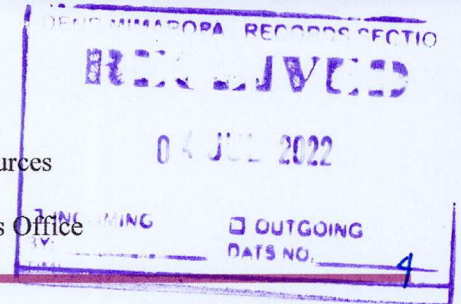




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office



June 29, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA

THRU : The OIC, ARD for Technical Services

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

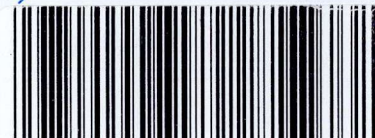
SUBJECT : **SUBMISSION OF REPORT ON THE MONITORING OF
MARINE TURTLE NESTING SITES WITHIN THE
JURISDICTION OF CENRO SOCORRO, ORIENTAL
MINDORO FOR THE 2ND QUARTER OF CY 2022**

Submitted is the report on monitoring of marine turtle nesting sites within the jurisdiction of CENRO Socorro, Oriental Mindoro for the 2nd quarter of CY 2022.

Some activities are undertaken during this quarter, these include coordination to some MENROs, MPDO and LGUs; distribution of Information, Education and Communication (IEC) campaign materials regarding marine turtles, birds and Philippine flora. Also, monitoring of marine turtle nesting site on June 10, 2022 in Barangay Tagumpay, Pola, Oriental Mindoro has been done.

Attached is the report of the CENRO for information, record and reference.


ALMA E. GIBE



DENRPENRO2207000004

PENRO Tracking No. 2206000715
TSD-CDS/aem



June 20, 2022

MEMORANDUM

FOR : The Regional Executive Director
THRU : The In-charge, PENR Officer
FROM : The CENR Officer
SUBJECT : **SUBMISSION OF REPORT ON THE MONITORING OF MARINE TURTLE NESTING SITES WITHIN THE JURISDICTION OF CENRO SOCORRO, ORIENTAL MINDORO FOR THE 2ND QUARTER OF CY 2022**

DENR-MIMAROPA REGION	
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE	
ORIENTAL MINDORO	
PENRO TRACKING NO.	
RECEIVED BY:	
DATE:	JUN 29 2022
TIME:	

Respectfully submitting the report on the monitoring of marine turtle nesting sites within the jurisdiction of CENRO Socorro, Oriental Mindoro for the 2nd quarter of CY 2022. The monitoring covered the dates from March 21 – June 17, 2022. This is part of the regular target for *Protection and Conservation of Wildlife: Conservation of Threatened Species* under *Wildlife Resources Conservation Sub-Program*.

The activities undertaken this quarter include the following:

1. Coordination with the MENRO of Puerto Galera on March 28, 2022 and distribution of 40 pieces of Information, Education and Communication (IEC) campaign materials regarding marine turtles, birds, forests, Marine Protected Area (MPA) and Biodiversity-Friendly Enterprise (BDFE);
2. Coordination with the MENRO and Municipal Planning and Development Office (MPDO) of Baco, Oriental Mindoro on April 19, 2022, and distribution of 15 pieces of IEC campaign materials regarding marine turtles, birds and Philippine flora;
3. Monitoring of marine turtle nesting site on May 20, 2022, and coastal clean-up, IEC campaign and distribution of 29 pieces of IEC campaign materials regarding marine turtles, birds, forests, MPA and BDFE in Barangay Lazareto, Calapan City, Oriental Mindoro in celebration of the Month of the Ocean 2022; and
4. Monitoring of marine turtle nesting site on June 10, 2022 in Barangay Tagumpay, Pola, Oriental Mindoro, and distribution of 30 pieces of IEC campaign materials to the Barangay LGU, MENRO and MPDO.

Attached are the geo-tagged photos, communication letters and map of the report.

For information and record.

