



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Provincial Environment and Natural Resources Office

Region IX, Zamboanga Peninsula

Ipil, Zamboanga Sibugay

(062) 955-2507 ✉ penrozambosibugay@denr.gov.ph

Technical Services Division

ENDORSEMENT

FOR : THE IN-CHARGE, OFFICE OF THE
REGIONAL EXECUTIVE DIRECTOR AND
CONCURRENT ARD FOR TECHNICAL SERVICES
DENR-R9, Pres. Corazon C. Aquino Regional Gov't. Center
Balintawak, Pagadian City

FROM : THE PENR OFFICER
Ipil, Zamboanga Sibugay

SUBJECT : CONSOLIDATED REPORT ON THE CY 2022 2ND QUARTER
PAWIKAN NESTING SITE MONITORED/MANAGED UNDER
PENRO SIBUGAY

DATE : JUNE 17, 2022

Respectfully submitting to your end is the consolidated report on the conduct of Pawikan Nesting Site monitored/managed for the 2nd Quarter of CY 2022 under CENROs Zamboanga City, Imelda, and Kabasalan.

Please refer to the attached matrix for your reference.

For information and record.

*For and in the absence of the
PENR officer:*

GEORGINA L. FERNANDEZ
Chief, Conservation and Development Section
In-Charge, Office of the PENRO

DENR. IX PENRO
IPIL, SIBUGAY

RELEASED

DATE: 06/17/2022

SIG. [Signature]

REGION: Zamboanga Peninsula
Period covered: 2nd Quarter, CY 2022

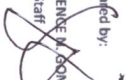
Instruction: The threatened species report matrix presents the consolidated and summary of field activity reports of CENROs and PENROs, including activity reports of partners organizations, on threatened species included in the Department's annual operational planning guidelines. The summary report matrix should be submitted on a quarterly basis and should be substantiated by narrative report, including the prescribed data sheets (e.g. prescribed for certain species of field offices).

Priority Threatened Species for monitoring (refer to the National Expenditure Guidelines for threatened species applicable to your region)	Population verification survey/monitoring		Habitat management		Rescue and release		Other Activities		Conclusions and recommendations (e.g. findings, issues and concerns arising from the analysis of the consolidated data, and corresponding recommendations on follow up actions to address threats, issues or improved conservation effort)
	Location (with coordinates)	No. of individuals sighted or population count/ estimate per site	Habitat managed inside/outside PAs	Threats observed/ documented (incidence of habitat destruction, illegal hunting, illegal trade, strandings,	No. of individuals rescued/ rehabilitated	No. of individuals released	Communication, Education, Participation, and Awareness (CEPA)	Partnership with other organizations	
1. Marine Turtle	1. Pandiusan Island, Payao, Zamboanga Sibugay (7°27'48"N 122°41'26" E)	One (1) Hawksbill Turtle (<i>Eretmochelys imbricata</i>)	None	None	Seventy-six (76) hatchlings	None	None	None	Findings: During the teams visit on April 22, 2022, the tracks of pawikan could not be seen for the fact that the area nested could be reach by high tide. Per interview, the Pawikan is believed to be a hawksbill species due to its curved bill. On April 21, 2022 at around 7am the seventy-six (76) eggs were translocated in an area (7°27'48"N 122°41'26" E) unreachable by waves or high tide.
	2. Sibulan Island, Mabuhay, Zamboanga Sibugay (7°25'55"N 122°55'41" E)	None	None	None	None	None	None	None	Findings: In Sibulan Island during the team's visit there were not able to sight any tracks of marine turtle nest. However, per key informant interview, an agar-agar growers confirmed that there were still pawikan inhabiting within the coastal waters of Tantanang Bay. There was a time when a pawikan was trapped in a fish corral yet immediately released.
	3. Litayon Island, Alicia, Zamboanga Sibugay (7°27'32"N 122°57'45" E)	None	None	None	None	None	None	None	Findings: The team proceeded to Litayon Island to continue the conduct of monitoring activity. Unfortunately, there were no sightings of marine turtle nest in the area.

	4. Sirommon Island, Barangay Dia, Zamboanga City (7°10'26"N 122° 17' 12" E)	None	None	None	None	None	None	None	None	Findings: The team conducted the monitoring activity for paawlian nesting site at Sirommon Island, Zamboanga City. The team conducted interview with some of the residents in the area, however, there were no active nest during the visit.
	5. Great and Little Sta. Cruz Islands Protected Landscape and Seascope, Zamboanga City (6°52'20" N 122° 3' 32.21" E)	Two (2) Marine turtle clutch	GISCIPLS	None	None	None	None	None	None	Findings: The team was able to observed/record two (2) marine turtle nest/clutch. On May 6, 2022, the team conducted habitat assessment and evaluation on the Marine turtle nest/clutch using the prescribes Annex A.1. Habitat Assessment and Evaluation form as well as interviewed a local resident and LGU-PAMO Staff on habitat survey and sightings of marine turtle within Great and Little sta. cruz Island Protected Landscape and Seascope using the Annex A. Interview form.
	6. Tigburacao Island, Barangay Tumitus, Zamboanga City (51 N 437782 812341)	One (1) Hawksbill Turtle clutch (<i>Eretmochelys imbricata</i>)	None	None	One hundred twenty-eight (128) live hatchlings of Hawksbill Turtle (<i>Eretmochelys imbricata</i>)	None	None	None	None	Findings: During the teams visit, one (1) marine turtle clutch had already hatched. The One hundred twenty-eight (128) live hatchlings of Critically endangered Hawksbill turtle (<i>Eretmochelys imbricata</i>) emerged from the nesting site on May 11, 2022, however, twenty-one (21) were considered spoiled/unhatched eggs. Unfortunately, the releasing of hatchlings were not properly documented by the island warden and local residents due to non-availability of mobile phone with camera. For date there are Nine (9) identified marine turtle site at Tigburacao Island. Recommendations: In view of the nesting frequency at Tigburacao Island, the team recommends that the latter be included in the Monitoring of Nesting site for conservation and protection.

7. Buluan Island, Buluan, Ipil, Zamboanga Sibugay (7°52'10" N 122° 33' 39" E)		None	None	None	None	None	None	None	Findings: The team conducted monitoring of the identified Pawikan nesting site in Buluan Island, Buluan, Ipil, Zamboanga Sibugay. On May 10-11, 2022, the Bantay Sanctuary leader and other members said that there were no sightings or presence of Pawikan along the shoreline of the island during the said fieldwork. The members of the Bantay Sanctuary promised to help the Department in monitoring and protecting Pawikan from any harm and will immediately report to the office if sightings or nesting will occur.
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Prepared by:



TEREENSE M. GOMERA

CDS Staff

Reviewed by:



GEROLINDA FERNANDEZ

Chief, Conservation and Development Section



Republic of the Philippines
Department of Environment and Natural Resources
Community Environment and Natural Resources Office
2nd Congressional District
DENR, R9, Simbol, Kabasalan, Zamboanga Sibugay

MEMORANDUM

FOR : The Regional Executive Director
DENR IX, PCCA Regional Government Center
Balintawak, Pagadian City

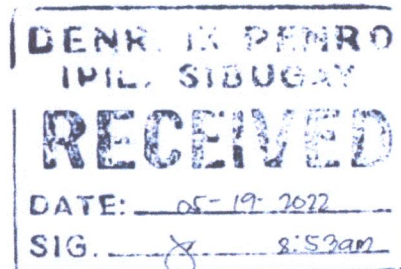
ATTENTION : Chief, PAMBC Section

THRU : The OIC-PENR Officer
DENR IX, Ipil, Zamboanga Sibugay

FROM : The OIC-CENR Officer
DENR, CENRO-Kabasalan, Simbol,
Kabasalan, Zamboanga Sibugay

SUBJECT : ACCOMPLISHMENT REPORT ON MONITORING, PROTECTION
AND CONSERVATION THREATENED WILDLIFE SPECIES MARINE
SEA TURTLE (PAWIKAN)

DATE : MAY 17, 2022



ACTIVITY	SUMMARY OF ACCOMPLISHMENT
Marine Sea Turtle (Pawikan), Nesting sites monitored/managed	Conducted Monitoring, Protection and Conservation of threatened wildlife species, Marine Sea Turtle (Pawikan), in their identified nesting habitat at Buluan Island, Municipality of Ipil, Zamboanga Sibugay. Please be informed that for the period from May 10-11, 2022 this Office Coordinated Mr. Norberto B. Dagumo (team leader of the Bantay Sanctuary/ Marine Protected Area (MPA) hired by the LGU of Ipil ZSP According to his team for this period they had not notice any presence of the reptile along the shoreline of the island perhaps due to the heavy rainfall that had occurred this season. The members of said Bantay Sanctuary promised to help us in monitoring and protecting said turtle from any harm and immediately report to the office if sightings and nesting will occur.

For information and record.



KABASALAN, Z.S.
DATE 5-18-2022 TIME 4:40 PM
BY [Signature] #401

 DENNIS N. CATALAN



Republic of the Philippines
Department of Environment and Natural Resources
Community Environment and Natural Resources Office
2nd Congressional District
DENR, R9, Simbol, Kabasalan, Zamboanga Sibugay

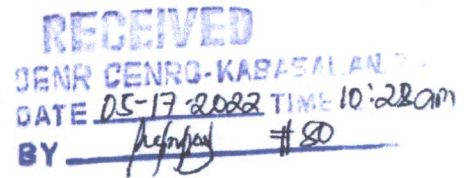
May 16, 2022

MEMORANDUM

FOR : The OIC-CENR Officer
DENR, CENRO-Kabasalan, Simbol,
Kabasalan, Zamboanga Sibugay

FROM : MARYJOY V. ELLIMA ET AL
Biodiversity Conservation Unit
This Office

SUBJECT : MONITORING, PROTECTION AND CONSERVATION
THREATENED WILDLIFE SPECIES (MARINE SEA TURTLE)



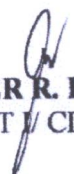
Please be informed that for the period from May 10-11, 2022, the undersigned personnel of this Office under the Conservation and Development Section (CDS) conducted Monitoring, Protection and Conservation of threatened wildlife species, Marine Sea Turtle (Pawikan), in their identified nesting habitat at Buluan Island, Municipality of Ipil, Zamboanga Sibugay.

