floating garbage was also observed in the PA.	50%	100%
		PENRO Misamis Occidental / BPLS	1	Q1- Q4	Conducted patrolling in BPLS with the Philippine Coast Guard on May 11, 2023, covering approximately 8.5 kilometers. No illegal entry by fisherfolk and illegal activities were observed within the NIPAS MPA.	50%	100%
	Number of equipment maintained/ repair	PENRO Misamis Oriental/ ILPLS	1	Q1- Q4	Conducted maintenance of diving equipments purchased/acquired under CMEMP on April 21 and May 12, 2023 through removing and cleaning by brushing of diving gear equipments (octopus, BCD valves, mask and snorkel).	50%	100%
		PENRO Misamis Occidental /BPLS	1	Q1- Q4	Conducted repair, maintenance and inventory of equipment purchased and acquired under CMEMP on May 12, 2023, comprising six (6) weight belts w/ stainless steel, two (2) BCDs, one (1) GoPro Hero 10 waterproof camera, two (2) wetsuit,	50%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

				two (2) spotting scope, two (2) SCUBA regulators with bag, five (5) lifeguard vest, 11 life jacket, four (4) diving snorkel, seven (7) diving mask, and two (2) unibox black. All equipment are in good condition.	
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**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		Regional Office	1	Q1-Q4	<p>Conducted maintenance of equipment on May 26, 2023 to ensure optimum equipment performance by leak check, cleaning of parts, and sorting of serviceable and unserviceable.</p> <p>There were 14 regulators (five are in good condition and nine are scheduled for repair per PR 2023-05-0285); 19 SCUBA tanks, 21 pairs of assorted sizes of booties, 11 pieces of assorted sizes wet suit, 12 pairs of fins (10 serviceable, 2 unserviceable), nine serviceable bouyancy control devices, nine (9) serviceable belts, 40 pieces weights/sinkers, two (2) dive computer (1 serviceable, 1 unserviceable), 11 transect tapes (5 serviceable , 6 unserviceable), forty-two (42) pieces life vests, four GPS, two (2) dive knife (1 serviceable, 1 unserviceable), two serviceable life bouys, six (6) underwater camera (2 serviceable, 4 unserviceable), one (1) serviceable SCUBA compressor, and one (1) serviceable generator set.</p>	50%	100%
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## PHYSICAL ACCOMPLISHMENT

	Number of PAs conducted with direct activities quarterly	PENRO Misamis Oriental/ ILPLS	1	Q1-Q4	Conducted coastal and underwater clean-up on April 21 and May 12, 2023 to remove the trash/garbage within the PA with the concerned LGUs, coastal communities, and resort owners, and conducted CEPA campaign about the importance of seagrass and corals ecosystems to encourage participants to stop throwing trash to the sea.	50%	100%
		PENRO Misamis Occidental / BPLS	1	Q1-Q4	Conducted coastal clean-up on May 11, 2023, in coordination with PENRO Misamis Occidental, Philippine CoastGuard, PNP-Maritime and LGU Baliangao. A total of 95 individuals participated the activity and collected a total of 52 kilograms of plastic bottles, foam and other non-biodegradable debris in a 1 kilometer area.	50%	100%
	Number of active rehabilitation conducted/maintained	PENRO Misamis Oriental/ ILPLS	1	Q1-Q4	Conducted coral rehabilitation site monitoring on April 21 and May 12, 2023 which revealed that a 0.8% decrease coral cover was observed in the rehabilitation site however, cover is categorically still in excellent category.	50%	100%
		PENRO Misamis Occidental /BPLS	1	Q1-Q4	Conducted monitoring of corals on May 9, 2023, but no report on analysis submitted.	50%	100%

## 2. Biodiversity- Friendly Social Enterprises (BDFE)

## PHYSICAL ACCOMPLISHMENT

a. Enterprise Enhancement	Number of POs with enterprise enhanced	Regional Office (Gimaylan Fisherfolk Association Incorporated; Tagoninao Fisherfolk Association; Tacub-Labasera Association)	3	Q1-Q3	Based on the results of the Appraisal activity conducted on February 28-March 3, 2023, the Regional Office will organize a training-workshop entitled "Organizational and Business Enhancement Training-Workshop for BDFE" to address the lacking technical knowledge and skills iterated in the report endorsed to BMB through Memorandum dated May 8, 2023, to wit;  1. Implementation of Information Education Campaign/Communication, Education and Public Awareness Initiatives; 2. Formulation of Vision, Mission and Goals of the Organization; 3. Acquisition of Legal Requirements; 4. Simple Bookkeeping and Financial Management; 5. Recording of Assets and Liabilities; and 6. Proposal Making for the availment of Financial Assistance.	60%	100%
<b>3. Capacity Building</b>							

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

a. Attendance to Enhancement Trainings on NIPAS MPA Capacity Building Program	Number of participants completing the scheduled annual training	Regional Office	2	Q1-Q4	Attendance of six personnel (Male-3; Female-3) (Regional Office-4; BPLS-1; ILPLS-1) to the NIPAS-MPA Capacity Building Program re: Sustainable Tourism on June 15-20, 2023 at Davao City;  Others: Attendance of Regional Office and Field Offices to the Green Fins Consultation and Updating by the BMB on April 25-28, 2023 via Zoom Online Platform	100%	100%
b. Hosting of the NIPAS MPA Capacity Building Training	Number of NIPAS MPAs capacity building program modules hosted	-	-	-	-	-	-
c. Conduct of Trainings for CMEMP Implementation Enhancement	Number of trainings conducted	Regional Office	1	Q2-Q4	Inventory of PA staff, regional technical staff and support staff with trainings attended as well as identification of staff to be involved in the training were conducted. A training on Geographic Information Systems is scheduled on August 29-30, 2023	20%	100%
<b>4. Technical Assistance</b>							
a. Mainstreaming of ICM to the CLUP of the Identified LGUs influencing the NIPAS MPAs	Number of LGUs provided with TA towards mainstreaming of ICM to their existing CLUPs	PENRO Misamis Oriental (Initao, Naawan, and Libertad)	3	Q1-Q4	A face-to-face consultation workshop was conducted by PENRO Misamis Oriental and CENRO Initao on May 16-17, 2023 with key personnel from the LGUs of Naawan, Initao and Libertad in which the result of the ENR profiling by the LGUs; lacking data on the geologic map, mineral location map, groundwater map, etc were	40%	100%



**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

					presented; and formulation of the vision and objectives of the LGU's CLUP was discussed. As of to date, TA provided are steps 1-5. However, it was agreed that in order to continue to the remaining steps, the DENR will invite representatives from the DILG and DHSUD in the succeeding meetings to provide insights and technical guidance on the remaining steps.		
		PENRO Misamis Occidental / CENRO Oroquieta City	2	Q1-Q4	<p>Conducted workshop with LGU Baliangao on March 27-31, 2023 in which the PENRO presented their comments, and recommendations on LGU Baliangao's CLUP draft Volume I, II, and III to their CLUP TWG members, consequently covering the eight (8) steps of the TB No. 2022-02 .</p> <p>Their inputs includes inputs to vision, ENR profile, ICM goals and objectives, success indicators, mapping resource assessment, watershed/river maps, Land and Water Use Policies of the LGU, spatial strategies, and policies on zoning. Subsequently, LGU Baliangao presented their initial output of the said Volumes on April 18, 2023 and June 2, 2023.</p>	92.5%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

					Document review on CLUP updating of LGU Plaridel and workshop covering Steps 4-6 of TB No. 2022-02 were conducted on April 3, 2023 and May 11, 2023, respectively. LGU Plaridel issued Executive Order No. MG-004 Series of 2023 including CENRO Oroquieta City as one of the members of the TWG.		
b. TA to LGUs on Coastal and Marine Related Concerns	Number of LGUs/ NGOs/ Stakeholders Assisted	Regional Office	2	Q1/ Q2/ Q3	Distributed 90 floating buoys and three 100-m nylon ropes to LGU Initao for the demarcation of Jampason, Gimangpang, and San Pedro MPAs. Further, a technical assistance was provided to Barangays Gimangpang and San Pedro through conduct of coastal and underwater clean-up, and coral survey and mapping on June 8-9, 2023 to assess the extent of the latter two MPAs. Provided Orientation on marine ecosystems conservation and mangrove planting procedure to 751 participants (20 faculty members and 731 college students) of Capitol University (CU) per CU's request on May 30, 2023.	95%	150%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Camiguin			Conducted Biophysical Assessment on Coral Reefs and Fish resources on April 12-13 and 18-19, 2023 in the MPAs of Kuguita, Baylao, Tupsan and White Island in the municipality of Mabajao per request of the concerned LGU. It was participated by 12 participants (male -8; female -4). A SCUBAsurero activity was also conducted in Mantigue Island Nature Park on April 3, 2023 per request of the Provincial LGU which was participated by 22 participants (male-18; female-4) and collected 104.55kg of trash.	100%	100%
C. TA on MPA Networking for LGU managed MPAs	Number of MPAN member LGUs assisted on MPAs Network in different levels of networking	PENRO Misamis Oriental/IL PLS	1	Q1-Q4	Conducted face-to-face consultation meeting with the Local Chief Executives covering the Macajalar Bay for the establishment of the MPAN on May 10, 2023 to present the draft MOA and Work Plan which resulted to the LGUs' commitment to support the establishment of Macajalar Bay MPAN through signing of a MOA and creation of a Technical Working Group (TWG).	40%	100%
		PENRO Misamis Oriental/CENRO Gingoog	1	Q1-Q4	CENRO Gingoog attended Gingoog Bay Alliance Executive Board and TWG Regular Meeting on April 26, 2023. Highlights of the meeting include the conduct of orientation that form part of the capacity building target and conduct	4%	2%

