



October 4, 2022



**MEMORANDUM**

**FOR : The Regional Executive Director**  
**MIMAROPA Region**

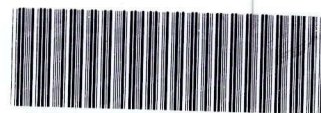
**FROM : The In-Charge, Office of the PENRO**  
**Calapan City, Oriental Mindoro**

**SUBJECT : SUBMISSION OF REPORT ON FIELD VISIT ON THE TARGET**  
**PROGRAM/ ACTIVITY/ PROJECT (PAP) OF COASTAL AND**  
**MARINE ECOSYSTEMS REHABILITATION SUB-PROGRAM**  
**REGARDING THE CONDUCT OF SPECIAL EVENTS RELATED**  
**TO COASTAL AND MARINE PROTECTION, CONSERVATION**  
**AND MANAGEMENT**

Forwarded is the memorandum of CENRO Socorro on the submission of report on field visit on the target Program Activity Project (PAP) of coastal and marine ecosystems rehabilitation sub-program regarding the conduct of special events related to coastal and marine protection, conservation and management.

For information and record.

  
ALMA E. GIBE



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September 21, 2022

**MEMORANDUM**

**FOR :** The Regional Executive Director

**THRU :** The In-Charge, PENRO Oriental Mindoro

**FROM :** The CENR Officer

**SUBJECT :** **SUBMISSION OF REPORT ON FIELD VISIT ON THE TARGET PROGRAM/ ACTIVITY/ PROJECT (PAP) OF COASTAL AND MARINE ECOSYSTEMS REHABILITATION SUB-PROGRAM REGARDING THE CONDUCT OF SPECIAL EVENTS RELATED TO COASTAL AND MARINE PROTECTION, CONSERVATION AND MANAGEMENT**

DENR-MIMAROPA REGION	
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE	
ORIENTAL MINDORO	
PENRO TRACKING NO.	
RECEIVED BY:	
DATE:	SEP 30 2022
TIME:	

Respectfully submitting the report on field visit on the target Program/ Activity/ Project (PAP) of Coastal and Marine Ecosystems Rehabilitation Sub-Program regarding the conduct of special events related to coastal and marine protection, conservation and management. The field visit is part of *Top Level Management: Field Inspections* under *General Administration and Support*. The target PAP visited/ monitored is the conduct of Information, Education and Communication (IEC) campaign and coastal clean-up on September 17, 2022 in Barangay Batuhan, Pola, Oriental Mindoro in celebration of the International Coastal Clean-up (ICC) Day 2022 (see Figure 1).



Figure 1. Coastal Clean-up in Barangay Batuhan, Pola, Oriental Mindoro.

**INFORMATION, EDUCATION AND COMMUNICATION (IEC) CAMPAIGN**

The event started at 07:00 am. EcoMS I/ Chief, Administrative, Planning and Management Support Section Rayson C. Alfante lead the prayer to officially start the program. Then, Forest Technician II Charity A. Linatoc served as the emcee of the event.





The MENRO-Designate/ OIC-MPDC/ EnP Lorenzo Carreon, II of the Local Government Unit (LGU) of Pola, Oriental Mindoro expressed his gratitude towards the participants who devoted their time and effort in support to the activity. He thanked the CENRO Socorro for selecting their municipality as the venue of ICC Day 2022. He added that continuous conduct of this activity and other related environmental events will be supported by their office (see Figure 2).

Then, the undersigned highlighted the day as it marks the ICC Day 2022. The said event is celebrated annually in the Philippines by virtue of Presidential Proclamation No. 470 series of 2003. The proclamation declares every 3rd Saturday of September of each year as the ICC Day, consistent with the Presidential Proclamation No. 244 declaring September as the National Clean-Up Month. The activity tends to become a wake-up call for citizens to do their part as stewards of nature. Furthermore, participants were encouraged to conduct regular coastal clean-ups and other environmental events (see Figure 2).



Figure 2. Preliminaries of ICC Day 2022 celebration brought by MENRO-Designate/ OIC-MPDC/ EnP Carreon, II and CENR Officer Boyles.

At the same time, Forester I Mackaley P. Martinez explained the mechanics of the clean-up. He also reminded the attendees on the importance of recording the trash collected which will give a factual figure of the most frequent marine debris found ashore. The information provided will serve as basis for solid waste management strategies (see Figure 2).

### COASTAL CLEAN-UP



Figure 3. Trash recording (left) and garbage collection (right).