RODEL M. BOYLES



June 20, 2022

MEMORANDUM

FOR : The CENR Officer

THRU : The DMO IV
The Forester III/ Chief, CDS

FROM : The Forester I/ Coastal and Wildlife Focal

SUBJECT : **REPORT ON THE MONITORING OF MARINE TURTLE NESTING SITES WITHIN THE JURISDICTION OF CENRO SOCORRO, ORIENTAL MINDORO FOR THE 2ND QUARTER OF CY 2022**

Respectfully submitting the report on the monitoring of marine turtle nesting sites within the jurisdiction of CENRO Socorro, Oriental Mindoro for the 2nd quarter of CY 2022. The monitoring covered the dates from March 21 – June 17, 2022. This is part of the regular target for *Protection and Conservation of Wildlife: Conservation of Threatened Species* under *Wildlife Resources Conservation Sub-Program*.

COORDINATION WITH THE MENRO OF PUERTO GALERA, ORIENTAL MINDORO

In response to the communication letter of the CENRO Socorro dated February 02, 2022, the Municipal Environment and Natural Resources Office (MENRO) of Puerto Galera through their electronic mail dated March 28, 2022 reported all occurrences and encounters of marine turtles within their area of jurisdiction.

Based on the report, the latest encounter for this year was on February 20, 2022 in Barangay Tabinay, Puerto Galera, Oriental Mindoro. With this, the personnel of Conservation and Development Section (CDS) coordinated and validated the emergence of marine turtle hatchlings on March 29, 2022 (see Figure 1).



Figure 1. Coordination with MENRO Puerto Galera, Oriental Mindoro.



It was found out that the MENRO Puerto Galera facilitated the release of marine turtle hatchlings. Further, the MENRO conducted profiling (of eggs and hatchlings), and Information, Education and Communication (IEC) campaign to the Barangay LGU and community.

To assist the activities of LGU, a total of 40 pieces of IEC campaign materials regarding marine turtles, birds, forests, Marine Protected Area (MPA) and Biodiversity-Friendly Enterprise (BDFE) were given to MENRO. This will aid in their IEC campaign and management of coastal and marine resources. Further, they were requested to coordinate again with the DENR for joint collaboration in saving the endangered marine turtles (see Figure 2).

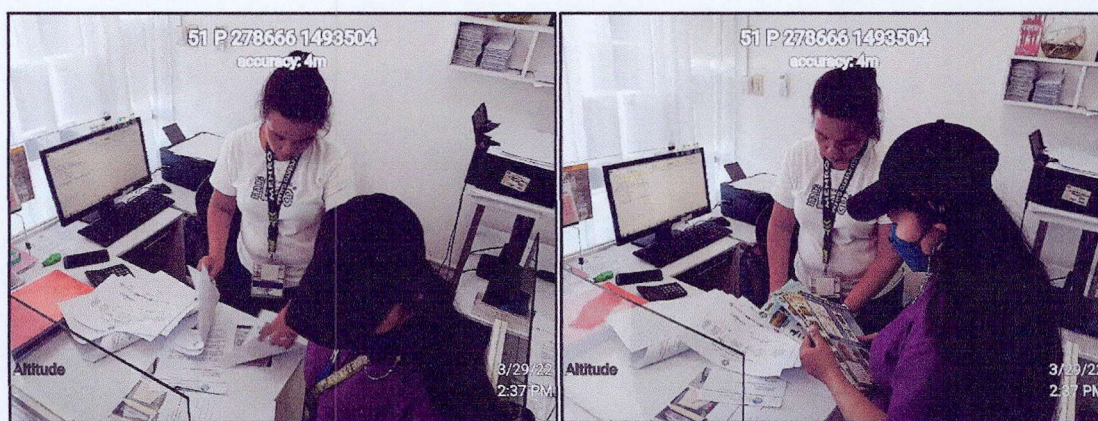


Figure 2. Distribution of IEC campaign materials with MENRO Puerto Galera, Oriental Mindoro.

COORDINATION AND DISTRIBUTION OF IEC CAMPAIGN MATERIALS WITH THE MUNICIPALITY OF BACO, ORIENTAL MINDORO

On April 19, 2022, the CDS personnel of CENRO Socorro coordinated with the MENRO and Municipal Planning and Development Office (MPDO) of Baco, Oriental Mindoro regarding marine turtles. The Municipality of Baco is among the coastal municipalities of the province (see Figure 3).

