



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638

October 27, 2023

MEMORANDUM

FOR : **The Regional Executive Director**
DENR MIMAROPA
1515 DENR By the Bay Bldg., Roxas Boulevard,
Barangay 668, Ermita Manila

THRU : The OIC Assistant Regional Director for Technical Services

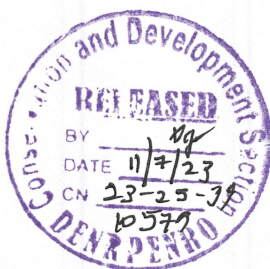
FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **3rd QUARTER ACCOMPLISHMENT REPORT ON SNAKE
ISLAND FROM JULY TO SEPTEMBER 2023**

Forwarded is the memorandum dated October 27, 2023 of PENRO Conservation and Development Section – Snake Island Management Officer along with the 3rd quarter accomplishment report on Snake Island – NCMCR for CY 2023.

For information and record.


FELIZARDO B. CAYATOC



DENR-PALAWAN
PENRO-RECORDS
RELEASED
By [signature]
Date: 09 NOV 2023 CN 2023-3206



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638

October 27, 2023

MEMORANDUM

FOR : **The Regional Executive Director**
MIMAROPA Region
1515 DENR by the Bay Building, Roxas Blvd.
Barangay 668, Ermita, Manila

THRU : The Chief,
Technical Services Division

The Chief,
Conservation and Development Section/ SIMO

FROM : **Brian A. Anas**
Data Manager, Snake Island NCMCR

SUBJECT : **3rd QUARTER ACCOMPLISHMENT REPORT OF SNAKE ISLAND – NCMCR FOR CY 2023**

Respectfully submitted is the 3rd Quarter Accomplishment Report for CY 2023 of Snake Island – National Coastal and Marine Center for Research.

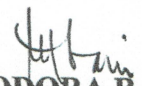
This report includes manpower requirements, resource assessment activities, maintenance of facilities, program and monitoring and other special activities conducted in the island. Further, updated financial utilization versus fund allocation were presented.

This will serve as Means of Verification (MOV) for Snake Island NCMCR CY 2023

For your information and record.


BRIAN A. ANAS

Noted by:


RHODORA B. UBANI
Chief, CDS/SIMO

**3rd QUARTER
ACCOMPLISHMENT REPORT
CY 2023**

Snake Island

**National Coastal and
Marine Center for Research
(SI-NCMCR)**



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

PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE
Province of Palawan

SNAKE ISLAND NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH



TABLE OF CONTENTS

A. Manpower and Staffing Requirements	3
C. Resource Assessment	3
▪ ARMS Monitoring	3- 4
▪ 3 rd Quarter Waterbirds Census CY 2023.....	4-5
D. Maintenance of Buildings and Other Facilities	6
E. Program and Monitoring Activities	7
▪ Marine Debris Monitoring	8
▪ Monitoring of Gleaning Activities	9-10
▪ Fuel Consumption	11
F. 3rd Quarter Physical and Financial Accomplishment Report CY 2023	12
G. Other Activities	13
▪ International Coastal Clean – up CMEMP Activity	13
▪ 24 th National Maritime Week Coastal Clean – up	14
▪ Water Quality Monitoring	15



3rdQUARTER (JULY – SEPTEMBER) ACCOMPLISHMENT REPORT OF SNAKE ISLAND AS THE DENR NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH FOR CY 2023