The clean-up was held by-group. In each group, one (1) person was assigned to record the trash collected while others were in-charge to pick-up garbage (see Figures 3 and 5, and Table 1). The Volunteer Ocean Trash Data Form from Ocean Conservancy Organization was used to analyze the waste collected. This form was specifically formulated to provide an organized classification and recording process on clean-up drive for analysis.

Table 1. Groupings in ICC Day 2022.

Groupings	No. of Volunteers
Group 1	12
Group 2	5
Group 3	12
Group 4	12
Group 5	12
Group 6	12
Group 7	12
Group 8	12
Group 9	11
Group 10	12
Group 11	11
Group 12	11
<b>Total</b>	<b>134</b>

Barangay Batuhan, Pola, Oriental Mindoro is selected to be the clean-up site because it is adjacent to the Verde Island Passage (VIP). The area is mostly resorts and fenced private/titled lots. Despite the absence of coastal communities, a total of 12 sacks weighing approximately 360 kg were collected in the 869.30 m shoreline as it is between the outlet of the two (2) principal rivers of the province namely, Casiligan River (in the left side if facing the sea) and Pula River (nearest and in the right side if facing the sea) (see Figure 4).



Figure 4. Garbage collected during the clean-up.





Based on the consolidated data from Volunteer Ocean Trash Data Form, the *Most Likely to Find Items* category has the most number and percentage of trash collected, with 1,762 pieces or 78.17%. This is followed by *Tiny Trash Less than 2.5 cm* (213 pieces of 9.45%), *Personal Hygiene* (101 or 4.48%), *Packaging Materials* (85 or 3.77%), *Other Trash* (63 or 2.80%) and lastly by *Fishing Gear* (30 or 1.33%). Fortunately, no injured or dead animals were encountered during the event (see Table 2). The garbage/ solid wastes/ trashes/ collected were turned over to the Municipal LGU for proper disposal.

Table 2. Trash categories and the respective items with the most number per category during the coastal clean-up.

Trash Category	Total	Percentage	Item in Trash Category with the Most Number	Total	Percentage in its Trash Category
Most Likely to Find Items	1,762	78.17	Beverage Bottles (Plastic)	644	36.55
Tiny Trash Less than 2.5 cm	213	9.45	Glass Pieces	103	48.36
Personal Hygiene	101	4.48	Diapers	95	94.06
Packaging Materials	85	3.77	Other Plastic / Foam Packaging	42	49.41
Other Trash	63	2.80	Tires	26	41.27
Fishing Gear	30	1.33	Fishing Net and Pieces	22	73.33
Dead/ Injured Animal	0	0.00	-	-	-
<b>Total</b>	<b>2,254</b>	<b>100.00</b>			

In terms of items in aforementioned trash categories, beverage bottles (plastic) have the highest number in *Most Likely to Find Items*, with 644 pieces. Glass pieces (103 pieces), diapers (95 pieces), other plastic/ foam packaging (42 pieces), tires (26 pieces) and fishing net and pieces (22 pieces) are the leading items in *Tiny Trash Less than 2.5 cm*, *Personal Hygiene*, *Packaging Materials*, *Other Trash* and *Fishing Gear*, respectively.

Beverage bottles (Plastic), diapers, other plastic/ foam packaging and tires are materials emanated from adjacent coastal barangays and / or upland communities carried by the water. Likewise, since the area is a stretch of sandy shore, glass pieces came from the beverage of people visiting the beach, or glass shards dumped by people in the coast. Moreover, fishing nets and pieces are fishing implements used by fisherfolks for their subsistence. Sadly, these items ended up in the shore due to improper solid waste disposal.

In *Most Likely to Find Items* category, the top 5 garbage are beverage bottles (plastic), bottle caps (plastic), food wrappers, lids (plastic) and take out/ away containers (plastics) with 644 pieces (36.55%), 231 pieces (13.11%), 230 pieces (13.05%), 117 pieces (10.05%) and 80 pieces (4.54%), respectively (see Table 3 and 13).





Table 3. Trash collected in *Most Likely to Find Items* category.

Items	Total	Percentage
Beverage Bottles (Plastic)	644	36.55
Bottle Caps (Plastic)	231	13.11
Food Wrappers	230	13.05
Lids (Plastic)	177	10.05
Take Out/ Away Containers (Plastic)	80	4.54
Cups and Plates (Foam)	67	3.80
Other Plastic Bags	58	3.29
Straws/ Stirrers	56	3.18
Cups and Plates (Plastic)	46	2.61
Grocery Bags (Plastic)	43	2.44
Beverage Bottle (Glass)	34	1.93
Cups and Plates (Paper)	19	1.08
Cigarette Butts	18	1.02
Take Out/ Away Containers (Foam)	17	0.96
Forks. Knives, Spoons	16	0.91
Paper Bags	10	0.57
Plastic Caps (Metal)	8	0.45
Beverage Cans	8	0.45
<b>Total</b>	<b>1,762</b>	<b>100.00</b>

In *Fishing Gear* category, fishing net and pieces have the highest number and percentage, with 22 pieces or 73.33%. This is followed by rope (1 yard/ meter = 1 pc) with 7 pieces (23.33%) and fishing buoys, pots and traps with 1 piece (3.33%). Meanwhile, there were no fishing lines (1 yard/ meter = 1 pc) collected for the category (see Table 4 and 14).