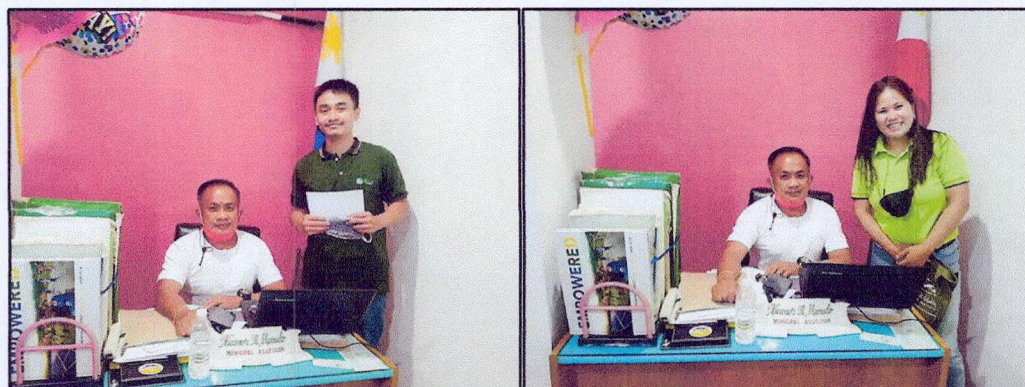


Figure 3. Coordination with the MENRO and MPDC of Baco, Oriental Mindoro.



Despite being located within the Verde Island Passage (VIP), the Office has not yet received any report regarding marine turtles. The reason is probably the absence of sandy shore for the marine turtles to rest and nest. Nevertheless, the LGU was given a total of 15 pieces of IEC campaign materials regarding marine turtles, birds and Philippine flora for their IEC campaign and management of coastal and marine resources of the municipality (see Figure 4).

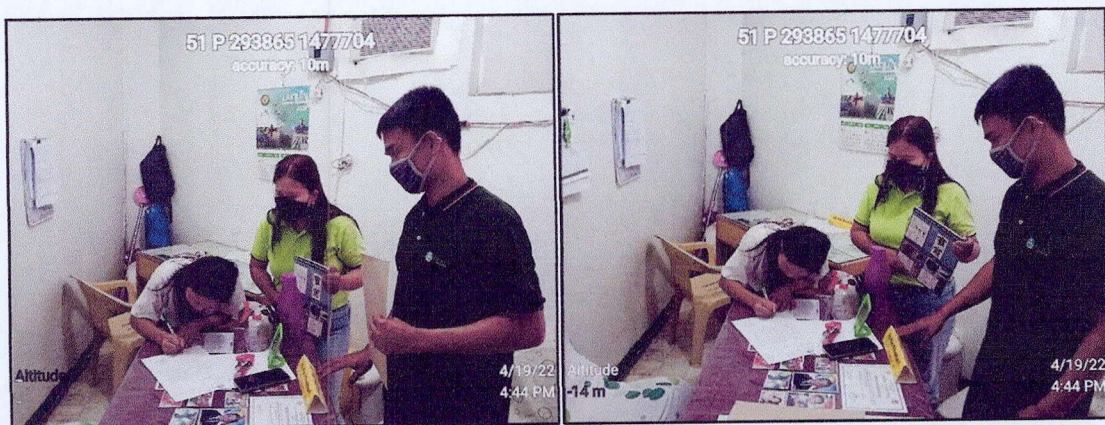


Figure 4. Distribution of IEC campaign materials to the MENRO and MPDC of Baco, Oriental Mindoro.

MONITORING OF MARINE TURTLE NESTING SITE IN BARANGAY LAZARETO, CALAPAN CITY, ORIENTAL MINDORO

The CENRO Socorro personnel conducted monitoring of marine turtle nesting site on May 20, 2022 in Barangay Lazareto, Calapan City, Oriental Mindoro (see Figure 5). The recent marine turtle activity specifically emergence of hatchlings was last February 06, 2022. Further, the activity is complementary with the monitoring last February 11, 2022.



Figure 5. Interview with Mr. Noel Aguirre, a local fisherfolk in Barangay Lazareto.

The CENRO Socorro personnel monitored the shoreline of Barangay Lazareto with approximately 405.37 m of distance patrolled. The site is composed of gray and black sand with some shells, coral rubbles and pebbles. The vegetation is composed primarily of coconut (*Cocos nucifera*) and beach forest vines. The threats observed include the presence of coastal



communities, motor boats, oil depot, and improper solid waste disposal. However, the LGU has forged strong linkage with the City ENRO, PG-ENRO and Blue Alliance (Non-Government Organization). Likewise, several *Bantay Dagat* were deployed to the municipal water of the area to conserve and protect the site.