## PHYSICAL ACCOMPLISHMENT

## Knowledge Management



**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

a. Maintenance of database	Database updated/ maintained (no.)	Regional Office	1	Q1/ Q2/ Q3/ Q4	Updated website's plugins, printing of statistical status of unacted documents, updated map resources found in resources navigation tab, and added trash trap project navigation tab.	25%	100%
b. Feedbacking on the parameters or data needed thru meetings or in the established database group chat		Regional Office	1	Q1/ Q2/ Q3/ Q4	Exchange of updates to the group chat regarding the recent activities such as the Social Marketing, courtesy call photos with Mayor of El Salvador, communication letters to other agencies, and other events conducted.	25%	100%
<b>Social Marketing and Mobilization/ CEPA</b>							
a. Conduct of Regular Special Events related to Coastal and Marine Protection, Conservation, and Management	Number of Special events conducted with report submitted						
<b>Month of the Ocean (May 2023)</b>							
		Regional Office	4	Q2/ Q3	Conducted talk on the Month of the Ocean Celebration to the DENR RO personnel; Preparatory Meeting with the 12 Coastal Barangays Focal Persons and Event Coordinators; and Simultaneous Coastal Clean-up Activity. The latter was participated by 1,131 participants from	25%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

				coastal LGUs of Cagayan de Oro City, DENR, PCG, CLENRO, Fisherfolks from the BFAR, Pepsi Cola, Inc., DILG, Couples for Christ, DSWD, DPWH, BFAR, Personnal Collection Direct Selling, INC., PNP, PA, and DOT in which a total of 9,742.20 kilograms was collected in the coasts of Cagayan de Oro City. Further, the Mines and Geosciences Bureau (MGB) conducted Sea Games at Laguindingan Misamis Oriental, and a coastal clean-up was conducted at Brgy. Agusan, Cagayan de Oro.		
		PENRO Camiguin		Distributed 760 IEC materials to market/terminal/Mambajao NHS and municipal offices; conducted coastal clean-up along the coastlines of Pablacion and Mambajao, Camiguin which was participated by 50 participants from PhilHealth and the PENRO. Approximately 245.5 kg of garbage (25 sacks) were collected in a 537.95m distance. An IEC activity on climate change, solid waste management, DENR priority programs, and Tayo ang Kalikasan was held at Mambajao National High School, Balintawak St., Poblacion, Mambajao, Camiguin.		

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Misamis Oriental		Conducted a coastal clean-up at Zone 8, Brgy. Cugman, Cagayan de Oro City which was participated by 95 participants from LTO, youth organizations, PCG, MLGU Libertad, CLENRO, Kalipina, and Bantay Dagat. A total of 21 sacks of garbage weighing 952.5 kg was collected in a 0.198km distance.		
		CENRO Initao		Conducted coastal clean-up participated by 33 individuals and collected 27 sacks of waste weighing 316kg in a 0.05 km distance; Planting of 200 mangrove propagules at Maputi and Naawan Misamis Oriental; and IEC activity at CENRO Initao Office participated by 25 individuals from Initao College.		
		CENRO Gingoog city		Conducted CEPA Campaign on ocean and marine turtle conservation which was attended by 19 participants from Barangay Officials, Zone leader and fisherfolks of Brgy 19, Gingoog City; and planting of 1,200 mangrove propagules by 232 individuals from Gingoog City Colleges Inc. and the CENRO.		

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Lanao del Norte		Conducted planting of approximately 1,000 Bakauan species and coastal clean-up on May 25, 2023 at Brgy. Tagulo, Sultan Naga Dimaporo, Lanao del Norte, actively participated by 76 participants from the PCG, PNP, LGU-MENRO of Brgy Tagulo, MSU-Lanao del Norte Agricultural College, Women's Sector and Senior Citizens and the Youth Sector of Brgy. Tagulo in which 20 sacks of garbage was collected.		
		CENRO Iligan		Planted 300 mangrove propagules and conducted coastal clean-up at Bayug Island, Brgy. Hinaplanon, Iligan City ub which a total of 25 participants from the Bureau of Jail Management and Penology attended the activities and five sacks of garbage weighing 90 kg were collected.		
		CENRO Kolambugan		Conducted CEPA at Holy Cross High School, Poblacion, Kolambugan. Ninety-five students from Grades 11 and 12 attended the activity that discussed coastal ecosystems.		



**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		CENRO Oroquieta City		Planted 500 Rhizophora apiculata mangrove propagules at NGP site and discussed the importance of oceans, provides nutrition, medicines, food, and mineral and renewable energy resources and supports livelihood, tourism and science. on May 26, 2023 at Brgy. Panalsalan, Plaridel to the 55 participants from MLGU Plaridel, BLGU Panalsalan, PNP-Plaridel, BFP, PO-Panalsalan Coastal Livelihood Ass. Inc., Coconut Corp, USTP-Oroquieta and CENRO Oroquieta (ten seniors and six are youth). A CEPA on on marine life and coastal resources, and the life cycle of marine turtles was also conducted to 37 Grade 12 students at the School of Saint John the Baptist, Jimenez, Misamis Occidental on May 19, 2023. The coastal clean-up on May 11, 2023 at Baliangao PLS, Brgy. Misom, Baliangao, Misamis Occidental was participated by 100 participants (45-males, 55-females) who collected a total of 15 sacks of trash weighing 35 kg.		
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**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		CENRO Ozamiz City			Conducted coastal clean-up on May 4 & May 20, 2023 at Brgy. Mialen, Clarin, Misamis Occidental with 66 participants (44 males and 22 females) from PNP-Maritime Group, DepEd Clarin, PDRRMO, BLGU Mialen, PENRO Misamis Occidental, PCG, CENRO Ozamiz City, and La Salle University – Ozamiz City Campus collecting 15 sacks of garbage weighing 100 kg. Planted 1,000 mangrove propagules of <i>Rhizophora</i> sp on May 27, 2023 at Brgy. Dela Paz, Clarin, Misamis Occidental by 66 participants from La Salle University – Ozamiz City Campus and BLGU Dela Paz. Lastly, a CEPA was conducted on May 13, 2023 at Brgy. Fertig Hills, Tangub City, Misamis Occidental, participated by the local community of BLGU Fertig Hills.		
<b>World Oceans Day (June 8, 2023)</b>							

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		Regional Office			<p>Conducted Simultaneous Coastal Clean-up and Turn-over of the DENR MPA buoys to LGU Initao held in Barangays Gimampang and San Pedro, Misamis Oriental. The Simultaneous Coastal Clean-up was participated by 84 individuals (61 males and 23 females) from PCG, LGU Initao, KUSGAN Volunteers, Inc., and Philippine National Police - Initao; and collected a total of 18 sacks with an estimated weight of 79kg of trash in a 1.75km distance. Most trash collected are plastic bottles, shampoo/sachets, food wrappers, and used clothing. Meanwhile, a total of 60 MPA buoys (30-12 inches and 30-10 inches), and one roll of fishing rope (100 meters) were formally handed by RED Adornado to the LGU Initao. Finally, a Commitment pledge signing was also conducted. All stakeholders witnessing the Event inked their signature on the "Stakeholders Environment Pledge" to symbolize their commitment to protect the coastal and marine environment.</p>	25%	100%
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**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Camiguin			Conducted coastal clean-up activity at Barangay Poblacion, Catarman, Camiguin., participated by 50 individuals (31 females and 19 males) and collected 283.75kg in a 0.75 km distance.		
		PENRO Misamis Oriental			Conducted coastal clean-up at Brgy. 16 and 24 of Gingoog City participated by 43 individuals (58% males and 42% females) which collected a total of 10 sacks of trash weighing 135.6 kg in a 470m distance.		
		CENRO Initao			Conducted a coastal clean-up activity totalling to 52 participants (31 males and 21 females) which collected 24 sacks weighing 180 kilos of plastic waste. IEC engaged the same participants on learning the importance of the ocean and impact of the human activities on its resources, and emphasized the importance of community involvement in preserving the environment.		
		CENRO Oroquieta City			Conducted an IEC campaign at Brgy. Poblacion I, Oroquieta City, Misamis Occidental, participated by 70 participants (42 Female & 28 Male) that collected 22 trash sacks/bags weighing 220 kg of different solid waste in a 250m distance.		