Table 4. Trash collected in *Fishing Gear* category.

Items	Total	Percentage
Fishing Net and Pieces	22	73.33
Rope (1 yard/ meter = 1 pc)	7	23.33
Fishing Buoys, Pots and Traps	1	3.33
Fishing Lines (1 yard/ meter = 1 pc)	0	0.00
<b>Total</b>	<b>30</b>	<b>100.00</b>

In *Packaging Materials* category, other plastic/ foam packaging has the highest number and percentage, with 42 pieces or 49.41%. This is followed by other plastic bottles (oil, bleach, etc.) with 32 pieces (37.65%), strapping bands with 7 pieces (8.24%) and tobacco packaging/ wrap with 4 pieces (4.71%). Meanwhile, there were no 6-pack holders collected for the category (see Table 5 and 15).





Table 5. Trash collected in *Packaging Materials* category.

Items	Total	Percentage
Other Plastic / Foam Packaging	42	49.41
Other Plastic Bottles (Oil, Bleach, etc.)	32	37.65
Strapping Bands	7	8.24
Tobacco Packaging/ Wrap	4	4.71
6-pack Holders	0	0.00
<b>Total</b>	<b>85</b>	<b>100.00</b>

In *Personal Hygiene* category, diapers have the highest number and percentage, with 95 pieces or 94.06%. This is followed by tampons/ tampon applications with 3 pieces (2.97%), condoms with 2 pieces (1.98%) and syringe with 1 piece (0.99%) (see Table 6 and 16).

Table 6. Trash collected in *Personal Hygiene* category.

Items	Total	Percentage
Diapers	95	94.06
Tampons/ Tampon Applications	3	2.97
Condoms	2	1.98
Syringes	1	0.99
<b>Total</b>	<b>101</b>	<b>100.00</b>

In *Tiny Trash less than 2.5 cm* category, glass pieces have the highest number and percentage, with 103 pieces or 48.36%. This is followed by plastic pieces with 87 (40.85%) and foam pieces with 23 pieces (10.80%) (see Table 7 and 17).

Table 7. Trash collected in *Tiny Trash less than 2.5 cm* category.

Items	Total	Percentage
Glass Pieces	103	48.36
Plastic Pieces	87	40.85
Foam Pieces	23	10.80
<b>Total</b>	<b>213</b>	<b>100.00</b>

In *Other Trash* category, the top 5 garbage are tires, cigarette lighters, cigar tips, construction materials and slippers, and balloons with 26 pieces (41.27%), 23 pieces (36.51%), 5 pieces (7.94%), 3 pieces (4.76%) and 2 pieces (3.17%), respectively (see Table 8 and 18).





Table 8. Trash collected in *Other Trash* category.

Items	Total	Percentage
Tires	26	41.27
Cigarette Lighters	23	36.51
Cigar Tips	5	7.94
Construction Materials	3	4.76
Slippers	3	4.76
Balloons	2	3.17
Fireworks	1	1.59
Appliances	0	0.00
Clothes	0	0.00
Tarpaulin	0	0.00
Face Mask	0	0.00
<b>Total</b>	<b>63</b>	<b>100.00</b>

There were no dead/ injured animal collected. Additionally, there were no garbage recorded for *Items of Local Concerned* and *Most Unusual Item Collected* categories (see Tables 9-11 and 19-21).

Table 9. *Dead/ Injured Animal* recorded.

Items	Total	Percentage
Dead	0	0.00
Injured	0	0.00
Entangled (Yes)	0	0.00
Entangled (No)	0	0.00
<b>Total</b>	<b>0</b>	<b>0.00</b>

Table 10. Trash collected in *Items of Local Concerned* category.

Items	Total	Percentage
1	0	0.00
2	0	0.00
3	0	0.00
<b>Total</b>	<b>0</b>	<b>0.00</b>

Table 11. Trash collected in *Most unusual Item Collected* category.