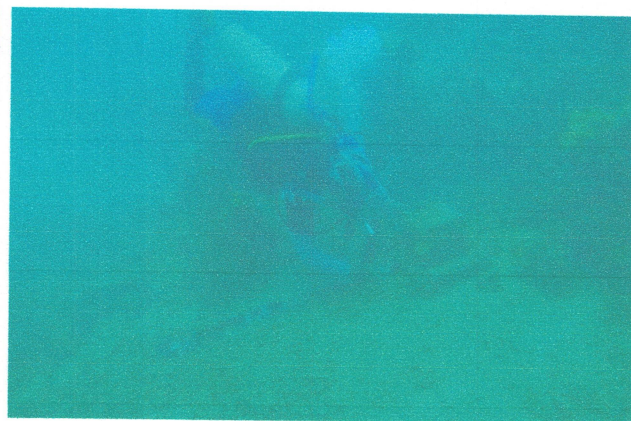
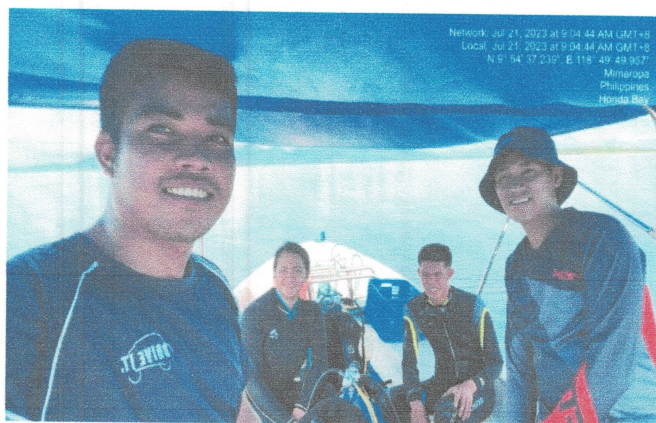
A. Manpower and Staffing Requirements

The Snake Island NCMCR Management Office is headed by SIMO Rhodora B. Ubani under the supervision of Provincial Environment and Natural Resources Officer Felizardo B. Cayatoc maintained and managed the activities undertaken by nine (9) Job Order personnel for Snake Island NCMCR to perform activities in achievement of the functions, programs and plans stipulated in the 5-Year Operational Plan of Snake Island as the DENR National Coastal and Marine Center for Research. The following personnel are as follows: Ms. Krizia Meryl A. Ecube (Marine Biologist II), Brian A. Anas (Data Manager), Mr. Jamael B. Masacal and Mr. John Carlo J. Talan (Research Assistants), Mr. Orlando S. Baylon (Boat Captain), Mr. Rugymel D. Monticod and Mr. Mark Angel A. Lito (Law Enforcement Officers) and Mr. Vincent G. Arcaño (Boat Crew), and Mr. Cristian B. Espinosa (Maintenance Facilities).

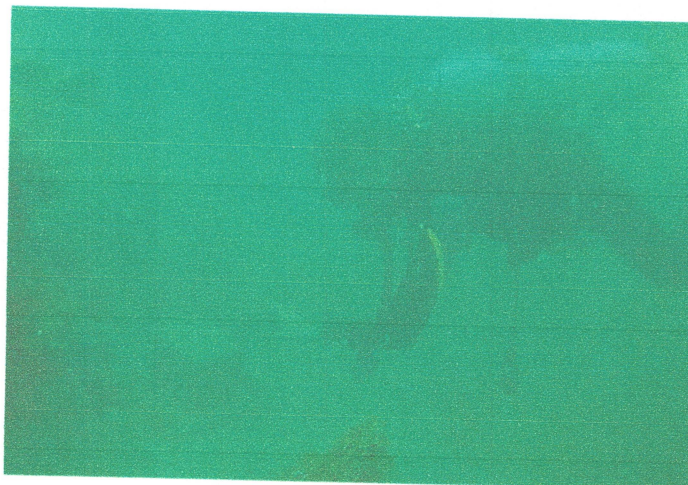
B. Resource Assessment

▪ ARMS Monitoring

Regular monitoring to secure the presence of Autonomous Reef Monitoring Structure (ARMS) unit on the following dates: July 21, 2023, August 28, 2023, and September 29, 2023 in the deployment area (09°54'34" N, 118°49'47" E) in 16 meter's depth.