Mr. Noel Aguirre, a local fisherfolk in the area and the respondent of the interview, showed the actual nesting site of the last emergence of marine turtle hatchlings. He stated that the City ENRO together with the Barangay LGU and other residents protected the eggs of marine turtles until the hatchlings emerged from the nest. The Office requested to report future similar events to the DENR (see Figure 6).



Figure 6. Location of former marine turtle nesting site.

To further manage and protect the marine turtle nesting site, the celebration of the Month of the Ocean (MOO) 2022 was held in Barangay Lazareto. The other activities conducted in simultaneous to the activity include IEC campaign, distribution of IEC campaign materials and coastal clean-up (see Figure 7).



Figure 7. IEC campaign to the participants of MOO 2022.

The topics discussed during the IEC campaign include the relevance of MOO, marine turtle conservation and solid waste management. A total of 29 pieces of IEC campaign materials regarding marine turtles, birds, forests, MPA and BDFE were given to the Barangay



LGU for their IEC and programs/ activities/ projects related to coastal and marine ecosystems.

The clean-up was held after the IEC. This was conducted by group. The Volunteer Ocean Trash Data Form from Ocean Conservancy Organization was used to record and provide an organized classification of trash collected for analysis (see Figure 8).



Figure 8. Trash recording and garbage collection.

After the clean-up, a total of 18 sacks of garbage weighing approximately 324 kilograms were collected in the coastal area of Barangay Lazareto, Calapan City, Oriental Mindoro. In 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 436 pieces or 52.53%. This is followed by *Tiny Trash Less than 2.5 cm* with 197 pieces (23.73%), *Other Trash* with 81 pieces (9.76%), *Personal Hygiene* with 47 pieces (5.66%), *Fishing Gear* with 46 pieces (5.54%) and lastly by *Packaging Materials* with 23 pieces (2.77%) of trash collected. Fortunately, no injured nor dead animals were encountered during the event (see Table 1 and Figure 9).

Table 1. Trash categories and 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
Most Likely to Find Items	436	52.53	Food Wrappers	123
Tiny Trash Less than 2.5 cm	197	23.73	Plastic Pieces	124
Other Trash	81	9.76	Clothes	31
Personal Hygiene	47	5.66	Diapers	25
Fishing Gear	46	5.54	Fishing Net and Pieces	20
Packaging Materials	23	2.77	Other Plastic Bottles (Oil, Bleach, etc.)	19
Dead/ Injured Animal	0	0.00	-	0
Total	830	100.00		

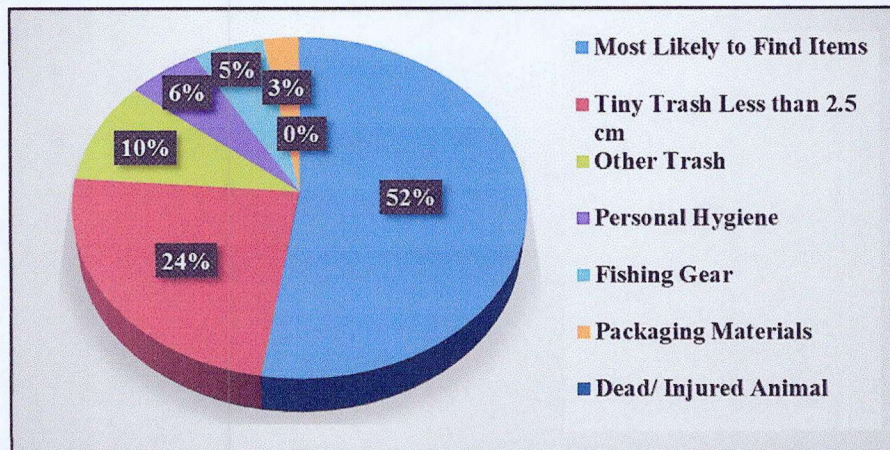


Figure 9. Percentage of trash categories collected during the coastal clean-up.

The significance of the event in achieving the goal of the MOO 2022 was evaluated through a post-event evaluation survey. Out of the 103 participants, about 66 (64%) of which voluntarily took part of the survey. The comments of respondents for the MOO 2022, and the suggestions/ recommendations for the next MOO were recorded. The Office shall consider film showing and tree planting of mangroves in simultaneous and/ or series with other activities in different areas per the suggestions/ recommendations of respondents in the succeeding MOO.