**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		PENRO Lanao Del Norte			Conducted an IEC campaign at Kawit Oriental Integrated School, Kauswagan, Lanao Del Norte on the importance of the Ocean in our daily lives and their significant role as the next generation and future of our country. There were a total of 61 participants (33 females and 28 males) coming from Grade 5 & Grade 6 of Kawit Oriental Integrated School.		
		CENRO Iligan City			Planted 300 mangrove propagules and coastal clean-up at Bayug Island, Brgy. Hinaplanon, Iligan City in which 25 participants from the Bureau of Jail Management and Penology (BJMP) attended and collected five sacks of garbage weighing 90kg.		
		CENRO Kolambugan			Conducted IEC to 95 Grade 11 and 12 students of Holy Cross High School, Poblacion, Kolambugan. on coastal ecosystems..		
<b>Coral Triangle Day (June 9, 2023)</b>							
		Regional Office			Conducted IEC activity on coastal clean-up attended by 21 participants (male-18; female-6) from LGU Initao and PCG in which a total of 5.2 kg of trash was collected from a depth of 30-40 meters.	25%	100%

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

		CENRO Oroquieta City			Conducted coastal clean-up and IEC activities attended by 39 participants (27 Female & 12 Male) in Mount Carmel High School of Baliangao, Misamis Occidental on the role of coral reefs to protect coastal areas and spawning and feeding areas for young fish;		
		CENRO Ozamiz City			Planted 2,400 <i>Rhizophora mucronate</i> propagules with 76 participants (male - 44; 22 - female).		
		PENRO Misamis Occidental /BPLS			Conducted underwater clean-up at Luwak Pasil, BPLS participated by a total of five (male-3; female -2) participants and collected five kilos of trash;		

## PHYSICAL ACCOMPLISHMENT

## Program Mobilization/ Operationalization

a. Hiring of CMEMP Extension Officers (CEO)	Number of Coastal Extension Officers hired to include database encoder	Regional Office, PENRO Misamis Oriental, and PENRO Misamis Occidental	3	Q1-Q4	PENRO Misamis Oriental and Misamis Occidental submitted CEO's 1st semester Performance Evaluation.	100%	100%
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## Program Monitoring and Supervision

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

Conducted the Midyear Assessment on June 26-27 and 29, 2023		Regional Office			A total of 20 participants from PENRO Camiguin (2) female and (1) male; PENRO Misamis Oriental (2) female and (1) male; PENRO Lanao del Norte (1) male; PENRO Misamis Occidental (2) female and (3) male; and DENR X (6) female and (2) male attended the meeting in order to evaluate the CMEMP accomplishments as of June 2023.		
<b>Other Accomplishments</b>							
Attended the Technical Working Committee Meeting on April 20, 2023		Regional Office			<p>The meeting's two main agenda were to discuss the Giant Clam Population and Tarsier Population Assessment with participants are from PAMO ILPLS, Academe, BFAR, and the DENR Regional Office. Agreed actions to take by the TWC are as follows:</p> <ol style="list-style-type: none"> <li>1. Inventory of Giant Clam, conduct of delineation of the Giant Clam area; conduct of survey of existing dead and alive Giant Clams;</li> <li>2. Conduct of IEC on Clams during the barangay assembly;</li> <li>3. Planning and preparation of Giant Clam Conservation Project Proposal; and</li> <li>4. To assist the UP during their tarsier assessment in ILPLS to post evaluate the tarsier population.</li> </ol>		

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

Participated in the Seabirds CEPA Development Orientation on April 25-28, 2023		Regional Office			One CFRMS personnel attended the orientation which highlighted the development of a CEPA strategy for the Seabirds in the Philippines and gather inputs on effective approaches that can be translated into doable CEPA actions for seabirds.		
Conducted the sustainable implementation of the CDO Limpyo Dagat Initiative - Re-orientation on the Adoptive, Monitoring, and Evaluation System (AMES) on May 9, 2023		Regional Office			A total of 50 participants from selected DENR Personnel, CRFMS Personnel, and representatives from each coastal barangay Local Government Unit, DoT, DILG, DWSD, PCG, PNP, DPWH, 4th ID Philippine Army, and BFAR, attended the event for the submission of coastal-related activities through the AMES.		
On May 31, 2023, the CRFMS conducted the Blue Food Campaign and Environment Role Play Workshop		Regional Office			The activity highlights the importance of marine resources that include seafood supplies, oil and gas, minerals, sand and gravel, renewable energy resources, tourism potential, and marine ecosystems like coral reefs, seagrass, and mangroves that are significant to human life and how to protect them. As such, a lecture and role play workshop on the important roles of parents and students in the protection of the marine environment was conducted. A total of 50 residents from Lapasan, including the trash trap		

**COASTAL AND MARINE ECOSYSTEMS MANAGEMENT PROGRAM  
SECOND QUARTER ACCOMPLISHMENT  
FOR CY 2023**

**PHYSICAL ACCOMPLISHMENT**

					caretakers, and 52 students from Lapasan National High School attended the Campaign. The trash trap caretakers were particularly invited in order to emphasize their role as caretakers of the DENR Trash Trap.		
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## FINANCIAL QUARTERLY REPORT

CMEMP Component	Allotment	Q1/Q2/Q3/Q4 Target	% Accomplishment
<b>Marine Protected Area Management, Strengthening, and Networking</b>		<b>Q1-Q4</b>	
a. Monitoring of Corals, Seagrass, and/or Mangrove	825,000.00	Q1-Q4	58%
b. Water Quality Monitoring within Legislated NIPAS PA	200,000.00	Q1-Q4	57%
c. Marine Protected Areas Networking	600,000.00	Q1-Q4	64%
d. Maintenance and Protection	900,000.00	Q1-Q4	34%
<b>Biodiversity- Friendly Social Enterprises</b>		<b>Q1-Q4</b>	
a. Enterprise Enhancement	380,000.00	Q1-Q3	44%
b. Financial Assistance	-	-	
<b>Capacity Building</b>		<b>Q1-Q4</b>	
a. Attendance to Enhancement Trainings on NIPAS MPA Capacity Building	120,000.00	Q1-Q4	39%
b. Hosting of the NIPAS MPA Capacity Building Training	-	-	
c. Conduct of Trainings for CMEMP Implementation Enhancement	200,000.00	Q3	25%
<b>Technical Assistance</b>		<b>Q1-Q3</b>	
a. Mainstreaming of ICM to the CLUP of the Identified LGUs influencing the	213,000.00	Q1-Q3	65%
b. TA to LGUs on Coastal and Marine Related Concerns	300,000.00	Q1-Q4	24%
c. TA on MPA Networking for LGU managed MPAs	300,000.00	Q1-Q3	38%
<b>Knowledge Management</b>		<b>Q1-Q4</b>	
a. Maintenance of database and CMEMP website	322,000.00	Q1-Q4	15.22%
b. Feedbacking on the parameters or data needed thru meetings or in the	-	Q1-Q4	
c. Attendance to Regular Orientation / Trainings related to Database updating	-	-	
<b>Social Marketing and Mobilization/ CEPA</b>			
a. Conduct of Midterm KAP	-	-	
b. Conduct of KAP Baseline	-	-	
c. Conduct of Regular Special Events related to Coastal and Marine Protection,	170,000.00		65%
d. Greenfins Implementation within Demonstration Sites of Pilot Regions (Regions	-	-	
<b>Program Mobilization/ Operationalization</b>		<b>Q1-Q4</b>	
a. Hiring of CMEMP Extension Officers	972,000.00	Q1-Q4	49%
b. Hiring of Boat Captain and/or Crews	-	-	-
<b>PMS</b>		<b>Q1-Q4</b>	

## COMPLIANCE TO GAA AND PDP QUARTERLY REPORT

### MPAN

NAME OF MPAN	SITES COVERED	2022 ACCOMP	2023 ACCOMP	2023 TARGETS	2024 TARGETS	2025 TARGETS
Camiguin-wide MPAN	Catarman, Mahinog, Sagay, Guinsiliban, Mambajao	Strengthened	Strengthened	Sustained	Sustained	Sustained
Danao Bay MPAN	Plaridel, Baliangao	Established	Established	Strengthened	Sustained	Sustained
IBAMO MPAN	Tudela, Sinacaban, Jimenez, Panaon, Aloran, Oroquieta City, Lopez Jaena, Plaridel	Established	Established	Strengthened	Strengthened	Strengthened
Gingoog Bay MPAN	Balingoan, Talisayan, Medina, Gingoog, Magsaysay	Strengthened	Strengthened	Sustained	Sustained	Sustained
Panguil Bay MPAN	Clarín, Ozamiz City, Tangub City, Bonifacio, Tambulig, Aurora, Kapatagan, Lala, Baroy, Tubod, Kolambugan, Maigo	Pre-planning and MPAN designing activities	Pre-planning and MPAN designing activities	Established	Established	Strengthened
Macajalar Bay MPAN	Laguindingan, Alubijid, El Salvador City, Opol, Tagoloan, Jasaan, Villanueva, Balingasag, Lagonglong, Salay, Kinoguitan, Binuangan, Cagayan de Oro City,	Pre-planning and MPAN designing activities	Formal network establishment	Established	Established	Strengthened
Eastern Iligan Bay of Lanao del Norte	Maigo, Kauswagan, Iligan City, Linamon, Bacoled	Pre-planning and MPAN designing activities	Formal network establishment	Strengthened	Strengthened	Sustained
Eastern Iligan Bay of Misamis Oriental	Lugait, Manticao, Naawan, Initao, Libertad, Gitagum, Laguindingan	Pre-planning and MPAN designing activities	Formal network establishment	Established	Established	Strengthened

MPAN NAME	ACTIVITIES CONDUCTED
Eastern Iligan Bay for Misamis Oriental MPA Network	2nd Quarter consultation meeting re: Establishment of the Marine Protected Area Networking for Eastern Iligan Bay of Misamis Oriental on June 2, 2023.
Macajalar Bay MPA Network	2nd Quarter consultation meeting through per Office visitation for the Establishment of Macajalar Bay Marine Protected Area Network on May 10, 26, and 30, 2023.
Danao Bay MPA Network	PENRO Misamis Occidental conducted Coordination Meeting in preparation of the Ground Truthing of the Identified Potential Sites for Ecotourism and conduct of Joint Patrolling within Danao Bay on March 16, 2023; conducted the 2nd Management Board Meeting on June 6, 2023; and undertaken the Coastal and Marine Law Enforcement Training on April 20, 2023

### HABITAT CONDITIONS

CORAL HABITAT CONDITION
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PROTECTED AREA	TOTAL AREA MONITORED	CORAL REEF % HCC	CATEGORY AS OF 2ND QTR CY 2023	REMARKS
Baliangao Protected Landscape and Seascape	10.3 ha	-	-	Conducted 2nd quarter monitoring on May 9, 2023 and reported to submit the CPCE report on the 3rd quarter consistent with the CY 2023 Implementation Plan.
Initao-Libertad Protected Landscape and Seascape	76.57 ha		-	Conducted 2nd quarter monitoring on April 20 and May 12, 2023. Report shall be submitted by the 3rd quarter consistent with the CY 2023 Implementation Plan.