Items	Total	Percentage
1	0	0.00
2	0	0.00
3	0	0.00
<b>Total</b>	<b>0</b>	<b>0.00</b>





Figure 5. IEC campaign and coastal clean-up with NGAs, LGU and volunteers.

Barangay Pasi II, Socorro, Oriental Mindoro  
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Garbage/ trashes/ solid wastes are eye-sore to the area. These will affect the ecotourism activities of the LGUs. More so, trashes possess threat to people and biodiversity because of pointed/ sharp parts, micro plastics and chemicals released. The list of suggestions/ recommendations for proper solid waste management together with the office responsible are presented in Table 12. This shall be communicated to the LGUs of Barangay Batuhan and the Municipality of Pola, Oriental Mindoro.

Table 12. Suggestions/ recommendations for solid waste management together with the Office responsible.

Suggestions/ Recommendations	Responsible Office
1. Regular/ Scheduled coastal clean-up	Barangay LGU
2. IEC campaign on proper disposal and management of solid waste to coastal community	Barangay LGU with assistance of DENR
3. Fabrication and installation of signage on proper solid waste disposal, and relevant ENR laws and policies	Barangay LGU with assistance of DENR
4. Strict implementation of provisions of Ecological Solid Waste Management Act of 2000 (RA 9003)	Barangay, Municipal and Provincial LGUs
5. Improvement of MRF and solid waste management	Barangay, Municipal and Provincial LGUs
6. Provision of initiatives for best solid waste management practices in Barangay/ City/ Province	Barangay, Municipal and Provincial LGUs in coordination with DENR-EMB
7. Further strengthen and improvement of linkage with NGAs, LGUs, NGOs, private sectors and other stakeholders regarding solid waste management	Barangay, Municipal and Provincial LGUs

The event was attended by 134 participants (78 male and 56 female) coming from CENRO Socorro, LGUs (barangay and municipality) and volunteers (Community Against Crime Group, The Fraternal Order of Eagles – Philippine Eagles and Pola Community College) with age groups ranging from 18-61 years old. Inter-Agency Task Force (IATF) protocols for COVID-19 pandemic such as wearing of face mask and social distancing were strictly observed during the event. At the end of the event, the coastal area of Barangay Batuhan is again clean, and biodiversity and public-friendly.

The geo-tagged photos, tally sheets and map are attached in the report for information and record.

  
**RODEL M. BOYLES**





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

Table 13. Consolidated data on *Most Likely to Find Items* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Cigarette Butts	1	0	0	1	0	6	0	0	6	0	0	4	18	1.02
Food Wrappers	18	0	16	9	37	16	20	29	21	5	25	34	230	13.05
Take Out/ Away Containers (Plastic)	1	0	0	45	1	1	0	23	1	3	0	5	80	4.54
Take Out/ Away Containers (Foam)	0	0	0	7	0	3	0	1	1	0	0	5	17	0.96
Bottle Caps (Plastic)	20	2	30	7	8	33	23	11	45	6	29	17	231	13.11
Plastic Caps (Metal)	0	0	1	0	0	0	0	0	0	0	4	3	8	0.45
Lids (Plastic)	19	0	10	1	36	6	10	0	42	11	38	4	177	10.05
Straws/ Stirrers	1	0	25	1	0	2	1	4	10	2	6	4	56	3.18
Forks. Knives, Spoons	2	0	0	0	0	5	1	0	1	0	5	2	16	0.91
Beverage Bottles (Plastic)	56	154	79	81	52	35	44	30	25	39	28	21	644	36.55
Beverage Bottle (Glass)	0	0	0	6	1	5	1	5	5	1	2	8	34	1.93
Beverage Cans	2	0	0	3	2	0	0	0	1	0	0	0	8	0.45
Grocery Bags (Plastic)	0	0	25	3	3	1	0	8	0	1	0	2	43	2.44
Other Plastic Bags	0	0	15	0	3	10	3	14	10	0	2	1	58	3.29
Paper Bags	0	0	0	1	0	0	0	1	0	3	5	0	10	0.57
Cups and Plates (Paper)	0	0	10	0	0	5	0	0	3	0	0	1	19	1.08
Cups and Plates (Plastic)	1	0	0	0	5	2	0	1	5	0	0	32	46	2.61
Cups and Plates (Foam)	1	0	15	2	0	2	2	8	6	8	0	23	67	3.80
<b>Total</b>	<b>122</b>	<b>156</b>	<b>226</b>	<b>167</b>	<b>148</b>	<b>132</b>	<b>105</b>	<b>135</b>	<b>182</b>	<b>79</b>	<b>144</b>	<b>166</b>	<b>1,762</b>	<b>100.00</b>