Hereunder are the team's observations/ findings during the conduct of the above-mentioned activity to wit;

Threatened Species	Identified Location	Performance/ Output Indicator	Observations/ Findings
Marine Sea Turtle (Pawikan)	Buluan Island, Buluan, Ipil, Zamboanga Sibugay	Nesting sites monitored/managed	On May 10, 2022, the team conducted monitoring of the identified Pawikan nesting site in Buluan Island, Buluan, Ipil, Zamboanga Sibugay. During the conduct of said monitoring, the team coordinated with Mr. Norberto B. Dagumo (team leader of the Bantay Sanctuary/ Marine Protected Area (MPA) hired by the LGU of Ipil ZSP), Mr. Ruben P. Marter/ member and Ramil D. Balingit/ member According to them for this period they had not notice any presence of the reptile along the shoreline of the island perhaps due to the heavy rainfall that had occurred this season. The members of said Bantay Sanctuary promised to help us in monitoring and protecting said turtle from any harm and immediately report to the office if sightings and nesting will occur.

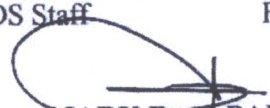
Please see attached map, geotagged photos and interview form for turtle nesting site monitoring.

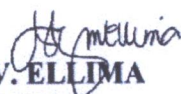
For information and record.

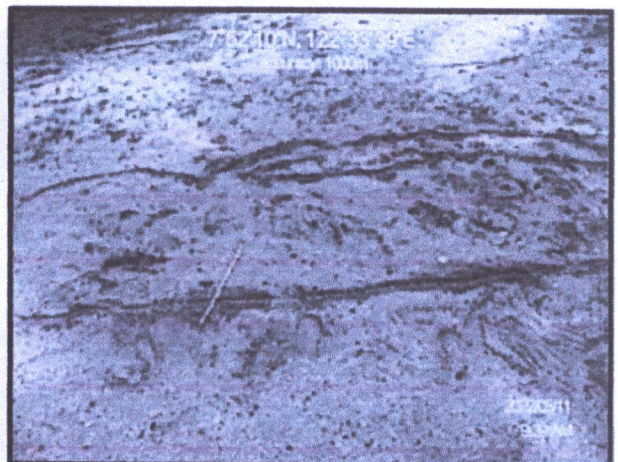
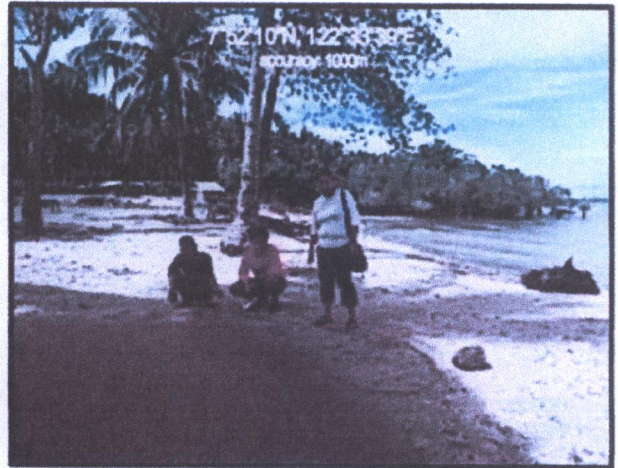
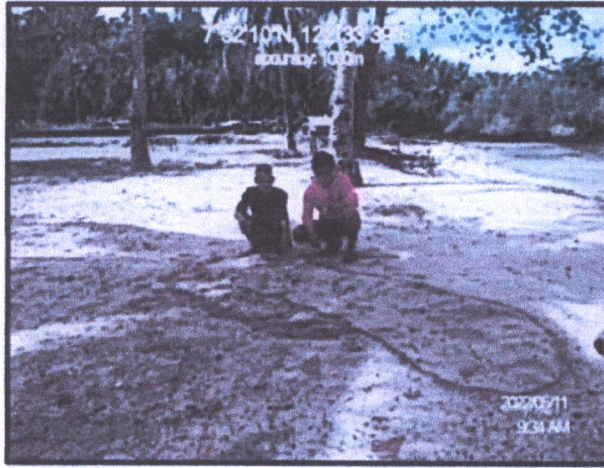

ROGER R. PAGLINAWAN
FT I/ CDS Staff


JESSICA S. MOLAS
FT I/ CDS Staff


CIRILO B. BAJAO
Scaler/ CDS Staff


MARK R. ALPAD
FT II/ GIS Focal


MARY JOY V. ELLIMA
For. I/ Chief, BCU



Geo-tagged photos taken Last May 11, 2022 During the conduct of Monitoring on the identified nesting sites of Marine Sea Turtle (Pawikan) at Buluan Island, Barangay Buluan, Municipality of Ipil, Zamboanga Sibugay

INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

Petsa ng Interview: MAY 11, 2022

Lugar: Buluang Ipil, Buluan Island, Zamboanga Sibugay

Tagatugon (respondent)

Pangalan: RICKY T. SAYSON Edad: 35

Kasarian (☒) Lalaki () Babae

Status () single (☒) may asawa {bilang ng anak 2}

Angkan (pinagmulan ng lahi) : Bisaya

Hanap buhay : Bantay Dagat

Tirahan : Ipil, Zamboanga Sibugay

May sariling bangka () meron (☒) wala () nagrerenta

Klase ng bangka () de-motor () de-sagwan () iba pa wala

Laki ng bangka (metro?) _____ Bilang ng taong pwedeng sumakay N/A

Uri/klase ng pangangisda (fishing operation) N/A

Oras/panahon ng pangangisda N/A

Lugar kung saan nangangisda N/A

Nakakita na po ba kayo ng pawikan? (☒) oo () hindi

Sa buong taon, tuwing kailan kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan na nakikita (species)	Iba pang komento
		Pangalan ng beach	Pangalan ng dagat				
May 6, 2022	1	Buluang Island	Buluang, Ipil, ZS	Isang talampakan	Pinapakawalan		

Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:

(☒) dumadami () umu-unti () di nagbago

Sa inyong palagay, ano kaya ang dahilan nito? Dahil sa umuunlad na kaalaman o tungkol sa pagpapahalaga ng pawikan, o karunungan ng mga tao para alagaan ang mga pakiwan.

Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?

(☒) hinahayaan lang Kung makikitang walang iniindang karamdaman ang pawikan.

() hinuhuli at ... () kinakatay () ginagawang alaga () inirereport o dinadala sa awtoridad

() iba pa Nagreport sa DENR/LGU lalo na kung nangingitlog sa isla minsan nahuhuli sila sa mga lambat.

May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingisda? (☒) meron () wala
Sa anong paraan ng pangingisda mas may nahuhuling pawikan? Sa ngayon hindi na sila manghuhuli / sa pangingisda ng lambat.

Sa buong taon, tuwing kailan kayo nakakahuli ng pawikan? Depende lang at sa ngayon wala ng nahuling pawikan.

Buwan (month/s of the year)	Bilang ng pawikan na nahuhuli	Lugar saan nahuhuli		Laki ng pawikan na nahuhuli	Ginagawa ng pawikan nung nahuli	Uri ng pawikan na nahuhuli (species)	Iba pang komento
		Pangalan ng beach	Pangalan ng dagat				
N/A	N/A	N/A	N/A	-	-	-	-

Kapag may nahuhuling pawikan, ano ang ginagawa ditto?

(☒) pinapakawalan

() dinadala sa pampang para... () katayin ... { } lutuin { } ibenta [presyo _____] { } pang regalo
() gawing alaga

(☒) dalhin sa awtoridad

() iba pa Kung walang sugat, kung meron inireport sa DENR/LGU.

Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan? (☒) oo () hindi

Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

(☒) DENR () Fisheries () Pulis/Militar () Mayor/LGU () iba pa _____

Napapatupad ba ang mga batas dito tungkol sa pawikan? (☒) oo () hindi

May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

() meron (☒) wala

Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw? Kulong at may penalty.

Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbenta ng mga pawikan?

(☒) oo () hindi

Bakit po kaya? Para maprotektahan ang kasalukuyang mga pawikan at maipreserba.

() iba pa DENR/LGU

Sa anong paraan ng pangingsda mas may nahuhuling pawikan? Sa ngayon hindi na sila manghuhuli / sa pangingsda ng lambat.

pawikan.

None	-	-	-	-	-	-	-

(x) pinapakawalan

() gawing alaga

() iba pa Kung walang sugat, kung meron inireport sa DENR/LGU.

Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw? Kulong at may penalty.