PROTECTED AREA	SEAGRASS HABITAT CONDITION			
	TOTAL AREA MONITORED	SEAGRASS % COVER	CATEGORY AS OF 2nd Q CY 2023	REMARKS
Baliangao Protected Landscape and Seascape	122.41 ha	60.91	Good	Conducted 2nd quarter monitoring on May 9-11, 2023 and reported to incorporate the complete analysis on the 3rd quarter consistent with the CY 2023 Implementation Plan and BMB TB 2017-05 and 2019-04
Initao-Libertad Protected Landscape and Seascape	3.9 ha	45.48	Good	Conducted 2nd quarter monitoring on April 20 and May 12, 2023

PROTECTED AREA	MANGROVES HABITAT CONDITION				
	TOTAL AREA MONITORED	MANGROVES CONDITION	CATEGORY AS OF 2nd Q CY 2023	DIVERSITY INDEX (BASED ON FERNANDO ET AL 2017)	REMARKS
Baliangao Protected Landscape and Seascape	91.5	Analysis ongoing. To be completed by the 3rd quarter.	-	-	BPLS-PAMO already conducted the Mangrove Baseline Assessment in BPLS-PA on April 11-14, 2023 based on BMB TB No. 2017-05 and 2019-04. Complete analysis shall be submitted on the 3rd quarter, consistent with the CY 2023 Implementation Plan.
Initao-Libertad Protected Landscape and Seascape	-	N/A	-	-	No Mangrove inside the NIPAS-PA

## COMPLIANCE TO GAA AND PDP QUARTERLY REPORT

### WATER QUALITY

Station	Management Zone	Name of Monitoring Stations	Water Quality Parameters								Remarks
			pH		Nitrate		Dissolved		Color		
			Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	
Baliangao Protected Landscape and Seascape	Sinian River	Station 1		7.27		<0.10		5.86		5	The results for the Wet Season is targetted on the 3rd Quarter CY 2023 per Implementation Plan
	Strict Protection Zone	Station 2		7.22		<0.10		6.84		5	
	Multiple Use Zone	Station 3		7.61		<0.10		6.62		5	
Initao-Libertad Protected Lanscape and Seascape	Taboo Creek	Station 1		8.09		<0.10		7.9		5	Monitoring activities are ongoing
	Strict Protection Zone	Station 2		8.09		<0.10		7		5	
	Multiple Use Zone	Station 3		8.15		<0.10		6.4		5	

\*Management zones (e.g. Strict Protection Zone, Multiple-use zone, and river mouths)

Station	Management Zone	Name of Monitoring Stations	Water Quality Parameters								Remarks
			Phosphate		Temperature		Total		Salinity		
			Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	
Baliangao Protected Landscape and Seascape	Sinian River	Station 1		<0.009		28.94° C		28.83		26.75	The results for the Wet Season is targetted on the 3rd Quarter CY 2023 per Implementation Plan
	Strict Protection Zone	Station 2		<0.009		28.4°		27.6		32.71	
	Multiple Use Zone	Station 3		<0.009		28.88°		27.97		29.27	
Initao-Libertad Protected Lanscape and Seascape	Taboo Creek	Station 1		<0.009		29°C		<3		NA	Monitoring activities are ongoing
	Strict Protection Zone	Station 2		<0.009		29°C		<3		NA	
	Multiple Use Zone	Station 3		<0.009		29°C		<3		NA	

Station	Management Zone	Name of Monitoring Stations	Water Quality Parameters						Remarks
			Turbidity		Conductivity		Fecal coliform		
			Wet	Dry	Wet	Dry	Wet	Dry	
Baliangao Protected Landscape and Seascape	Sinian River	Station 1		26.24		68.9		525	The results for the Wet Season is targetted on the 3rd Quarter CY 2023 per Implementation Plan
	Strict Protection Zone	Station 2		17.47		38.1		3,600	
	Multiple Use Zone	Station 3		8.78		43.9		6,396.67	
Initao-Libertad Protected Lanscape and Seascape	Taboo Creek	Station 1		NA		NA		5.8	Monitoring activities are ongoing
	Strict Protection Zone	Station 2		NA		NA		5.87	
	Multiple Use Zone	Station 3		NA		NA		<1.8	

Legend: Based on DAO 2016-08

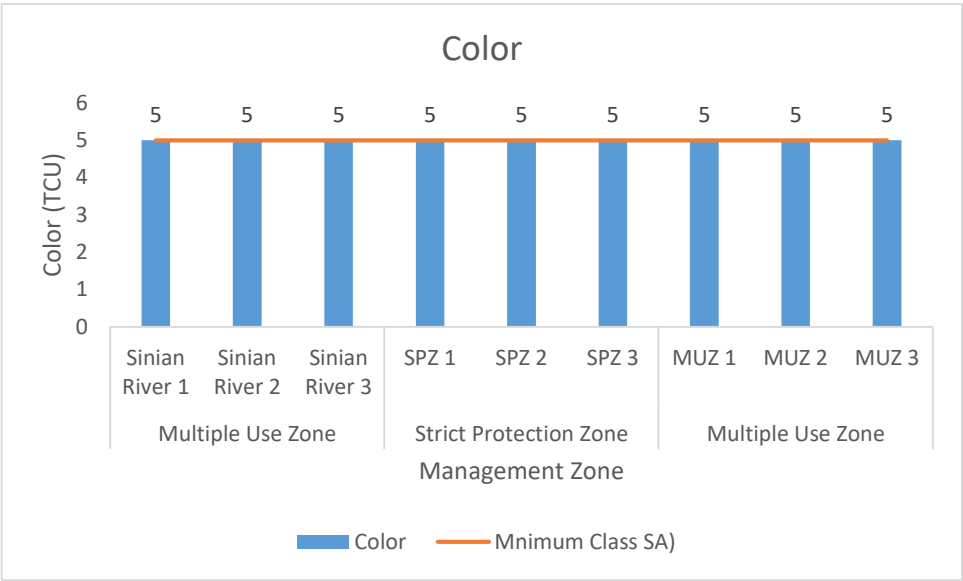
Blue - passed

Black - failed

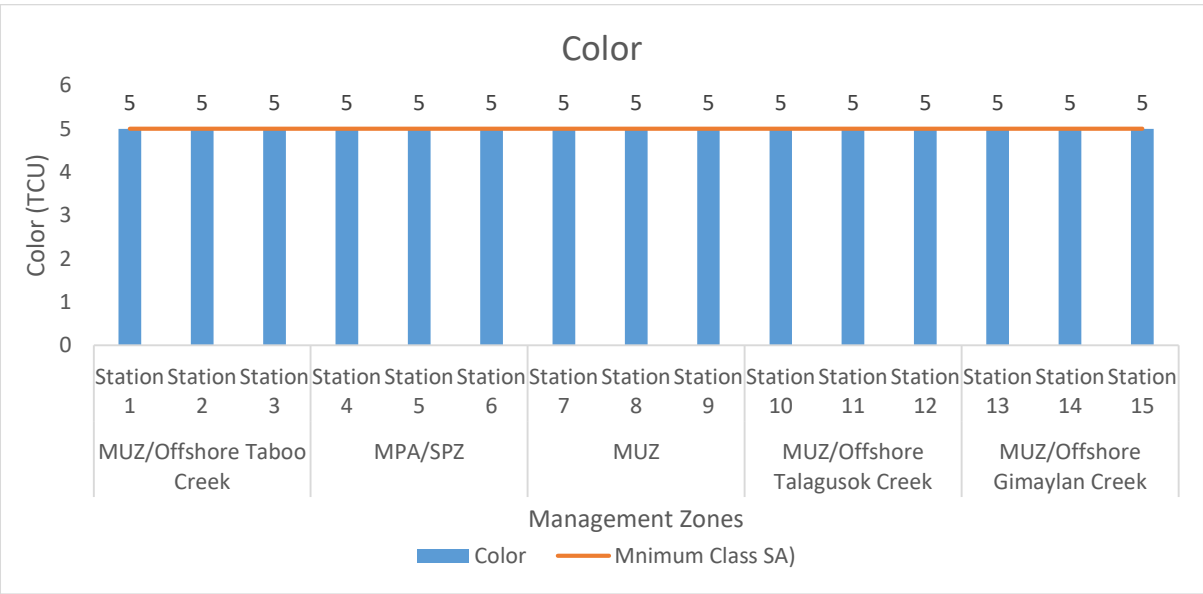
Gray - No data (provide justification on the non-inclusion of the required parameter)