The event was attended by 103 participants (66 male and 37 female) with age group ranging from 8-75 years old coming from National Government Agencies (CENRO Socorro, PENRO Oriental Mindoro, Philippine Army, PNP-Regional Maritime Unit), Local Government Unit of Barangay Lazareto and volunteers (Fraternity and residents) (see Figure 10).



Figure 10. Coastal clean-up in Barangay Lazareto, Calapan City, Oriental Mindoro.



MONITORING OF MARINE TURTLE NESTING SITE IN BARANGAY TAGUMPAY, POLA, ORIENTAL MINDORO

The CENRO Socorro personnel monitored the shoreline of Barangay Tagumpay on June 10, 2022 with approximately 368.15 m of distance patrolled. The location site is a predominant white sand beach with some coral rubbles and sea shells. The vegetation is composed mainly of Talisay (*Terminalia catappa*) and Coconut (*C. nucifera*). About two (2) ephemeral stream with Nipa (*Nypa fruticans*) and Mangroves (*Rhizophora sp.*) are draining in the beach (see Figure 11).



Figure 11. Monitoring of marine turtle nesting site.



The threats observed during the monitoring include erosion, coastal development, commercialization and improper solid waste disposal. Soil and coastal erosion were noted because some parts of the road of the barangay is excavated and there are presence of exposed root system of trees near the water (see Figure 12). Cottages were also constructed with on-going tourism activities (see Figure 13). Likewise, solid waste were seen in the inconspicuous area of the beach (see Figure 14). In the said threats, anthropogenic factors can be managed and controlled.



Figure 12. Threats observed: Soil and coastal erosion.



Figure 13. Threats observed: Coastal development and commercialization.



Figure 14. Threats observed: Improper solid waste disposal.



Despite the threats, the LGU has conservation and protection initiatives such as the establishment and maintenance of their Marine Protected Area (MPA); mobilization of *Bantay Dagat*; and closed coordination with other concerned offices.

The CENRO Socorro personnel also interviewed key informants from the Barangay LGU. The 1st respondent is Ms. Vilma Pedragao, a Barangay Health Worker. Ms. Pedragao cited that her *Bantay Dagat* brother-in-law, Mr. Ricky Sapungan, encountered a mature marine turtle last May around 7:00 pm. The species reached the court in search for suitable nesting site. The area is approximately 10 meters away from the shore. The marine turtle then retreated as the area is cemented.

The species tried to nest near the waterline where sand exist, but the shallow root system of Talisay trees prevented it to do so. With the unsuitable site condition and nearness to the sea water, the marine turtle withdrawn and departed back to water to nest to other area.

Aside from that, Ms. Pedragao shared that she and her *Bantay Dagat* husband, Mr. Robert Sapungan, have multiple sightings of marine turtles as well as dolphins swimming within their municipal waters. Their recent encounter was also last month.

The 2nd respondent for the interview was Mr. Rico Mendez, a *Bantay Dagat* from Municipal Agriculturist's Office. He annotated that his fellow *Bantay Dagat* regularly conducted patrolling at night to protect the MPA against perpetrators. They also assist in the operations of nearby barangay. Last year, they facilitated the release of 93 marine turtle hatchlings in the adjacent Barangay Misong, Pola in coordination with the Municipal Disaster Risk Reduction and Management Office (MDRRMO) and Provincial Agriculturist's Office (PAgo). Meanwhile, five (5) of which are dead.

The barangay is absolutely a marine turtle nesting site. In this regard, the team requested the Barangay LGU to coordinate with the DENR-CENRO Socorro for possible nesting, emergence of hatchlings, stranding, injured, death and/ or poaching incidence with regards to marine turtles. The DENR through Executive Order No. 192 series of 1987 is mandated to be the primary agency responsible for conservation, management and protection of said animals. Further, the Republic Act No. 9147, otherwise known as the Wildlife Resources Conservation and Protection Act of 2001, has designated the department to have jurisdiction over the aforementioned endangered species.

The contact number and e-mail address of the Office were provided through letter dated June 08, 2022 for their reference. The information provided will serve as basis for the formulation and/ or implementation of programs/ activities/ projects with regards to the conservation, management and protection of marine turtles in the province.