ARMS Monitoring on July 21, 2023



ARMS Monitoring on August 28, 2023



ARMS Monitoring on September 29, 2023

▪ **3rd Quarter Waterbirds Census CY 2023**

The 3rd Quarter Waterbirds Census was conducted on September 22-23, 2023 in partnership with City ENRO Technical personnel. During the assessment, twenty-six (26) bird species were observed, with a total of one hundred seventy-four (174) individuals counted from at 5:30AM to 10:00 AM, Species of bats were also observed during the assessment at Snake Island NCMCR.



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638 / (048) 433-5638



Photo during Waterbirds Monitoring in Snake Island NCMCR



Photo during installation of mist net



Photo of species of bats observed at SI NCMCR



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

Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638 / (048) 433-5638

■ **Maintenance of buildings and other facilities**

Maintenance of front and side ripraps of Snake Island NCMCR Monitoring station and speedboat repair and scheduled maintenance for the 3rd quarter CY 2023.



Photos frontage and side area of Snake Island NCMCR building on September 22, 2023



Photos during speedboat engine maintenance of Snake Island NCMCR



E. Program and Monitoring Activities

- Conduct of land and sea patrol in Snake Island National Coastal and Marine Center for Research (SINCMCR) to monitor other anthropological activities conducted in the island for potential studies. Likewise, illegal activities observed within the area jurisdiction were recorded and reported.



Photos during the conduct of sea patrol by Law Enforcement Officer Rugymel D. Monticod at Snake Island

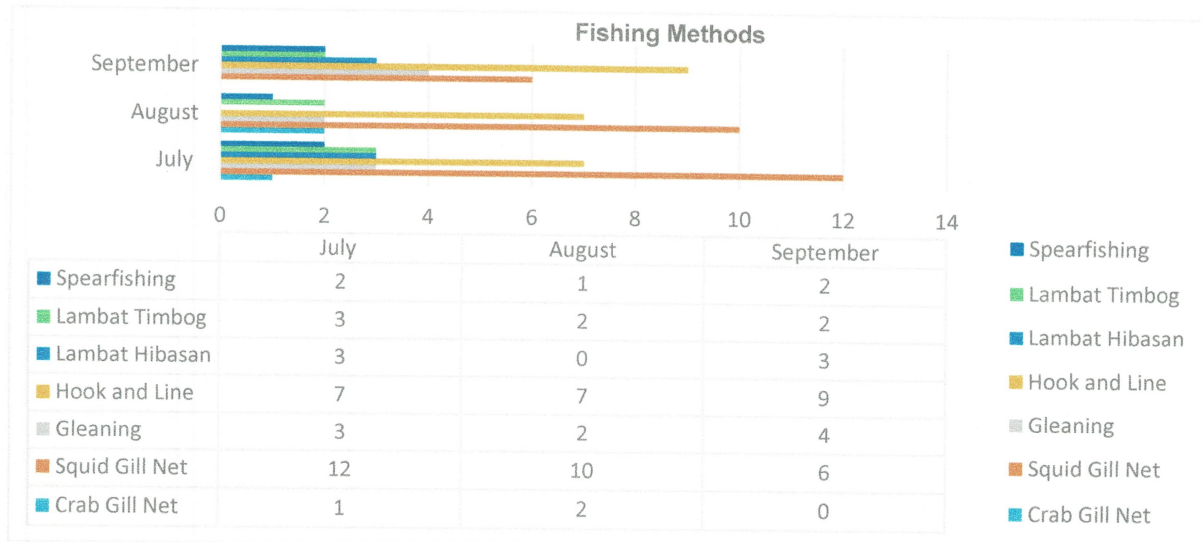
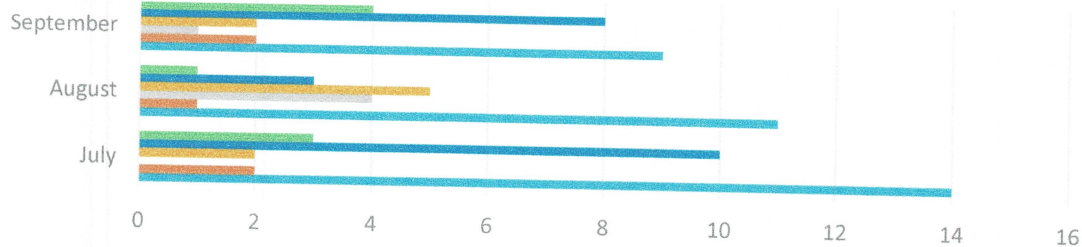