For parameter with one (1) criterion (DO, Nitrate, Phosphate, Fecal Coliform, TSS, and Color)

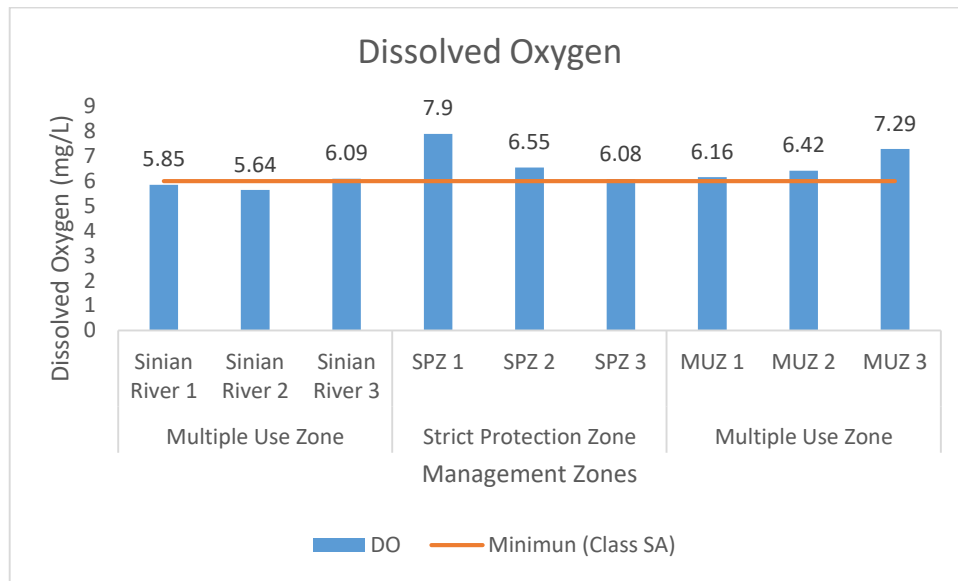
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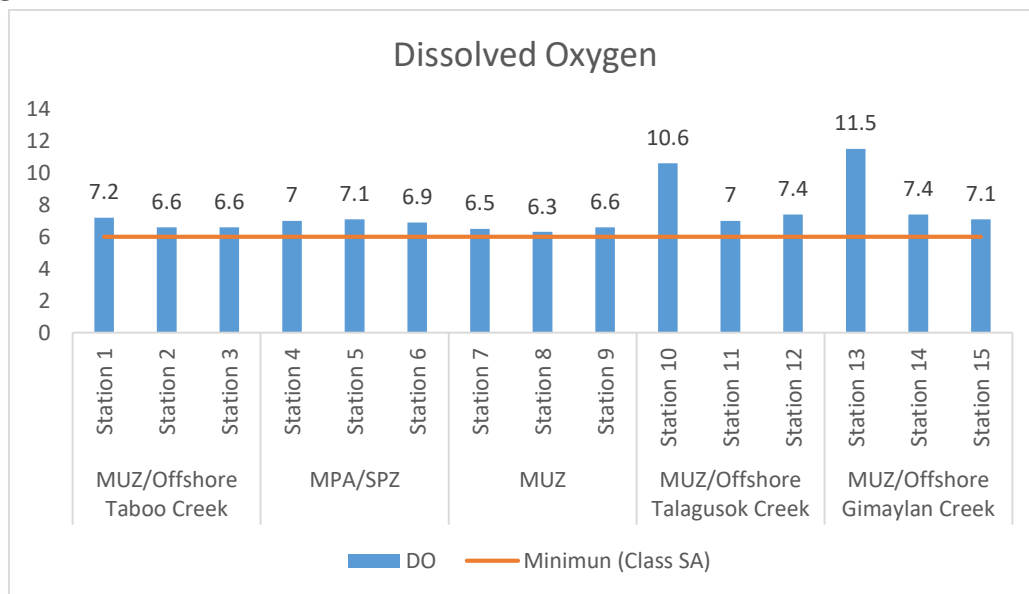
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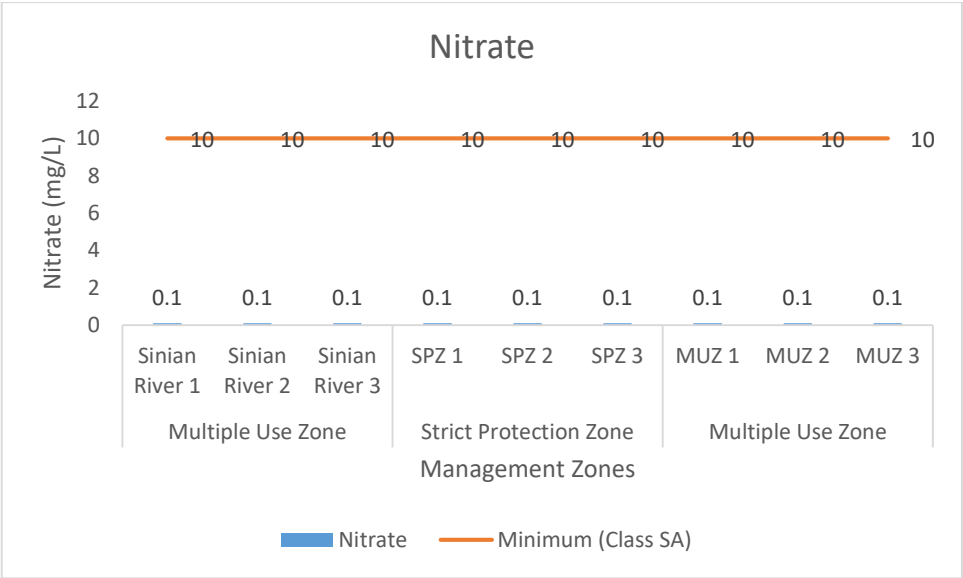
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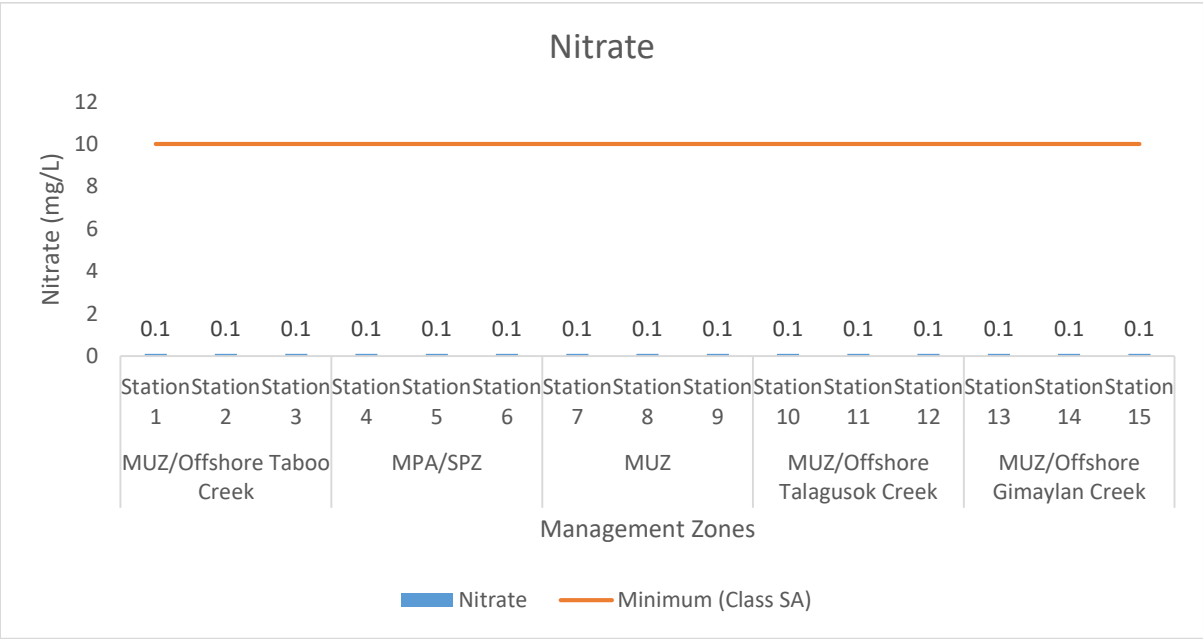
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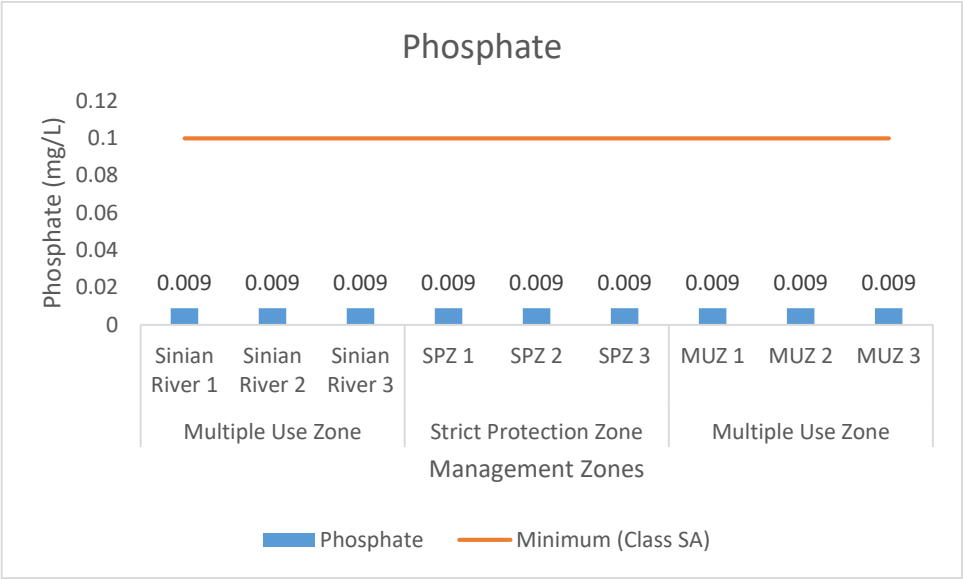