Table 14. Consolidated data on *Fishing Gear* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Fishing Buoys, Pots and Traps	0	0	0	0	0	0	1	0	0	0	0	0	1	3.33
Fishing Net and Pieces	1	0	0	3	5	3	1	1	3	0	2	3	22	73.33
Fishing Lines (1 yard/ meter = 1 pc)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Rope (1 yard/ meter = 1 pc)	1	0	0	2	0	0	0	1	3	0	0	0	7	23.33
<b>Total</b>	2	0	0	5	5	3	2	2	6	0	2	3	30	100.00

Table 15. Consolidated data on *Packaging Materials* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
6-pack Holders	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Other Plastic / Foam Packaging	0	0	0	0	0	5	1	20	6	0	5	5	42	49.41
Other Plastic Bottles (Oil, Bleach, etc.)	0	0	15	0	0	6	1	2	0	0	5	3	32	37.65
Strapping Bands	0	0	0	0	0	1	0	2	0	0	0	4	7	8.24
Tobacco Packaging/ Wrap	1	0	0	0	0	0	0	1	2	0	0	0	4	4.71
<b>Total</b>	1	0	15	0	0	12	2	25	8	0	10	12	85	100.00

Table 16. Consolidated data on *Personal Hygiene* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Condoms	0	0	2	0	0	0	0	0	0	0	0	0	2	1.98
Diapers	8	0	0	4	5	16	3	7	5	1	13	33	95	94.06
Syringes	0	0	0	0	0	1	0	0	0	0	0	0	1	0.99
Tampons/ Tampon Applications	2	0	0	0	0	1	0	0	0	0	0	0	3	2.97
<b>Total</b>	10	0	2	4	5	18	3	7	5	1	13	33	101	100.00





Table 17. Consolidated data on *Tiny Trash less than 2.5 cm* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Foam Pieces	2	0	0	0	0	10	3	0	7	0	1	0	23	10.80
Glass Pieces	2	0	0	0	0	0	1	0	100	0	0	0	103	48.36
Plastic Pieces	0	0	10	0	0	35	0	0	42	0	0	0	87	40.85
<b>Total</b>	4	0	10	0	0	45	4	0	149	0	1	0	213	100.00

Table 18. Consolidated data on *Other Trash* category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Appliances	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Balloons	0	0	0	0	0	1	0	0	0	0	0	1	2	3.17
Cigar Tips	0	0	0	0	0	0	0	1	1	1	0	2	5	7.94
Cigarette Lighters	1	0	0	6	0	3	2	3	3	0	0	5	23	36.51
Construction Materials	1	0	0	0	0	0	0	2	0	0	0	0	3	4.76
Fireworks	0	0	0	0	0	0	1	0	0	0	0	0	1	1.59
Tires	0	0	0	0	0	26	0	0	0	0	0	0	26	41.27
Clothes	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Slippers	3	0	0	0	0	0	0	0	0	0	0	0	3	4.76
Tarpaulin	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Face Mask	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Total</b>	5	0	0	6	0	30	3	6	4	1	0	8	63	100.00





Table 19. Consolidated data on Dead/ Injured Animal category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Entangled (Yes)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Entangled (No)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Total</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

Table 20. Consolidated data on Items of Local Concerned category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Total</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

Table 21. Consolidated data on Most Unusual Item Collected category.

Items	Group Number												Total	Percentage
	1	2	3	4	5	6	7	8	9	10	11	12		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>Total</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00





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

**INFORMATION, EDUCATION AND COMMUNICATION  
(IEC) CAMPAIGN AND COASTAL CLEAN-UP IN  
BARANGAY BATUHAN, POLA, ORIENTAL MINDORO  
IN CELEBRATION OF THE INTERNATIONAL COASTAL  
CLEAN-UP (ICC) DAY 2022**



SCALE 1: 5,000

PROJECTION: WGS 1984 UTM Zone 51 N

**LEGEND:**

- Tracking (869.34 m)
- Pula River
- Municipal Boundary

**DISCLAIMER:** Map is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Administrative and political boundaries shown herein does not define authority, and for reference purposes only.

**REFERENCE:** Google Earth, DENR-PENRO Oriental Mindoro and DENR-CENRO Socorro, Oriental Mindoro

Prepared by: . . . Reviewed by:

*Mackaleymartinez*  
**MACKALEY MARTINEZ**  
Forester I

*Rayson C. Alfante*  
**RAYSON C. ALFANTE**  
EcoMS I / Chief, APMSS

Attested by:

*Rodel M. Boyles*  
**RODEL M. BOYLES**  
CENR Officer