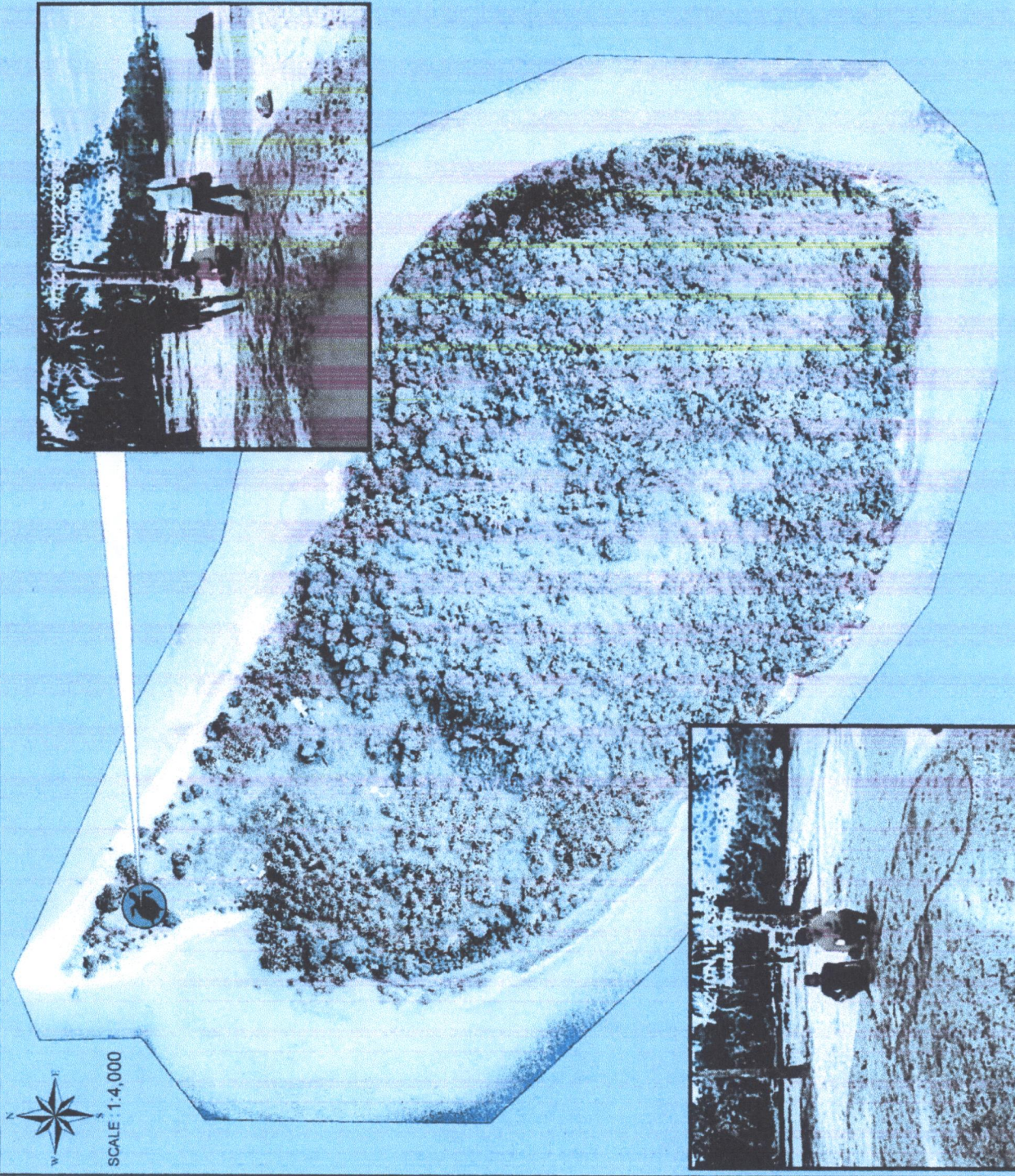
(*) oo () hindi

Bakit po kaya? Para maprotektahan ang kasalukuyang mga pawikan.

122°32'30"E 122°32'40"E 122°33'00"E



SCALE 1:4,000



Republic of the Philippines
Department of Environment and Natural Resources
Community Environment and Natural Resources Office
Kabasalan, Zamboanga Sibugay Province

MAP
SHOWING THE
LOCATION OF THE MONITORED NESTING
SITES OF MARINE TURTLE/PAWIKAN

LOCATED AT:
BARANGAY OF : BULUAN (ISLAND)
MUNICIPALITY OF : IPIL
PROVINCE OF : ZAMBOANGA SIBUGAY
ISLAND OF : MINDANAO

DATUM: WGS 1984 UTM Zone 51N
PROJECTION: GEOGRAPHICAL COORDINATES

Location Map



THIS SITE

Legend



IDENTIFIED NESTING

PREPARED BY:

MARK R. ALPAD
Forest Technologist Focal Person

MONITORED BY:

ROGER P. PAGLINAWAN
Forest Tech. I

JESSICA L. MOLAS
Forest Tech. I

MARY JOY VELLELLA
Forester I

ATTESTED BY:

REYNALDO C. CUARESMA
DMO III, Chief, CDS

122°32'30"E 122°32'40"E 122°33'00"E



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Community Environment & Natural Resources Office
CENRO ZAMBOANGA CITY
Gen. Vicente Alvarez St., Zamboanga City
(062)957-4992 (062)933-7479 cenrozamboangacity@gmail.com

MEMORANDUM

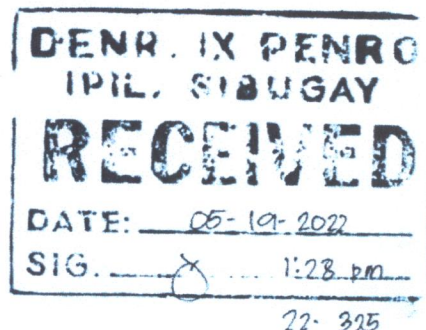
FOR : **THE REGIONAL EXECUTIVE DIRECTOR**
DENR IX PCCA Regional Gov't Center
Balintawak, Pagadian City

THRU : **THE PENR OFFICER**
PENRO, Zamboanga Sibugay
Ipil, Zamboanga Sibugay

FROM : **THE CENR OFFICER**
CENRO, Zamboanga City

SUBJECT : **ACCOMPLISHMENT REPORT ON MONITORING
OF MARINE TURTLE NESTING SITE**

DATE : **MAY 12, 2022**



Respectfully forwarded to that end is the report from the PAMBCU with regards to the above cited subject conducted on May 3-6, 2022 at Great and Little Sta. Cruz Islands Protected Landscape and Seascape, Barangay Sta. Barbara and Sirommon Island, Barangay Dita, Zamboanga City

ACTIVITY	SUMMARY OF ACCOMPLISHMENT
MONITORING OF THREATENED SPECIES — MARINE TURTLE NESTING SITE MONITORING	
SIROMMON ISLAND, BARANGAY DITA, ZAMBOANGA CITY	➤ On May 5, 2022, the PAMBCU team conducted the monitoring activity on pawikan nesting site at Sirommon Island, Dita, Zamboanga City. The team conducted interview with some of the residents in the area, however, there was no active nest during the visit. According to Mr. Tung Samson (island warden), since the last monitoring, there were no more sightings of marine

GLSCIPLS, BARANGAY STA.
BARBARA, ZAMBOANGA CITY

on both areas (playa Isabel and front beach area).

- On May 6, 2022, the PAMBCU team together with Allan Taup (Pump boat operator) and representative from PAMO-LGU staff went to Great Sta. Cruz Island to conduct pawikan nest site monitoring. The team was able to monitor/observed and record Two (2) Marine Turtle nest/clutch with a geographic location of longitude 122°3'32.21"E, latitude 6°52'22.10"N (beach area).

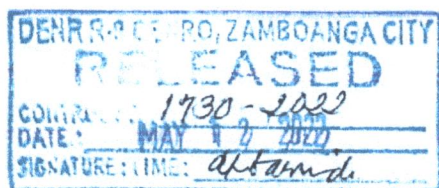
In addition, the team conducted habitat assessment and evaluation on the Marine turtle nest/clutch using the prescribed ANNEX A.1 Habitat Assessment and Evaluation form as well as interviewed Mr. Usman Hajal a local resident and LGU - PAMO staff on habitat survey and sightings of marine turtle within the Great and little Sta. Cruz Island using the ANNEX A. Interview form.

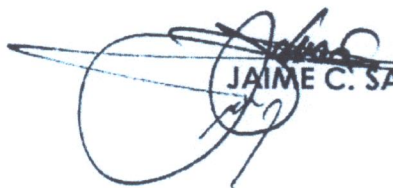
*TIGBURACAO ISLAND,
BARANGAY TUMITUS,
ZAMBOANGA CITY

- There are Nine (9) identified active Marine turtle nest/clutch at Tigburacao Island as of to date.

On May 8, 2022, one (1) marine turtle nest clutch that was laid on March 11, 2022 hatched resulting to 149 marine turtle eggs. Only 128 hatchlings emerged and 21 were spoiled/unhatched eggs. The hatchlings were identified as hawksbill turtle, a critically endangered species.

For information and record.




JAIME C. SALVADOR



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Community Environment & Natural Resources Office
CENRO ZAMBOANGA CITY
Gen. Vicente Alvarez St., Zamboanga City
(062)957-4992 (062)933-7479 cenrozamboangacity@gmail.com

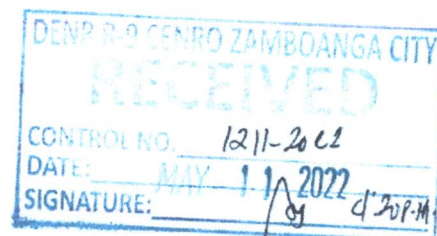
MEMORANDUM

FOR : THE CENR OFFICER
CENRO ZAMBOANGA CITY
This City

FROM : THE UNDERSIGNED
This Office

SUBJECT : ACCOMPLISHMENT REPORT ON MARINE TURTLE
NESTING SITE MONITORING AT SIROMMON ISLAND,
ZAMBOANGA CITY

DATE : MAY 10, 2022



In line with the approved travel order for the period from May 4-6, 2022 re:
To Conduct Monitoring of Pawikan Nesting Site at Sirommon Island, this City.

The objective of the activity is to obtain nesting site information/s through habitat assessment and evaluation, habitat survey, nesting/sighting verification and protection, and releasing of hatchlings.