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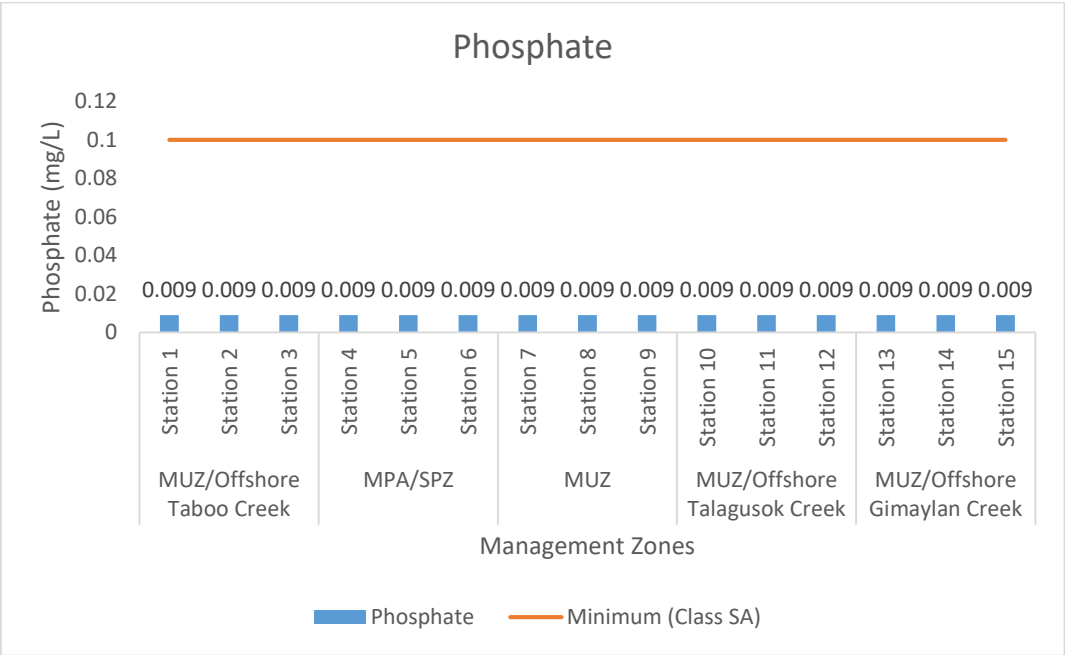