Additionally, a total of 30 pieces of IEC campaign materials regarding marine turtles, birds, forests, MPA and Biodiversity-Friendly Enterprise (BDFE) were given to MENRO, MPDO and Barangay LGU to serve as reference in conservation, monitoring and enforcement activities. The barangay greatly appreciated and expressed their heartfelt gratitude for the IEC materials as these will help in their IEC and management of coastal and marine resources (see Figure 15-16).

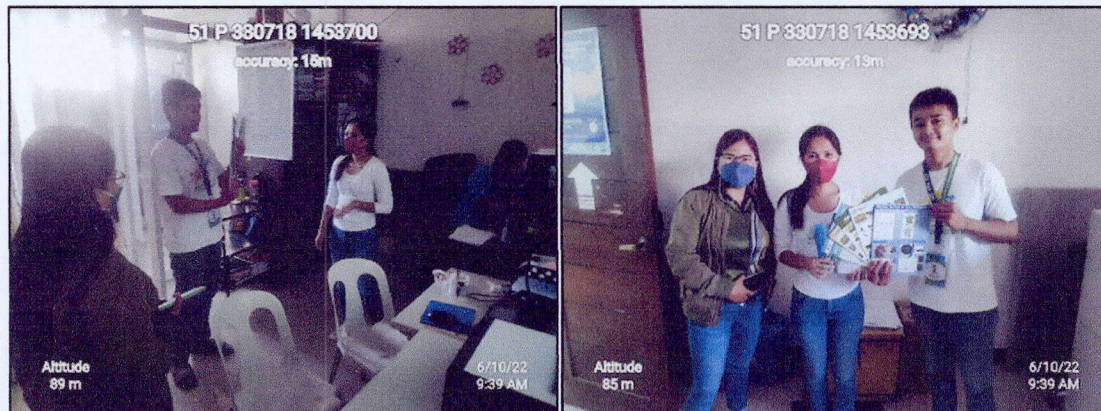


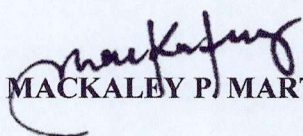
Figure 15. Courtesy call and distribution of IEC campaign materials to the MENRO and MPDC.