The marine turtle nesting sites at Sirommon Island, Barangay Dita, Zamboanga City belongs to the critically endangered **Hawksbill turtle** (*Eretmochelys imbricata*) and **Green Sea Turtle** (*Chelonia mydas*) this was the first record of nesting incidence last 2019 to August 8, 2021.

On May 5, 2022, the team conducted the monitoring activity on pawikan nesting site at Sirommon Island, Dita, Zamboanga City. The undersigned conducted interview some of the residents in the area, however, there was no active nest during the visit. According to Tung Samson (island warden), that since the last monitoring made, there was no more sightings of marine turtles on both areas (playa Isabel and front beach area).

However, last May 8, 2022 in the morning Mr. Ahmad Sahac personnel/technical staff of OCENR informed the office regarding the hatchling incidence at Tigburacao Island. The following information was relayed to us. One (1) marine turtle nest/clutch that was laid last March 11, 2022 had already

hatched. A total of One Hundred Twenty-eight (128) live hatchlings of Critically Endangered **Hawksbill turtle** (*Eretmochelys imbricata*) emerged from the nesting site, however, Twenty-one (21) were considered spoiled/unhatched eggs. The incubation period covers Fifty-eight (58) days. Unfortunately, the releasing of hatchlings were not properly documented by the Island warden and local residents due to non-availability of mobile phone with camera.

In addition, there were Nine (9) identified active Marine turtle nest/clutch at Tigburacao island. While the eggs are on its incubation stage, they were protected using pre-fabricated enclosure (plastic screen with bamboo splits) surrounding the eggs clutch and being monitored by the local residents and island warden in the said area.

In view of the nesting frequency at Tigburacao Island, the team recommends that the latter be included in the Monitoring of Nesting Site for conservation and protection.

For information and record.



JOAN L. REBOLLOS
Forest Technician I



GERRY L. CANETE JR.
Forest Technician I



VANESSA JOY G. DAEL
Admin Aide VI

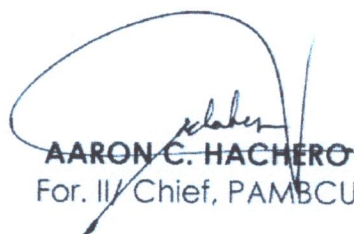


KARINA D. ESTRELLA
Forest Technician II



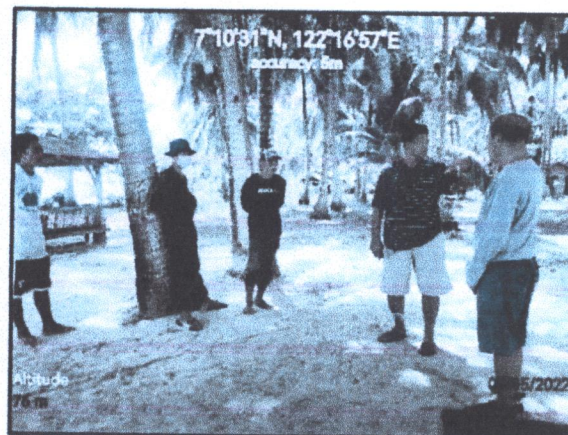
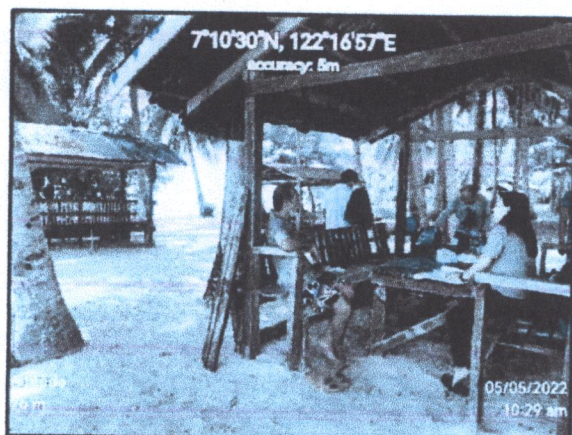
JACQUELINE D. ISHMAEL
Forester I

Attested by:



AARON C. HACHERO
For. II/ Chief, PAMBCU

PHOTO DOCUMENTATION



Photos showing the PAMBCU staff conducts interview to some local residents and Island warden at Sirommon island, Barangay Dita, Zamboanga City

PAWIKAN NESTING SITE

SIROMMON ISLAND, DITA, ZC
BUH-BUH ISLAND, PANI-BIGAN, ZC
BISAYA-BISAYA ISLAND, PANI-BIGAN, ZC

Legend

PAWIKAN NESTING ISLAND

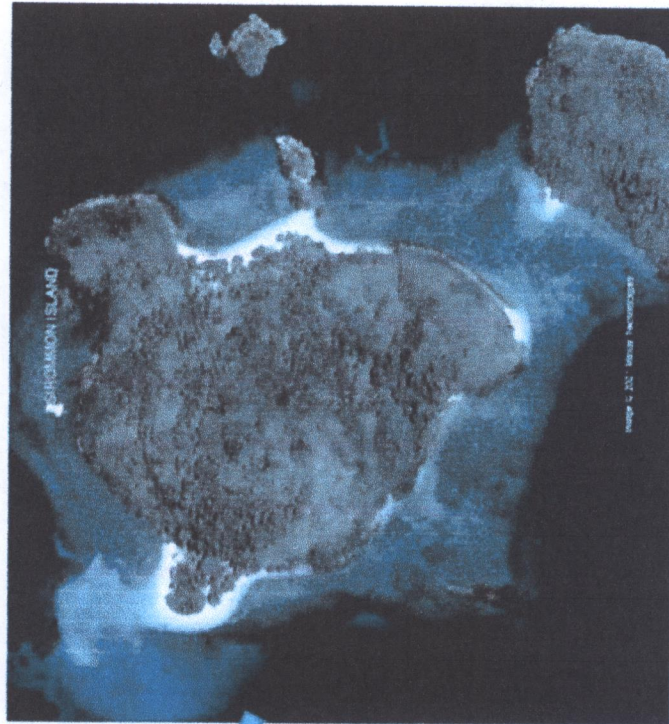
SIROMMON ISLAND

Moro Gulf

Kabugan Island

BUH-BUH ISLAND

BISAYA BISAYA ISLAND



Google Earth

Data Sourced from:
© 2008 Google
Images © 2008 Mapbox, Google

N

3 km

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

1. Petsa ng Interview: May 5, 2022
2. Lugar: Sirromon Island, Barangay Dita, Zamboanga City
3. Tagatugon (respondent)
4. Pangalan: Memeng Udjarin Edad: 59
5. Kasarian: (/) Lalaki () Babae Status: () Single (/) May asawa (bilang ng anak): 2
6. Angkan (pinagmulan ng lahi): Samal bangingi
7. Hanap buhay: Island Warden
8. Tirahan: Sirromon Island, Dita, Zamboanga City
9. May sariling bangka: (/) meron () wala () nagrerenta
10. Klase ng bangka : (/) de-motor () de-sagwan () iba pa
11. Laki ng bangka (metro): 5.18 Bilang ng taong pwedeng sumakay: 15
12. Uri/klase ng pangingisda (fishing operation): line fishing
13. Oras/panahon ng pangingisda: Umaga (6-7 am)
14. Lugar kung saan nagingisda: Palibot ng isla
15. Nakakita na po ba kayo ng Pawikan? (/) Oo () Hindi
16. Sa buong taon, tuwing kalian kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakita	Ginagawa ng Pawikan nung nakita	Uri ng pawikan na Nakita (species)	Iba pang komento
		Pangalan ng beach	Pangalan ng dagat				
Kada buwan	1-2		Onse islas	May maliit- malaki	Lumalangoy gumagapang	Ibat-iba	

17. Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:
(/) dumadami () umu-unti () di nagbago
18. Sa inyong palagay, ano kaya ang dahilan nito?
Dahil sila ay pino protektahan at inaalagaan

19. Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?
☐ hinahayaan lang
☐ hinuhuli at ☐ kinakatay ☐ ginagawang alaga ☐ inirereport o dinadala sa Awtoridad
☐ Iba pa _____
20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingisda?
☐ meron ☐ wala
21. Sa anong paraan ng pangingisda mas may nahuhuling pawikan?
Walang sagot
22. Kapag may nahuhuling pawikan, ano ang ginagawa dito? Bakit
☐ pinapakawalan
☐ dinadala sa pampang para ☐ katayin ☐ Lutuin ☐ Ibenta{presyo ☐ pang regalo
☐ ginagawang alaga
☐ dalhin sa Awtoridad
☐ Iba pa _____
23. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?
☐ Oo ☐ Hindi
24. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?
☐ DENR ☐ Fisheries ☐ Pulis/Militar ☐ Mayor/LGU ☐ iba pa _____
25. Napapatupaad ba ang mga batas dito tungkol sa pawikan? ☐ Oo ☐ Hindi
26. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?
☐ meron ☐ wala
27. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw?
WALA
28. Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbebenta ng mga pawikan?
☐ Oo ☐ Hindi
29. Bakit po kaya?
Kakaunti na lamang ang populasyon ng pawikan at kailangan silang maprotektahan

ANNEX A.1 HABITAT ASSESSMENT AND EVALUATION

1. Date of Assessment: May 5, 2022
2. Location: Sirromon Island, Barangay Dita, Zamboanga City
3. GPS Coordinates: 7°10'26"N 122°17'12"E
4. (Description of Sand: ☐ black/gray ☐ white ☐ mixed ☐ others
☐ fine ☐ coarse ☐ with coral rubble
☐ mixed with soil Other findings: _____

5. Beach Vegetation (list species in table below):

Talisay	Bacauan
Coconut	
Mango tree	
Pagatpat	
Piagaw	

6. Beach Measurement:

Details	Measurement	GPS Coordinates
Beach length (measure perpendicular length of marine turtle nest to the highest tide mark)	5 meters	7°10'25" N 122°17'11"E
Beach width (measure parallel length of beach on two points, noting only areas as possible nesting ground)	300 meters	7°10'26" N 122°17'12"E