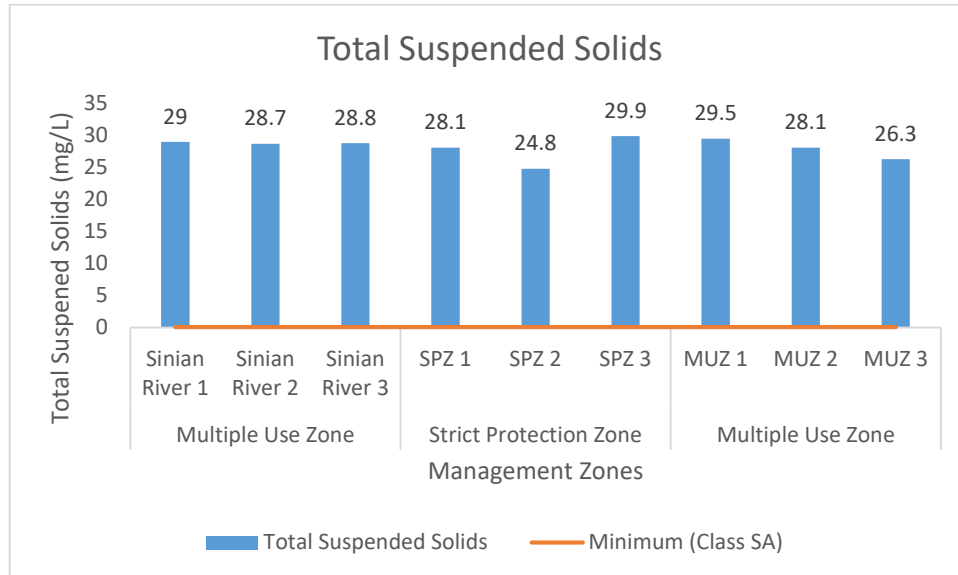
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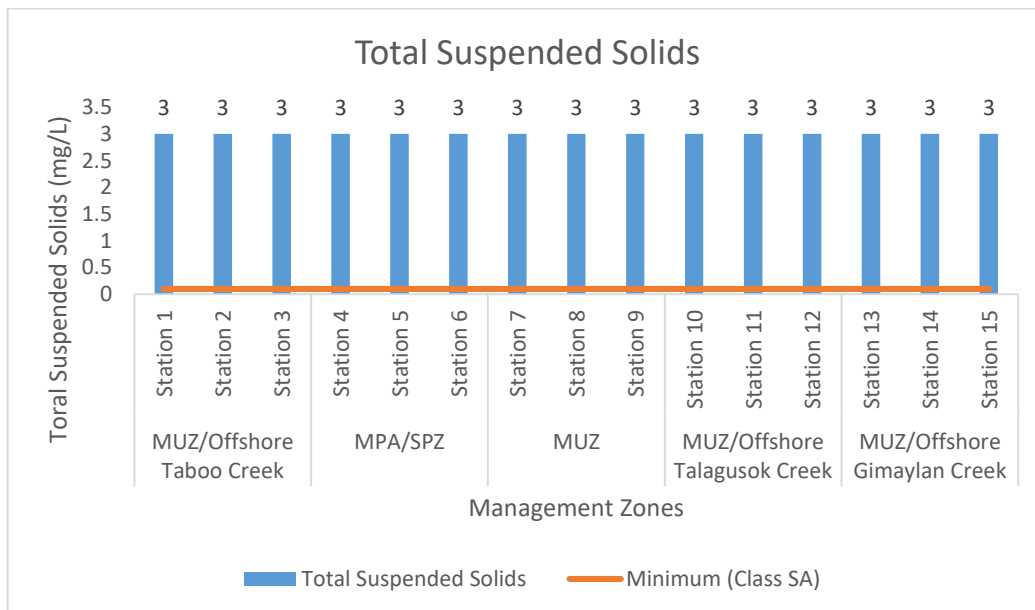
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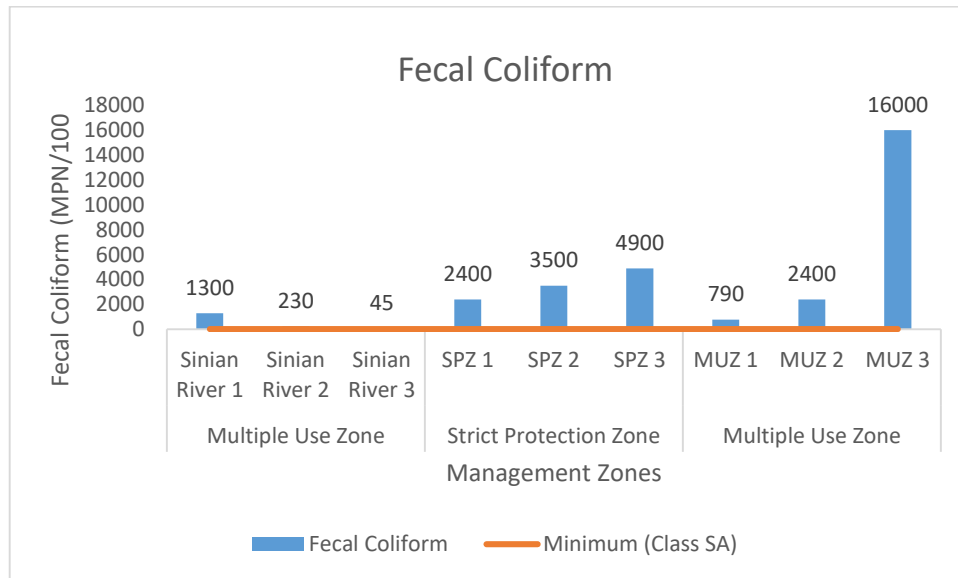
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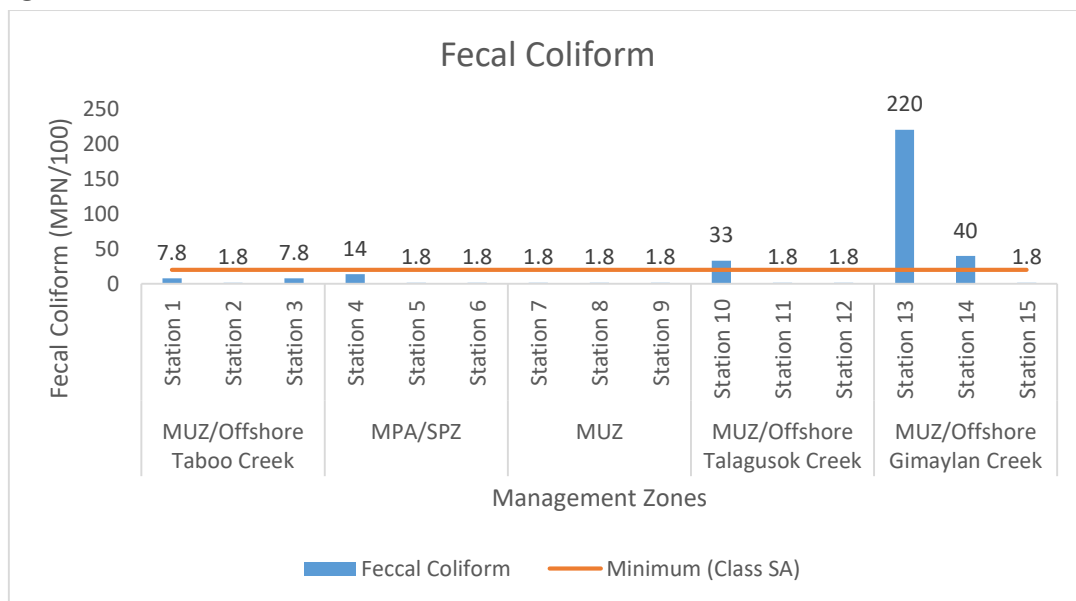
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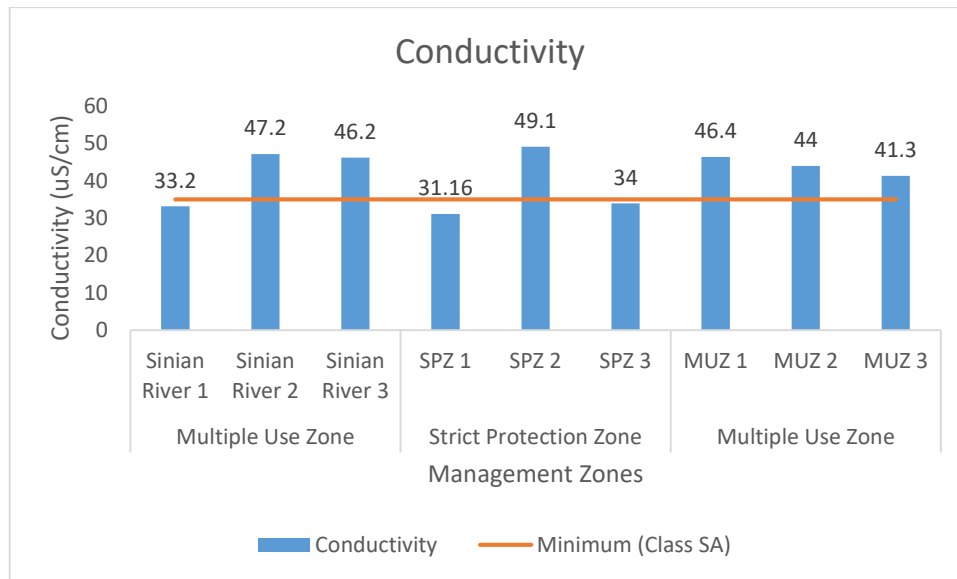
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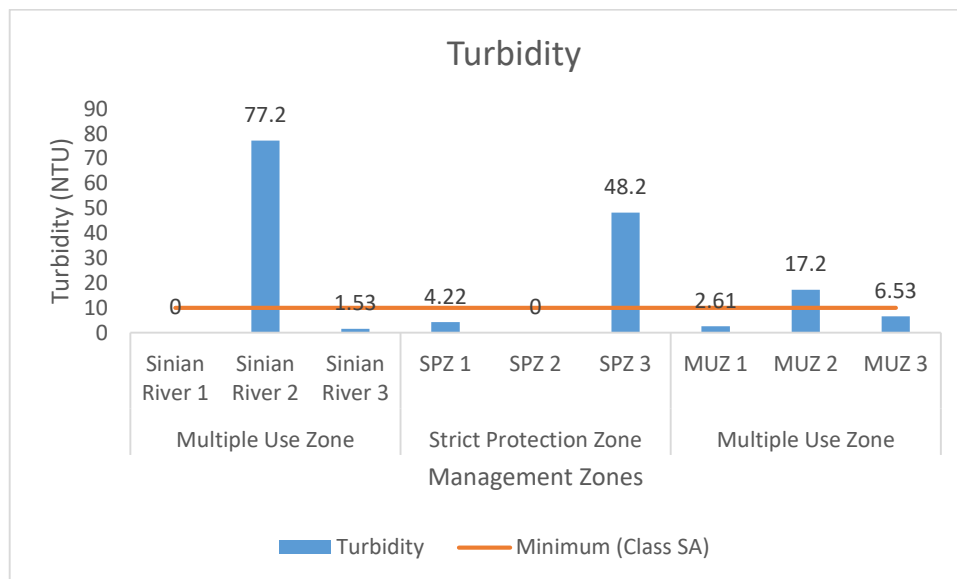
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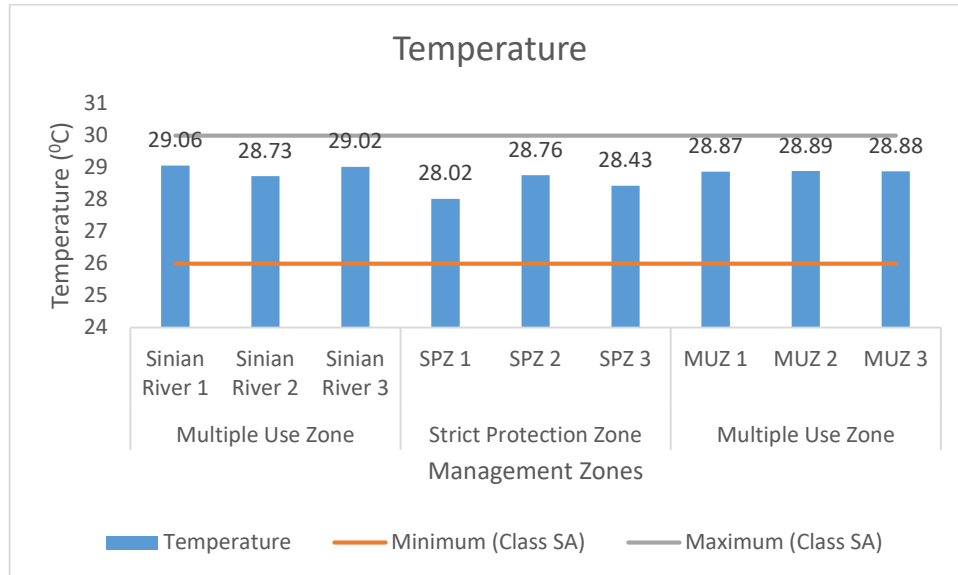


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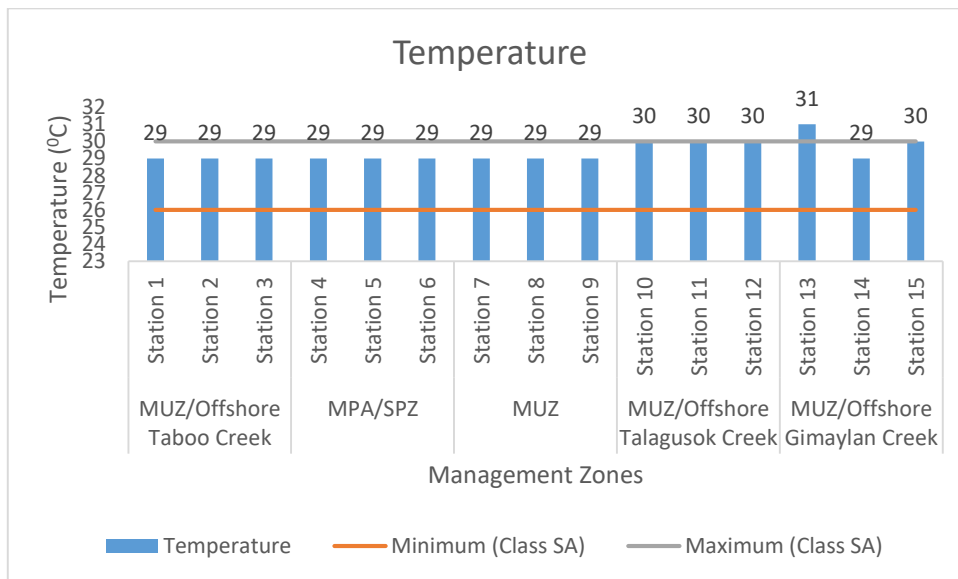


For parameter with minimum and maximum criteria (pH and Temperature)