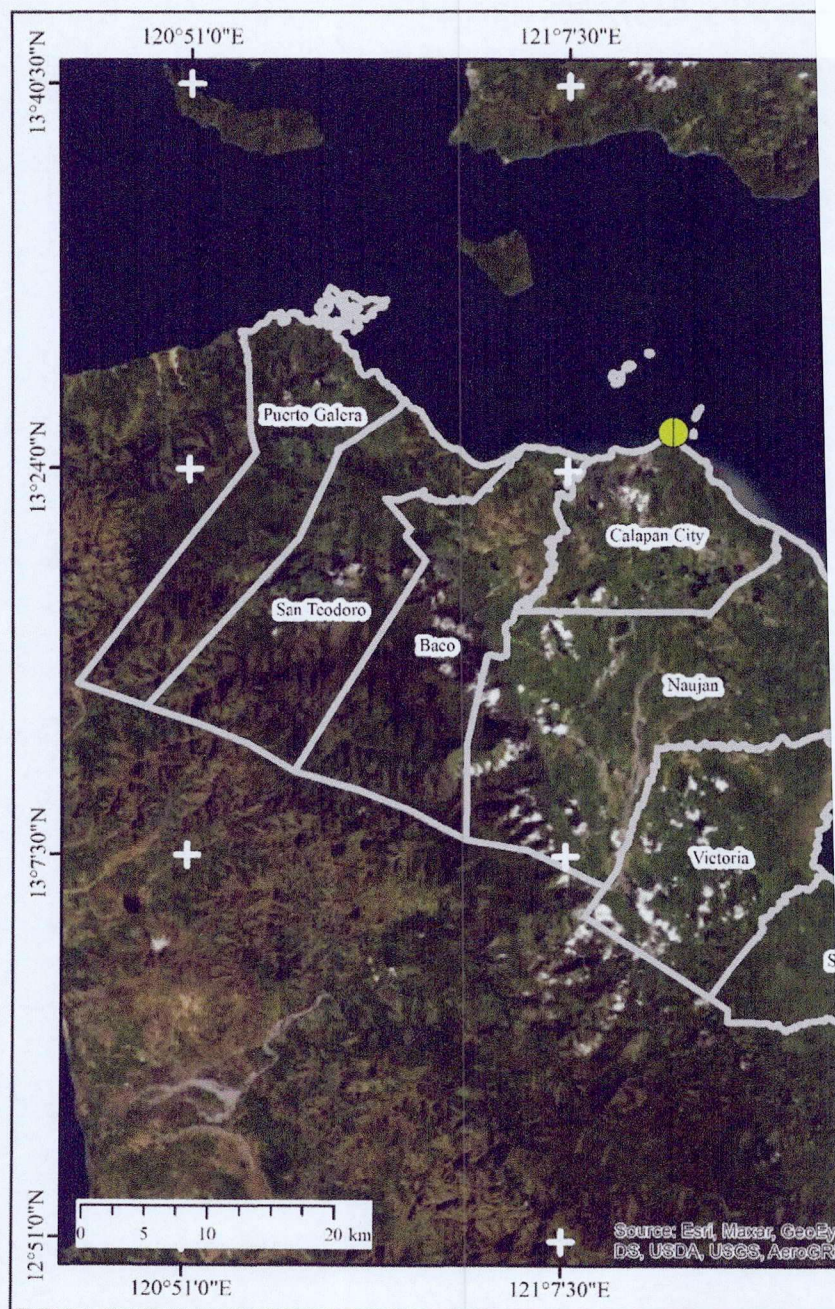


Figure 16. Courtesy call and distribution of IEC campaign materials to the LGU of Barangay Tagumpay, Pola, Oriental Mindoro.

Attached are the geo-tagged photos, communication letters and map of the report.

For information and record.


MACKALEY P. MARTINEZ



Philippines
Environment and Natural Resources
Department and Natural Resources Office
THE NESTING SITES MONITORED
IN MINDORO
QUARTER OF CT 1022



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13° 24' 00" N

13° 24' 00" N

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for information purposes and may not
be suitable for legal, engineering or
scientific and political boundaries and
other and for reference purposes
only.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
OFFICE OF THE SECRETARY
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Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Community Environment and Natural Resources Office

April 18, 2022

HON. REYNALDO A. MARCO
Municipal Mayor
Baco, Oriental Mindoro

THRU: In-Charge, MENR Office RICZAL RICO

Dear Mayor Marco:

Greetings of peace!

The Department of Environment and Natural Resources (DENR) through Executive Order No. 192 series of 1987 is mandated to be the primary agency responsible for the conservation, management, development and proper use of the country's environment and natural resources.

For this year, the DENR through the Community Environment and Natural Resources Office (CENRO) Socorro, Oriental Mindoro is currently conducting an inventory and updating of marine turtle conservation and nesting sites within our area of responsibility. Anent hereto, we humbly request for data and/ or information regarding nesting sites of marine turtles within your jurisdiction.

Further, we respectfully request for your coordination and/ or report to this Office any nesting, emergence of hatchlings, stranding, injured, death and/ or poaching incidence with regards to the said endangered species.

The information provided will serve as basis for formulation and/ or implementation of programs/ activities/ projects regarding conservation, management and protection of marine turtles in the province.

Should you have queries and/ or clarification, you may reach the CENRO Socorro through our Coastal and Wildlife Focal, Forester I Mackaley P. Martinez through +639102199969 or email at cenrosocorro@denr.gov.ph.

We are looking forward for your warm response and whole-hearted support regarding the matter.

Thank you so much.

w/
DEC materials

✓ Copies Guide to Phil. Birds
Phil. Flora
Marine Turtle

CENRO Socorro - CDS (Mackaley)

In conservation,

RODEL M. BOYLES
CENR Officer

Barangay Pasi II, Socorro, Oriental Mindoro
Tel. No.: (043) 285 - 7068
Email: cenrosocorro@denr.gov.ph

Hina kical canto
municipal stuff
04/19/22



May 16, 2022

HON. ALEXANDER C. LASCO

Barangay Chairperson

Barangay Lazareto, Calapan City, Oriental Mindoro

Dear Hon. Lasco:

Greetings of peace!

The Department of Environment and Natural Resources (DENR) through Executive Order No. 192 series of 1987 is mandated to be the primary agency responsible for the conservation, management, development and proper use of the country's environment and natural resources. Further, the Republic Act No. 9147, otherwise known as the Wildlife Resources Conservation and Protection Act of 2001, has designated the DENR to have jurisdiction over all terrestrial plant and animal species, all turtles and tortoises and wetland species, including but not limited to crocodiles, waterbirds and all amphibians and dugong.