7. Nesting abundance: NONE
8. Marine turtle tracks seen during visit: ☐ yes ☐ no
9. Number of complete track/s (tracks coming up the beach & going down): NONE
10. Number of incomplete track/s (tracks either coming up the beach only or going down only): NONE
11. Marine turtle track details: Outer track width (cm): NONE
Inner track width (cm): NONE
12. Marine turtle nest/seen during visit: ☐ yes ☐ no
If yes, number of active nest/s: NONE number of inactive/old nest/s: NONE
13. With signs of predation: ☐ yes ☐ no
If yes, identification of possible predator: _____
14. Marine turtle hatchling tracks seen during visit: ☐ yes ☐ no
15. Marine turtle eggs seen: ☐ yes ☐ yes, but no signs of development ☐ none
16. Marine turtle egg shells seen: ☐ yes ☐ none

Other Observation during visit:



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Community Environment & Natural Resources Office
CENRO ZAMBOANGA CITY
Gen. Vicente Alvarez St., Zamboanga City
(062)957-4992 (062)933-7479 cenrozamboangacity@gmail.com

MEMORANDUM

FOR : THE CENR OFFICER
CENRO ZAMBOANGA CITY
This City

FROM : THE UNDERSIGNED
This Office

SUBJECT : ACCOMPLISHMENT REPORT ON MARINE
TURTLE NESTING SITE MONITORING AT STA CRUZ ISLAND,
ZAMBOANGA CITY

DATE : MAY 10, 2022

There are seven (7) species of marine turtles in the world. Six (6) of these are found in Southeast Asia. Five of these can be found in the Philippines, namely **Green sea turtle** (*Chelonia mydas*), **Hawksbill turtle** (*Eretmochelys imbricata*), **Olive ridley turtle** (*Lepidochelys olivacea*), **Leatherback turtle** (*Dermochelys coriacea*) and **Loggerhead turtle** (*Caretta caretta*). The green sea turtle, hawksbill turtle, olive ridley turtle and leatherback turtle have nesting grounds throughout the country. The loggerhead turtle on the other hand feeds on the country's rich marine resources. All five (5) species of marine turtles in the Philippines are threatened.

Marine turtles are known to have nesting fidelity throughout their reproductive years. Successful reproduction is therefore dependent on the availability of suitable nesting beaches. However, nesting beaches are threatened by continuous developments and increased human activities. This may lose to physical loss of the nesting beach itself or decline in suitability due to introduction of solid waste and other forms of disturbances that further decline the marine turtle nesting habitats.

Marine turtle nesting sites at Great and Little Sta. Cruz Island are being regularly monitored by Personnel of PAMO under LGU for Great and Little Sta. Cruz Island Protected Landscape and Seascape. Mostly of the marine turtle eggs laid on both great and little Sta. Cruz Island are being transferred into the beach area to ensure its protection from poachers and other predators and it is carefully done by trained personnel of the PAMO-LGU. As per records of PAMO-LGU only Three (3) species of marine turtle were recorded to nest within the said area namely **Green sea turtle** (*Chelonia mydas*), **Hawksbill turtle** (*Eretmochelys imbricata*) and **Olive ridley turtle** (*Lepidochelys olivacea*) are all listed as threatened species.

The objectives of the activity is to conduct Marine turtle nesting site monitoring, Habitat assessment and evaluation, habitat survey, nesting/sighting verification and conservation and protection of marine turtle nest/eggs.

On May 6, 2022, the undersigned together with J.O. Allan Taup (Pump boat operator) and representative from PAMO-LGU staff went to Great Sta. Cruz Island to conduct the above-mentioned subject. Upon arriving in the area, the team was able to monitor/observed and record Two (2) Marine Turtle nest/clutch with a geographic location of longitude 122°3'32.21"E, latitude 6°52'22.10"N (beach area). The Marine turtle nest were laid within the area of Great and Little Sta. Cruz Island wherein the area is reached with sea water during the highest tide. The transferring of marine turtle eggs from the beach area is purposely to avoid the eggs to get spoil and also to protect from poachers and predators. The transferring of Marine turtle eggs was done carefully by trained personnel of the PAMO-LGU Great and Little Sta. Cruz Island Protected Landscape and Seascape. While the eggs are on its incubation stage, they were protected by using pre-fabricated enclosure (plastic screen with bamboo splits) surrounding the eggs clutch and being monitored by the assigned personnel in the Island.

Moreover, the undersigned conducted habitat assessment and evaluation on the Marine turtle nest/clutch using the prescribed ANNEX A.1 Habitat Assessment and Evaluation form as well as interviewed Mr. Usman Hajal a local resident and LGU - PAMO staff on habitat survey and sightings of marine turtle within the Great and little Sta. Cruz Island using the ANNEX A. Interview form.

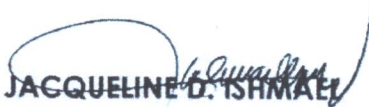
For information and record.


VANESSA JOY G. DAEL
Admin Aide VI


JOAN L. REBOLLOS
Forest Technician I


GERRY L. CANETE
Forest Technician I


KARINA D. ESTRELLA
Forest Technician II


JACQUELINE D. ISHMAEL
Forester I

Noted by:

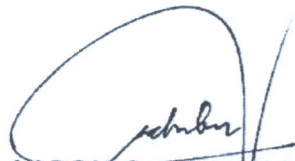

AARON C. HACHERO
For. W/ Chief, PAMBCU

PHOTO DOCUMENTATION



Photo documentation of PAMBCU staff during marine turtle nest site monitoring: measuring the distance of nest from the highest tide mark

ANNEX A.1 HABITAT ASSESSMENT AND EVALUATION

1. Date of Assessment: May 6, 2022
2. Location: Great Sta. Cruz Island
3. GPS Coordinates: 6°52'20"N 122°3'32"E
4. (Description of Sand: ☐ black/gray ☐ white ☐ mixed ☐ others
☐ fine ☐ coarse ☐ with coral rubble
☐ mixed with soil Other findings: _____

5. Beach Vegetation (list species in table below):

Talisay	
Piagao	
Neem tree	
Pototan	

6. Beach Measurement:

Details	Measurement	GPS Coordinates
Beach length (measure perpendicular length of marine turtle nest to the highest tide mark)	9.15 meters	6°52'20" N 122°3'32"E
Beach width (measure parallel length of beach on two points, noting only areas as possible nesting ground)	6.45 kilometers	6°52'20" N 122°3'32"E

7. Nesting abundance:
8. Marine turtle tracks seen during visit: ☐ yes ☒ no
9. Number of complete track/s (tracks coming up the beach & going down): NONE
10. Number of incomplete track/s (tracks either coming up the beach only or going down only): NONE
11. Marine turtle track details: Outer track width (cm): NONE
Inner track width (cm): NONE
12. Marine turtle nest/seen during visit: ☒ yes ☐ no
If yes, number of active nest/s: 1 number of inactive/old nest/s: NONE
13. With signs of predation: ☐ yes ☒ no
If yes, identification of possible predator: _____
14. Marine turtle hatchling tracks seen during visit: ☐ yes ☒ no
15. Marine turtle eggs seen: ☐ yes ☐ yes, but no signs of development ☒ none
16. Marine turtle egg shells seen: ☐ yes ☒ none

Other Observation during visit: NONE

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

1. Petsa ng Interview: May 6, 2022
2. Lugar: Great Sta. Cruz Island
3. Tagatugon (respondent)
4. Pangalan: Usman Hajal
5. Kasarian: ☐ Lalaki ☐ Babae Status: ☐ Single ☐ May asawa
(bilang ng anak) 3
6. Angkan (pinagmulan ng lahi): Samal banguingi
7. Hanap buhay: PAMO-LGU staff
8. Tirahan: Great Sta. Cruz Island
9. May sariling bangka: ☐ meron ☐ wala ☐ nagrerenta
10. Klase ng bangka : ☐ de-motor ☐ de-sagwan ☐ iba pa
11. Laki ng bangka (metro): 35 Bilang ng taong pwedeng sumakay: 7
12. Uri/klase ng pangingisda (fishing operation): N/A
13. Oras/panahon ng pangingisda: N/A
14. Lugar kung saan nagingisda: N/A
15. Nakakita na po ba kayo ng Pawikan? ☐ Oo ☐ Hindi
16. Sa buong taon, tuwing kalian kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakita	Ginagawa ng Pawikan nung nakita	Uri ng pawikan na Nakita (species)	Iba pang komento
		Pangalan ng beach	Pangalan ng dagat				
January- December	5-8/ week	Great Sta. Cruz Island		May maliit at malaki	Naghuhukay Nangingitlog lumalangoy	-Green sea turtle Hawksbill turtle	

17. Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:
☐ dumadami ☐ umu-unti ☐ di nagbago
18. Sa inyong palagay, ano kaya ang dahilan nito? Dahil sila ay pino protektahan
19. Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?
☐ hinahayaan lang
☐ hinuhuli at ... ☐ kinakatay ☐ ginagawang alaga ☐ inirereport
o dinadala sa Awtoridad ☐ Iba pa _____
20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong
pangingisda?
☐ meron ☐ wala

21. Sa anong paraan ng pangangisda mas may nahuhuling pawikan? WALA

22. Sa buong taon, tuwing kalian kayo nakakahuli ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakita	Ginagawa ng Pawikan nung nakita	Uri ng pawikan na Nakita (species)	Iba pang komento
		Pangalan ng beach	Pangalan ng dagat				
WALA							

23. Kapag may nahuhuling pawikan, ano ang ginagawa dito? Bakit

☐ hinahayaan lang

☐ hinuhuli at ... ☐ kinakatay ☐ ginagawang alaga ☐ inirereport
o dinadala Awtoridad

☐ Iba pa _____

24. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?