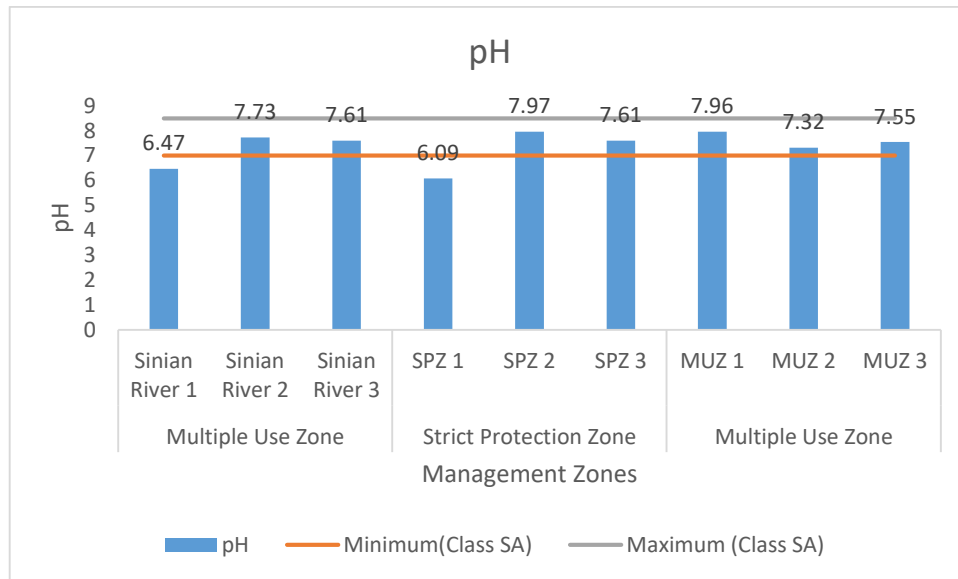
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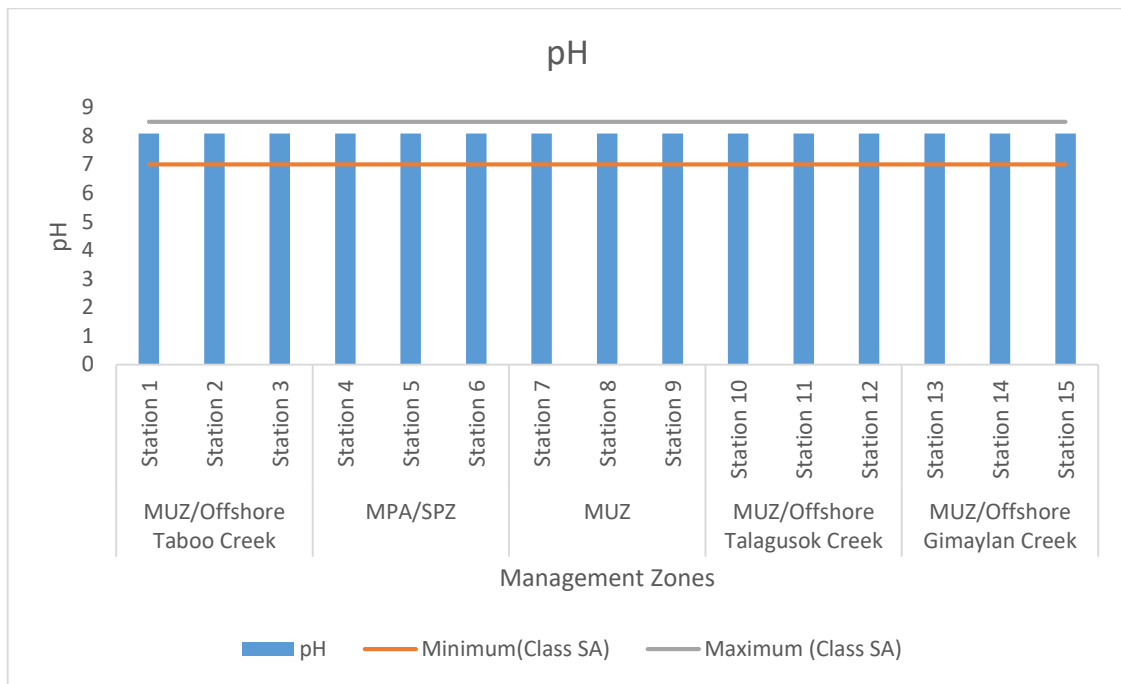
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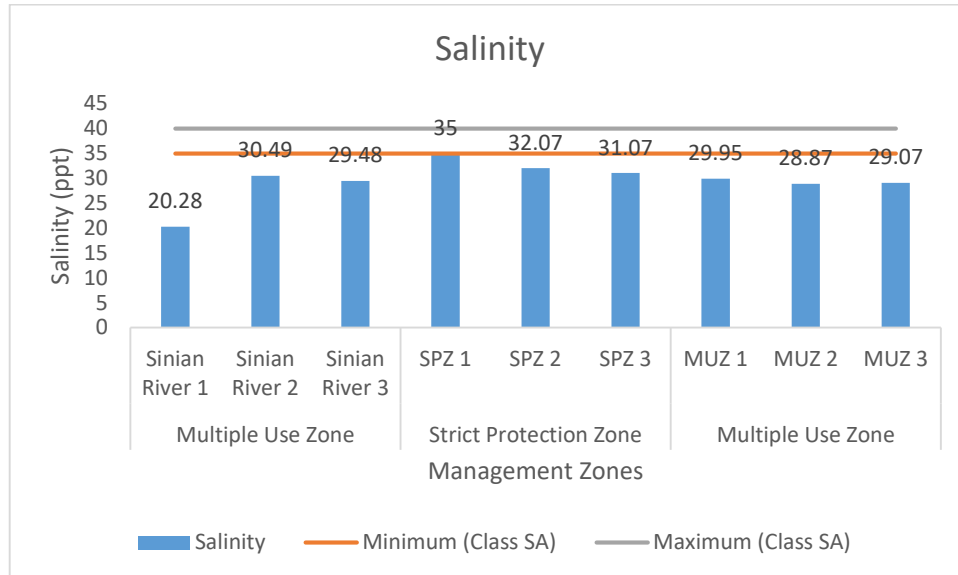
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## ILPLS



## BPLS





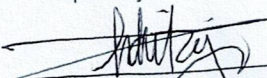
**BDFE**

PROTECTED AREA	NO. OF POS IN THE UPDATED INVENTORY	NO. OF POS ENHANCED	LEVELS (NO.) AS OF March 30, 2023				REMARKS
			ESTABLISHED	STRENGTHENED	DEVELOPED	SUSTAINED	
Initao-Libertad PLS	2	1	1	0	0	0	Conducted appraisal to PO-GFAI on February 28, 2023 and identified the appropriate technical assistance for the enhancement of the PO with report endorsed to the RED and BMB through Memoranda dated May 8, 2023
Baliangao PLS	1	1	0	0	1	0	Conducted Financial Literacy Training/Orientation as technical assistance to PO-NAKASINATI, Inc. in partnership with LGU Baliangao on May 12, 2023 with report endorsed through Memorandum dated June 1, 2023.
Liangan-Lipatan River Mangrove Swamp Forest Reserve (LLRMSFR)	2	2	2	0	0	0	Conducted appraisal to POs TAFE and TLA on March 1-3, 2023 and identified the appropriate technical assistance for the enhancement of both PO with report endorsed to the RED and BMB through Memoranda dated May 8, 2023

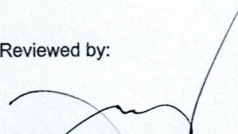
NAME OF PO	NO. OF MEMBERS	BDFE ENTERPRISE	ENHANCEMENT ACTIVITIES CONDUCTED FOR 2022	REMARKS
Gimaylan Fisherfolk Association Incorporated	25	Glass Bottom Boat/ Ecotourism	None	Conducted appraisal to PO-GFAI on February 28, 2023
Tagoninao Fisherfolk Association	51	Mushroom Production	None	Conducted appraisal to PO-TAFE on March 1-2, 2023
Tacub-Labasera Association	20	Bottled Sardines in Corn Oil	None	Conducted appraisal to PO-TLA on March 3, 2023
Nagkahiusang Katawhan sa Sinian Nagpala, Inc. (NAKASINATI)	50	Mud Crab Fattening; Floating Cottage and Boat Paddling	Level 1: a) Refresher Orientation on BDFE; b) Simple Financial Management and Bookkeeping Training; Level 2: a) Mangrove Planting; b) Identification of Mangroves, Corals and Fish Conservation Strategies; Level 3: a) Procurement of Crablets; and b) Cross Visitation to other PO/Business entity engaged in Mud Crab Fattening	The PO was recently trained on Financial Literacy on May 12, 2023. The training was DENR in partnership with the LGU of Baliangao (Accounting Department) whom provided the speaker in the person of Mr. John Paul C. Morales.
Bobutan Fisherfolk Association, Inc. (BFAI)	33	Ecotourism Services and Buko Pie Making; Glass Bottom Boat	None	A court order was issued to the Protected Area Management Board (PAMB) of Initao-Libertad Protected Landscape and Seascape (ILPLS) by the Regional Trial Court 10 Judge of Branche 44, Initao, Misamis Oriental to evict dwellings/structures within the 40-meter easement of the protected area per Civil Case No. 2021-1628, in which the PO BFAI are residing. The PO was relocated outside the NIPAS MPA and is consequently no longer qualified to be a BDFE beneficiary.
Kitanglad Guard Volunteers Association Inc. (KGVAI)	331	Coffee Production and Marketing Enterprise	None	

*If there are changes (newly active/inactive) of People's Organizations inventoried, please provide comparative data and narrative*

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