Marine turtles are one of the threatened species prioritized for conservation and protection. For this year, the DENR through the Community Environment and Natural Resources Office (CENRO) Socorro, Oriental Mindoro is currently conducting an inventory and updating of marine turtle conservation and nesting sites within our area of responsibility. Based on our records, Barangay Lazareto is identified as an active marine turtle nesting site, with the latest nesting activity last February of this year. This is due to the relative location of Barangay which is within the biodiversity-rich Verde Island Passage (VIP).

Anent hereto, we humbly request for your assistance on May 20, 2022 to conduct monitoring of marine turtle nesting site within your area of jurisdiction. Further, we respectfully request for your coordination and/ or report to this Office any nesting, emergence of hatchlings, stranding, injured, death and/ or poaching incidence with regards to the said endangered species.

The information provided will serve as basis for formulation and/ or implementation of programs/ activities/ projects with regards to the conservation, management and protection of marine turtles in the province.

Should you have queries and/ or clarification, you may reach the CENRO Socorro through our Coastal and Wildlife Focal, **Forester I Mackaley P. Martinez** through this phone number: **+639102199969** or email at **cenrosocorro@denr.gov.ph**.

We are looking forward for your warm response and whole-hearted support regarding the matter.

Thank you so much.

Received by
[Signature]

CENRO Socorro – CDS and APMSS (Mackaley)

In conservation,

[Signature]
RODEL M. HOYLES
CENRO Officer

Barangay Pasi II, Socorro, Oriental Mindoro
Tel. No.: (043) 285 - 7068
Email: cenrosocorro@denr.gov.ph



June 08, 2022

HON. REXON P. MOLINA

Barangay Chairperson
Barangay Tagumpay, Pola, Oriental Mindoro

Dear Hon. Molina:

Greetings of peace!

The Department of Environment and Natural Resources (DENR) through Executive Order No. 192 series of 1987 is mandated to be the primary agency responsible for the conservation, management, development and proper use of the country's environment and natural resources. Further, the Republic Act No. 9147, otherwise known as the Wildlife Resources Conservation and Protection Act of 2001, has designated the DENR to have jurisdiction over all terrestrial plant and animal species, all turtles and tortoises and wetland species, including but not limited to crocodiles, waterbirds and all amphibians and dugong.

Marine turtles are one of the threatened species prioritized for conservation and protection. For this year, the DENR through the Community Environment and Natural Resources Office (CENRO) Socorro, Oriental Mindoro is currently conducting an inventory and updating of marine turtle nesting sites within our area of responsibility. Based on our records, Barangay Tagumpay is identified as a marine turtle nesting site. This is due to the relative location of Barangay which is within the biodiversity-rich Verde Island Passage (VIP).

Anent hereto, we humbly request for your assistance on June 10, 2022 to conduct monitoring of marine turtle nesting site within your area of jurisdiction. Further, we respectfully request for your coordination and/ or report to this Office any nesting, emergence of hatchlings, stranding, injured, death and/ or poaching incidence with regards to the said endangered species.

The information provided will serve as basis for the formulation and/ or implementation of programs/ activities/ projects with regards to the conservation, management and protection of marine turtles in the province.

Should you have concerns, queries and/ or clarification, you may reach the CENRO Socorro through our Coastal and Wildlife Focal, **Forester I Mackale P. Martinez** through this phone number: **+639102199969** or email at **cenrosocorro@denr.gov.ph**.

We are looking forward for your warm response and whole-hearted support regarding the matter.

Thank you so much.

For and in the absence of the CENR Officer:

[Signature]
Kosime S. Mender
CENRO Socorro - CDS and APMSS (Mackaley)

Kosime S. Mender
June 10-22


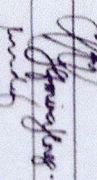
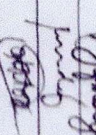
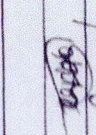
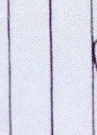
Barangay Pasi II, Socorro, Oriental Mindoro
Tel. No.: (043) 285 - 7068
Email: cenrosocorro@denr.gov.ph

[Signature]
LEO G. NAPON
DMO IV/ In-Charge, Office of the CENRO



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

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