☐ Oo ☐ Hindi

25. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

☐ DENR ☐ Fisheries ☐ Pulis/Militar ☐ Mayor/LGU ☐ iba
pa

26. Napapatupaad ba ang mga batas dito tungkol sa pawikan? ☐ Oo ☐ Hindi

27. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas
ukol sa pawikan?

☐ meron ☐ wala

28. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw? WALA.

29. Sa inyong palagay, mahalaga ba na ipagbawal ang
pagkatay/paghuli/pagbebenta ng mga pawikan? ☐ Oo ☐ Hindi

30. Bakit po kaya?

-Dahil ang mga pawikan ay kakaunti na lamang ang kanilang populasyon at
sila ay nasa kategorya na ng Endangered-Critically Endangered species, kaya
dapat na protektahan natin ang mga ito.

MAP SHOWING THE MARINE TURTLE NESTING SITE
GREAT STA. CRUZ ISLAND, ZAMBOANGA CITY

Legend

- Beach Area
- Santa Cruz Island Beach Resort

Santa Cruz Island Beach Resort Beach Area

Grande Santa Cruz Island

President Shoal

1 km

N

Google Earth

DATA SOURCES: U.S. Navy, NOAA, GEBCO
IMAGE © 2022 Imagery
MAP © 2022 Mapbox Technologies



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Community Environment & Natural Resources Office
Region IX, Zamboanga Peninsula
Poblacion, Imelda, Zamboanga Sibugay
Email Address: cenroimelda.gov.ph
☎ (062-955-3078)

MEMORANDUM

FOR : The In-Charge, Office of the RED and OIC, ARD for Technical Services
DENR R-IX, PCCA Regional Center, Balintawak, Pagadian City

THRU : The PENR Officer
DENR, R-IX, PENRO Ipil, Zamboanga Sibugay

FROM : The CENR Officer
DENR, R-IX, Imelda, Zamboanga Sibugay

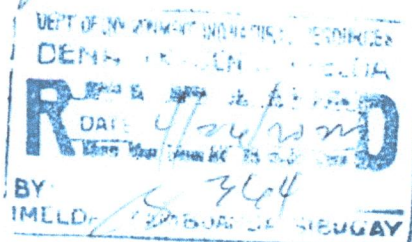
SUBJECT : SUBMISSION OF QUARTERLY REPORT ON THE CONDUCT
OF PAWIKAN NESTING SITES MONITORING CY 2022.

DATE : April 25, 2022

Respectfully forwarded herewith the 2nd quarter accomplishment report of the Coastal Resource Management Unit (CRMU) of this office related to the conduct of monitoring of the three identified pawikan nesting sites on April 7, 2022 at Litayon Island, Alicia and Sibulan Island wherein the team found no tracks of nesting pawikan in the two (2) aforementioned nesting sites. While in Pandilusan Island, Payao Zamboanga Sibugay one pawikan believed to be a hawksbill species nested a clutch of 76 eggs as per monitoring dated April 22, 2022.

For information and record.

PILARITO B. MONTEBON





Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Community Environment & Natural Resources Office
Region IX, Zamboanga Peninsula
Imelda, Zamboanga Sibugay
☎ (062-955-3078)

MEMORANDUM

FOR : The CENR Officer
DENR, R-IX, Imelda, Zamboanga Sibugay

FROM : The Chief, Coastal Resource Management Unit (CRMU)
DENR, R- IX, Imelda, Zamboanga Sibugay

SUBJECT: QUARTERLY REPORT ON THE CONDUCT OF PAWIKAN
NESTING SITES MONITORING CY 2022.

DATE : April 25, 2022

Respectfully submitted herewith, the 2nd quarter accomplishment report of the Coastal Resource Management Unit (CRMU) of this office related to the conduct of monitoring of the three identified pawikan nesting sites on April 7, 2022 at Litayon Island, Alicia and Sibulan Island, Mabuhay and on April 22, 2022 at Pandilusan Island, Payao all under the Province of Zamboanga Sibugay.

During the team's monitoring at Sibulan Island no tracks of nesting marine turtles were observed. However, per Key Informant Interview (KII) with Mr. and Mrs. Norman Gabilbani, agar-agar growers confirmed that there are still populations of pawikan inhabiting within the coastal waters of Tantanang Bay. In fact, there was a time when a pawikan was trapped in a fish corral owned by Mr. Melo who immediately released it.

Then the CRMU Team proceeded to Litayon Island on the same day to continue the conduct of monitoring activity. Per interview with Mr. and Mrs. Oliver Joquino the coco-farm caretaker of Mayor Musahe confirmed that he had still sighted populations of pawikan during fishing and they had found two (2) dead pawikan in the shore of the island near their area last December 2021. As per verification the team found some bones of the said dead pawikan.

On April 22, 2022 the Team went to Pandilusan Island upon noticed through phone call that there was a pawikan that nested on April 21, 2022 around 3:00 o'clock in the morning.

During the team's visit, the tracks of the pawikan could not be seen for the fact that the area nested could be reach by high tide. Per interview with Mr. Jerome Roxas, Armando Amurin, the pawikan is believed to be a hawksbill species due to its curved bill. The eggs were translocated by Jumar Amurin and Marvin Moralde around 7:00o'clock in the morning in an area unreachable by waves or high tide.

On the other hand, the MENR Office informed the team that the LGU of Payao, Zamboanga Sibugay had conducted coastal clean-up in the island together with the Coastguard personnel on April 19,2022 as part of their regular activity for maintenance and conservation as the LGU is currently operating local tourism in the island. In the said event, various solid wastes were collected that covered two (2) months wastes in the island that accounted ten (10) sacks of liquor bottles, five (5) sacks of PET bottles, twenty (20) sacks of other wastes like cellophanes, food sachets and sanitary napkins and other recyclables' were deposited in the Municipal Recovery Facility (MRF) and Residual Contentment Area (RCA).

Please see attached prescribed monitoring forms and geo-tagged photo documentation.

For information and record.


CLIFF R. DE LEON

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

- Petsa ng Interview: April 22, 2022
- Lugar: Pandilusan Island, Payao, Zamboanga Sibuyan
- Tagatugon (respondent) _____
- Pangalan Jerome Roxas Edad _____
- Kasarian () Lalaki () Babae Status (☒) single () may asawa
{bilang ng anak _____}
- Angkan (pinagmulan ng lahi) Bisaya
- Hanap buhay Mangingisda
- Tirahan Pandilusan Island
- May sariling bangka (☒) meron () wala () nagrerenta
- Klase ng bangka (☒) de-motor () de-sagwan () iba pa
- Laki ng bangka (metro?) 10 FT
- Bilang ng taong pwedeng sumakay 4
- Uri/klase ng pangingisda (fishing operation) Bingungit (Hook & Line)
- Oras/panahon ng pangingisda 8:00 P.M - 3:00 A.M
- Lugar kung saan nangingisda _____
- Nakakita na po ba kayo ng pawikan? (☒) oo () hindi
- Sa buong taon, tuwing kailan kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita (species)	Iba pang koment
		Pangalan ng beach	Pangalan ng dagat				
April 21, 2022	1	Pandilusan Island	Pinguan Bay	65cm x 56cm (estimate)	Misaka	Acridocbill	Pangitlog

17.Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:

() dumadami (☒) umu-unti () di nagbago

18.Sa inyong palagay, ano kaya ang dahilan nito? may namamatay

19.Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?

(☒) hinahayaan lang

() hinuhuli at ... () kinakatay () ginagawang alaga

() inirereport o dinadalasa awtoridad

() iba pa _____

20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingsda?

() meron (☒) wala

21. Sa anong paraan ng pangingsda mas may nahuhuling pawikan? Bungad

22. Sa buong taon, tuwing kailan kayo nakakahuli ng pawikan? wala

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita(species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				

23. Kapag may nahuhuling pawikan, ano ang ginagawa ditto?

(☒) pinapakawalan

() dinadala sa pampang para... () katayin { } lutuin { } ibenta [presyo] pang regalo

() gawing alaga

(☒) dalhin sa awtoridad

() iba pa _____

24. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?

(☒) oo

() hindi

25. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

(☒) DENR

() Fisheries

() Pulis/Militar

(☒) Mayor/LGU

() iba pa

26. Napapatupad ba ang mga batas dito tungkol sa pawikan?

(☒) oo

() hindi

27. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

(☒) meron () wala

28. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw?

Multa at pagkakulong

29. Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbenta ng mga pawikan?

(☒) oo

() hindi

30. Bakit po kaya?

Impaktante sa kapaligiran at nakatulong pagparami ng mga isda.

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

- Petsa ng Interview: April 22, 2022
- Lugar: PANDILUSAN ISLAND, PAYAO, Z.C
- Tagatugon (respondent) _____
- Pangalan ZOREN L. MUSTAFA Edad 21
- Kasarian (☒) Lalaki () Babae Status () single ☒ may asawa
(bilang ng anak 1)
- Angkan (pinagmulan ng lahi) SAMAL BAUGINGI
- Hanap buhay CAF GU (ASSIGNED)
- Tirahan POB. PAYAO
- May sariling bangka (☒) meron () wala () nagrerenta
- Klase ng bangka (☒) de-motor () de-sagwan () iba pa
- Laki ng bangka (metro?) 26 FT
- Bilang ng taong pwedeng sumakay 3
- Uri/klase ng pangingisda (fishing operation) BINGUIT
- Oras/panahon ng pangingisda 7:00 - 2:00
- Lugar kung saan nangingingisda WITHIN PANDILUSAN / SIBUCUEY BAY
- Nakakita na po ba kayo ng pawikan? (☒) oo () hindi
- Sa buong taon, tuwing kailan kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita(species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				
04/21/2022	1	Pandilusan	Sibuguey	Parang bilao	LATINO EGG	HAWKSBILL	like parrot beak
04/22/2022	1	Beach	Bay		MISAKA	HINDI KLARO	di magitlog

17.Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:

(☒) dumadami () umu-unti () di nagbago

18.Sa inyong palagay, ano kaya ang dahilan nito? MAUBITWOG

19.Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?

() hinahayaan lang

() hinuhuli at ... () kinakatay () ginagawang alaga

() inirereport o dinadalasa awtoridad

() iba pa Binabantayan para hindi maiporbo ng mga aso

20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingisda?

() meron (☒) wala

21. Sa anong paraan ng pangingisda mas may nahuhuling pawikan? wala

22. Sa buong taon, tuwing kailan kayo nakakahuli ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita (species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				

23. Kapag may nahuhuling pawikan, ano ang ginagawa ditto?

(☒) pinapakawalan

() dinadala sa pampang para... () katayin () lutuin () ibenta [presyo] pang regalo

() gawing alaga

() dalhin sa awtoridad

() iba pa _____

24. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?

(☒) oo

() hindi

25. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

(☒) DENR () Fisheries () Pulis/Militar (☒) Mayor/LGU () iba pa

26. Napapatupad ba ang mga batas dito tungkol sa pawikan? (☒) oo () hindi

27. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

(☒) meron () wala

28. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw?

Multa at pagkukulang

29. Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbenta ng mga pawikan?

(☒) oo () hindi

30. Bakit po kaya?

Malakatlong sa pagpamamili ng mga isda.

ANNEX A.1 HABITAT ASSESSMENT AND EVALUATION

1. Date of Assessment: April 22, 2021
2. Location: Pandilusan Island, Pavao, Zamboanga Sibugay
3. GPS Coordinates: 7°27' 48" N
122° 41' 25" E
4. Description of Sand: () black/gray (/) white () mixed () others
(/) fine (/) coarse () with coral rubble () mixed with soil
Other findings: None
5. Beach Vegetation (list species in table below):

<u>Lagundi (Vitex trifolia)</u>	<u>Libgao/Abgao Local name)</u>
<u>Balete (Ficus balete)</u>	<u>Buka-buka (local Name)</u>
<u>Talisay (Terminalia catappa)</u>	<u>Balok-balok (Milletia pinnata)</u>
<u>Bangcoro (Morinda citrifolia)</u>	<u>Pagatpat (Sonneratia alba)</u>
<u>Tamarind (Tamarindus indica)</u>	<u>Coconut (cocos nucifera)</u>
<u>Calamansi (Citrus microcarpa)</u>	<u>Mango (Magnifera indica)</u>
<u>Mahogany (Swietenia macrophylla)</u>	<u>Anabiong (Trema orientalis)</u>

6. Beach Measurements:

Details	Measurement (meters)	GPS Coordinates
Beach length* (measure perpendicular length of marine turtle nest to the highest tide mark)	20 meters	7°17' 48" N 122° 41' 23" E
Beach width (measure parallel length of beach on two points, noting only areas as possible nesting ground)	20 meters	N 07° 27.849' E 122°41.369' N 07° 27.810' E 122°41.383'

* NOTE: Add more rows if more than one nest was reported along same beach

7. Nesting Abundance: One (1) pawikan nested a clutch of 76 eggs.
8. Marine turtle tracks seen during visit: () Yes (/) None
9. Number of complete track/s (tracks coming up the beach & going down): None
10. Number of incomplete track/s (tracks either coming up the beach only or going down only): None
11. Marine turtle track details: Outer track width (cm): N/A
Inner track width (cm): N/A
12. Marine turtle nest/s seen during visit:
If yes, number of active nest/s: None Number of inactive nest/s: None

13. With signs of predation () Yes (/) None

If yes, identification of possible predator: N/A

14. Marine Turtle hatchling tracks seen during visit : () yes (/) None

15. Marine Turtle egg seen: () Yes () Yes, But no signs of development (/) None

16. Marine Turtle egg shells seen: () (/) None

Other observation during visit: None

Date of Nesting	Number of Eggs (Clutch Size)	Number of Hatchling/s Emerged	Date of Emergence	Number of Hatchlings Released	Date of Release	Remarks
n/a	n/a	n/a	n/a	n/a	n/a	n/a

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

- Petsa ng Interview: April 7, 2023
- Lugar: Pinulan Island, Mabuhay, Zamboanga Sibuyan
- Tagatugon (respondent) _____
- Pangalan Mr. & Mrs. Norman Gabilani Edad both 17
- Kasarian (☒ Lalaki (☒ Babae) Status () single () may asawa
(bilang ng anak 0)
- Angkan (pinagmulan ng lahi) Tausog
- Hanap buhay Agar-agar farming
- Tirahan _____
- May sariling bangka (☒ meron () wala () nagrerenta
- Klase ng bangka () de-motor (☒ de-sagwan () iba pa _____
- Laki ng bangka (metro?) 6m x 15 inches
- Bilang ng taong pwedeng sumakay 4 tao
- Uri/klase ng pangangisda (fishing operation) N/A
- Oras/panahon ng pangangisda N/A
- Lugar kung saan nangangisda N/A
- Nakakita na po ba kayo ng pawikan? (☒ oo () hindi
- Sa buong taon, tuwing kailan kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita(species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				
2020	1	Pinulan beach	Tantarang bay	7 inches	trapped sa bungod	di alam	Puna kawala Mr. Welo- ng Bungod

- Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:
() dumadami () umu-unti () di nagbago di-alam
- Sa inyong palagay, ano kaya ang dahilan nito? di din alam
- Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?
(☒ hinahayaan lang
() hinuhuli at ... () kinakatay () ginagawang alaga
() inirereport o dinadalasa awtoridad
() iba pa _____

20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingisda?

() meron (/) wala

21. Sa anong paraan ng pangingisda mas may nahuhuling pawikan?

Bungod

22. Sa buong taon, tuwing kailan kayo nakakahuli ng pawikan?

wala

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita (species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				

23. Kapag may nahuhuling pawikan, ano ang ginagawa ditto?

(/) pinapakawalan

() dinadala sa pampang para... () katayin { } lutuin { } ibenta [presyo] pang regalo

() gawing alaga

() dalhin sa awtoridad

() iba pa

24. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?

(/) oo

() hindi

25. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

(/) DENR (/) Fisheries () Pulis/Militar

(/) Mayor/LGU () iba pa

26. Napapatupad ba ang mga batas dito tungkol sa pawikan?

(/) oo

() hindi

27. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

(/) meron () wala

28. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw?

Makulong

29. Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbenta ng mga pawikan?

(/) oo

() hindi

30. Bakit po kaya?

Dahil importante

ANNEX A.1 HABITAT ASSESSMENT AND EVALUATION

1. Date of Assessment: April 7, 2022
2. Location: Sibulan Island, Mabuhay, Zamboanga Sibugay
3. GPS Coordinates: 7°25' 55" N
122° 55' 41" E

4. Description of Sand: () black/gray (☒) **white** () mixed () others
(☒) fine (☒) **coarse** () with coral rubble () mixed with soil
Other findings: None

5. Beach Vegetation (list species in table below):

<i>Pagatpat (Sonneratia alaba)</i>	<i>Tabau (Lumnitzera littorea)</i>
<i>Bakauan Babae (Rhizophora mucronata)</i>	<i>Bantigi (Pemphis acidula)</i>
<i>Tabigi (Xylocarpus granatum)</i>	
<i>Saging-saging (Aegiceras floridum)</i>	
<i>Balete (Ficus balete)</i>	
<i>Coconut (cocos nucifera)</i>	

6. Beach Measurements:

Details	Measurement (meters)	GPS Coordinates
Beach length* (measure perpendicular length of marine turtle nest to the highest tide mark)	Beach area is narrow around 5 meters and can be covered by water during high tide	7°25'55"N/122°55'41"E
Beach width (measure parallel length of beach on two points, noting only areas as possible nesting ground)		

* NOTE: Add more rows if more than one nest was reported along same beach

7. Nesting Abundance: Not Known Yet
8. Marine turtle tracks seen during visit: () yes (☒) **None**
9. Number of complete track/s (tracks coming up the beach & going down): None
10. Number of incomplete track/s (tracks either coming up the beach only or going down only): None
11. Marine turtle track details: Outer track width (cm): N/A
Inner track width (cm): N/A
12. Marine turtle nest/s seen during visit:
If yes, number of active nest/s: (1) Number of inactive nest/s: None

13. With signs of predation () Yes (/) No

If yes, identification of possible predator: N/A

14. Marine Turtle hatchling tracks seen during visit : () yes (/) None

15. Marine Turtle egg seen: (/) Yes () Yes, But no signs of development (/) None

16. Marine Turtle egg shells seen: () (/) None

Other observation during visit: None

ANNEX C. MARINE TURTLE NESTING INCIDENCE MONITORING FORM

Location/Site (Indicate Sitio/Purok, Barangay, Municipality, Province/City): Sibulan Island, Mabuhay, Zamboanga Sibugay

Date of Monitoring: April 7, 2022

Marine turtle tracks seen: () Yes (/) No
Number of complete track/s (Fig. 1): N/A
Number of incomplete track/s (Fig. 2): N/A

Marine turtle track details (Fig 3): Outer track width (cm): N/A
Inner track width (cm): N/A

Marine turtle nester seen: () Yes (/) No
If yes, indicate species: N/A

Nest location (GPS Coordinates): N/A

Translocated: () Yes (/) No
If yes, indicate reason for transfer: N/A
Indicate new location: N/A

Date of Nesting	Number of Eggs (Clutch Size)	Number of Hatchling/s Emerged	Date of Emergence	Number of Hatchlings Released	Date of Release	Remarks
n/a	n/a	n/a	n/a	n/a	n/a	n/a

ANNEX A. INTERVIEW FORM

(Habitat survey, nesting/sighting verification, pressure-state-response)

- Petsa ng Interview: April 7, 2022
- Lugar: Litayon Island, Alicia, Zamboanga Sibuyan
- Tagatugon (respondent) _____
- Pangalan Mr Mrs. Oliver L. Joquino Edad both 42yrs
- Kasarian (☒ Lalaki (☒ Babae) Status () single () may asawa
(bilang ng anak 10)
- Angkan (pinagmulan ng lahi) Bisaya
- Hanap buhay Fishing & caretaker/maintenance of cocofarm of Mayor Musa
- Tirahan Litayon Island, Alicia, ZS
- May sariling bangka (☒ meron () wala () nagrerenta
- Klase ng bangka (☒ de-motor () de-sagwan () iba pa
- Laki ng bangka (metro?) 12 ft x 12 in w/ 7 Hp engine
Bilang ng taong pwedeng sumakay 4 persons
- Uri/klase ng pangingisda (fishing operation) patuloy
- Oras/panahon ng pangingisda 4PM - 7/8 PM
- Lugar kung saan nangingisda Tantarang Bay
- Nakakita na po ba kayo ng pawikan? (☒ oo () hindi
- Sa buong taon, tuwing kailan kayo nakakakita ng pawikan?

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita (species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				
2021	2	Litayon Beach	Tantarang Bay	CC length 12 x 12 in	washed ashore	not known	"patay na" a may naiwang nga bnto sa baybayin

17. Sa inyong palagay, ang dalas po ba ng mga nakikitang pawikan ay:

() dumadami (☒ umu-unti di nagbago

18. Sa inyong palagay, ano kaya ang dahilan nito? may namamata

19. Kapag may nakikitang pawikan, ano po ang ginagawa ninyo?

(☒ hinahayaan lang

() hinuhuli at ... () kinakatay () ginagawang alaga

() inirereport o dinadalasa awtoridad

() iba pa _____

20. May pagkakataon na po ba na may nahuli kayong pawikan sa inyong pangingisda?

() meron (✓) wala

21. Sa anong paraan ng pangingisda mas may nahuhuling pawikan?

"Bungord" / fish coral

22. Sa buong taon, tuwing kailan kayo nakakahuli ng pawikan?

wala

Buwan (month/s of the year)	Bilang ng pawikan na nakikita	Lugar saan nakikita		Laki ng pawikan na nakikita	Ginagawa ng pawikan nung nakita	Uri ng pawikan nanakikita (species)	Iba pangkomento
		Pangalan ng beach	Pangalan ng dagat				

23. Kapag may nahuhuling pawikan, ano ang ginagawa ditto?

(✓) pinapakawalan

() dinadala sa pampang para... () katayin { } lutuin { } ibenta [presyo] pang regalo

() gawing alaga

() dalhin sa awtoridad

() iba pa

24. Alam po ba ninyo na ipinagbabawal ang paghuli at pagkatay ng pawikan?

(✓) oo

() hindi

25. Anong ahensiya po ang alam ninyong nagpapatupad ng mga batas na ito?

(✓) DENR (✓) Fisheries () Pulis/Militar (✓) Mayor/LGU () iba pa

26. Napapatupad ba ang mga batas dito tungkol sa pawikan?

(✓) oo

() hindi

27. May alam po ba kayo na nahuli at naparusahan dahil sa paglabag sa mga batas ukol sa pawikan?

() meron (✓) wala

28. Ano po ang nadinig/nalaman ninyong kaparusahang ipinataw?

May multa at pwedeng makulong

29. Sa inyong palagay, mahalaga ba na ipagbawal ang pagkatay/paghuli/pagbenta ng mga pawikan?

(✓) oo

() hindi

30. Bakit po kaya?

Nakatulong sa mga tao.

ANNEX A.1 HABITAT ASSESSMENT AND EVALUATION

1. Date of Assessment: **April 7, 2022**
2. Location: **Litayon Island, Alicia, Zamboanga Sibugay**
3. GPS Coordinates: **7°27' 32" N**
122° 57' 45" E
4. Description of Sand: () black/gray (/) **white** () mixed () others
(/) **fine** (/) **coarse** () with coral rubble () mixed with soil
() Other findings:
5. Beach Vegetation (list species in table below):

<i>Pagatpat</i> (<i>Sonnata alba</i>)	<i>Dangkan</i> (local Name)
<i>Talisay</i> (<i>Terminalia catappa</i>)	<i>Baliw</i> (Local Name)
<i>Balok-Balok</i> (<i>Milletia pinnata</i>)	<i>Coconut</i> (<i>Cocos nucifera</i>)
<i>Wild Lagundi</i> (<i>Vitex trifolia</i>)	
<i>Tangisang Gubat</i> (Local name)	

6. Beach Measurements:

Details	Measurement (meters)	GPS Coordinates
Beach length* (measure perpendicular length of marine turtle nest to the highest tide mark)	1,562.58	7°27' 46.4" 122° 57' 44.4"
Beach width (measure parallel length of beach on two points, noting only areas as possible nesting grounds)	7-22	7°27' 45.9" 122° 58' 48.9"

* NOTE: Add more rows if more than one nest was reported along same beach

7. Nesting Abundance : **Not Known Yet**
8. Marine turtle tracks seen during visit: () Yes (/) **None**
9. Number of complete track/s (tracks coming up the beach & going down): **None**
10. Number of incomplete track/s (tracks either coming up the beach only or going down only): **None**
11. Marine turtle track details: Outer track width (cm): **N/A**
Inner track width (cm): **N/A**
12. Marine turtle nest/s seen during visit:
If yes, number of active nest/s: **None** Number of inactive nest/s: **None**

13. With signs of predation: () Yes (/) **None**

If yes, identification of possible predator: N/A

14. Marine Turtle hatchling tracks seen during visit : () yes (/) **None**

15. Marine Turtle egg seen: () Yes () Yes, But no signs of development (/) **None**

16. Marine Turtle egg shells seen: () (/) **None**

Other observation during visit: **None**

ANNEX C. MARINE TURTLE NESTING INCIDENT MONITORING FORM

Location/Site (Indicate Sitio/Purok, Barangay, Municipality, Province/City): Litayon Island, Alicia, Zamboanga Sibugay

Date of Monitoring: April 7, 2022

Marine turtle tracks seen: () Yes (/) No

Number of complete track/s (Fig. 1): N/A

Number of incomplete track/s (Fig. 2): N/A

Marine turtle track details (Fig 3): Outer track width (cm): N/A

Inner track width (cm): N/A

Marine turtle nester seen: () Yes (/) No

If yes, indicate species:

Nest location (GPS Coordinates):

Translocated: () Yes () No

If yes, indicate reason for transfer:

Indicate new location:

Date of Nesting	Number of Eggs (Clutch Size)	Number of Hatchling/s Emerged	Date of Emergence	Number of Hatchlings Released	Date of Release	Remarks
n/a	n/a	n/a	n/a	n/a	n/a	n/a

Photo Documentation

Pawikan Nesting Site Monitoring at Sibulan Island, Mabuhay, Zamboanga
Sibugay on April 7, 2022

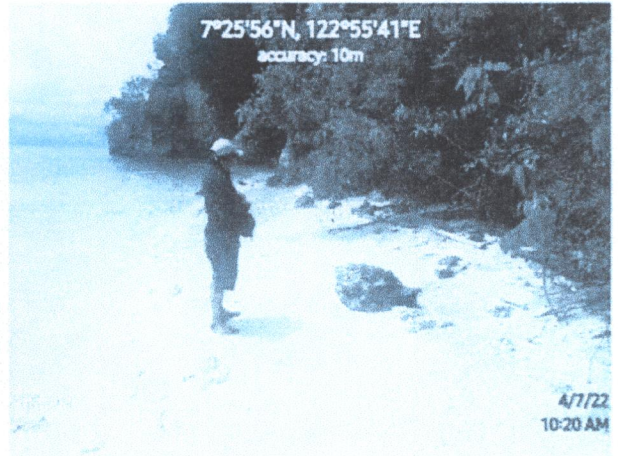


Photo Documentation

Pawikan Nesting Site Monitoring at Litayon Island, Alicia, Zamboanga Sibugay
On April 7, 2022

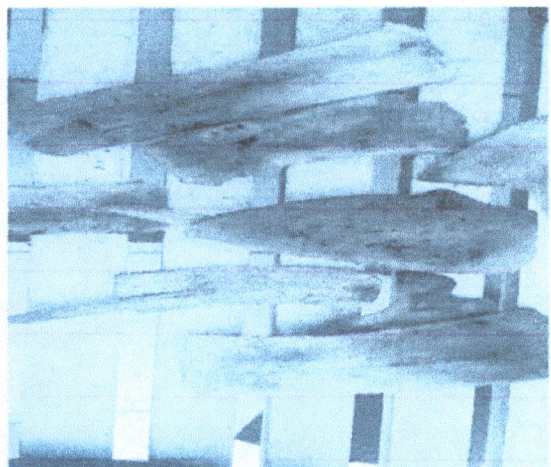


Photo Documentation

Monitoring of Nesting Site

On April 22, 2022 at Pandilusan Island, Payao, Zamboanga Sibugay

For. William G. Palisoc, during an interview with Mr. Zoren Mustafa, CAFGU assigned at the island and Jerome Roxas, fisherfolks who sighted the nesting pawikan on April 21, 2022 at around 3:00 in the morning. But trans-located it since it can be reach by high tide.



The location where the clutch of 76 eggs were originally nested on April 21, 2022.



The location where the
76 pieces clutch of
pawikan eggs were
trans-located/



Location where
another pawikan was
sighted on April 21,
2022 evening as
sighted by Mr. but
the said pawikan was
unable to nest.