Figure 1: Six main fishing activities identified in the island for the month of July to September 2023 with Squid Gill Net has the highest rate followed by Hook and Line, Gleaning, Lambat-timbog, Lambat-hibasan, Spearfishing and Crab Gil Net as the lowest.



Fisher Folks Place of Origin



	July	August	September
Bgy Sta Lourdes	3	1	4
Bgy Tagburos	10	3	8
Bgy Tagbato	2	5	2
Bgy San Jose	0	4	1
Bgy Maryugon	2	1	2
Bgy Manalo	14	11	9

■ Bgy Sta Lourdes ■ Bgy Tagburos ■ Bgy Tagbato ■ Bgy San Jose ■ Bgy Maryugon ■ Bgy Manalo

Figure 2: Six (6) Identified barangays that benefited on marine resources of Snake Island were recorded for the 3rd Quarter of CY 2023 namely: Barangay Manalo with the highest number of fisher folks recorded followed by Barangay Tagburos, Barangay Tagbato, Barangay Sta. Lourdes, Barangay Maryugon and Barangay San Jose as the lowest rate of activity in the island.

• Marine Debris Monitoring

- Continuous monitoring of marine debris by collecting non-biodegradable waste materials which is sorted and counted. Twenty - one (21) trash bags were filled with approximately ninety - three (93) kilos were collected from a 1,200 sqm plot at Snake Island for the 3rd Quarter of 2023.



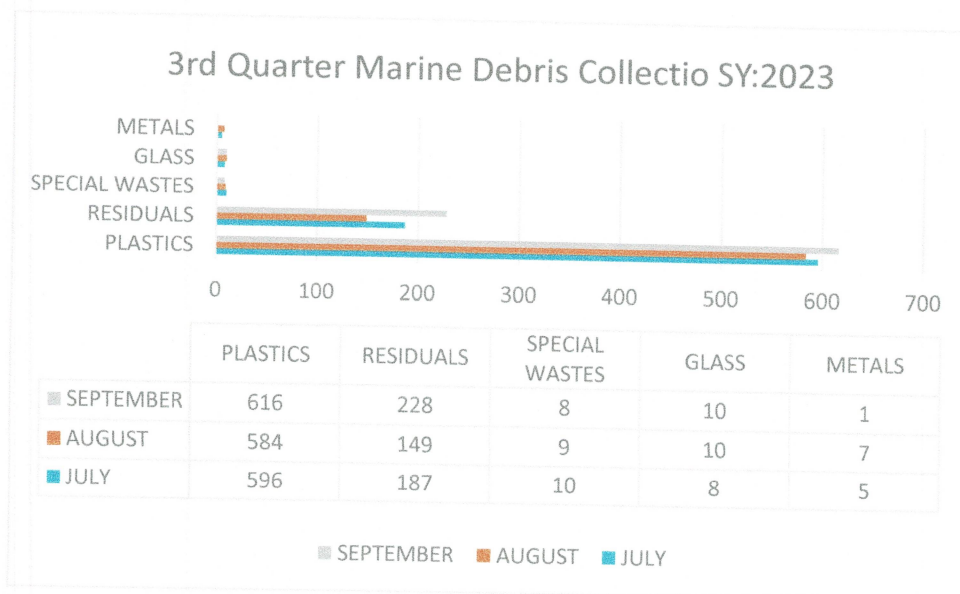


Figure 3: Total number of marine debris collected for the month of July to September 2023 which September and July has the highest number of marine debris collected while August has the lowest number of marine debris collected for the 3rd quarter. The marine debris with the highest number of collection are plastics followed by residual.

- **Monitoring of Gleaning Activities**

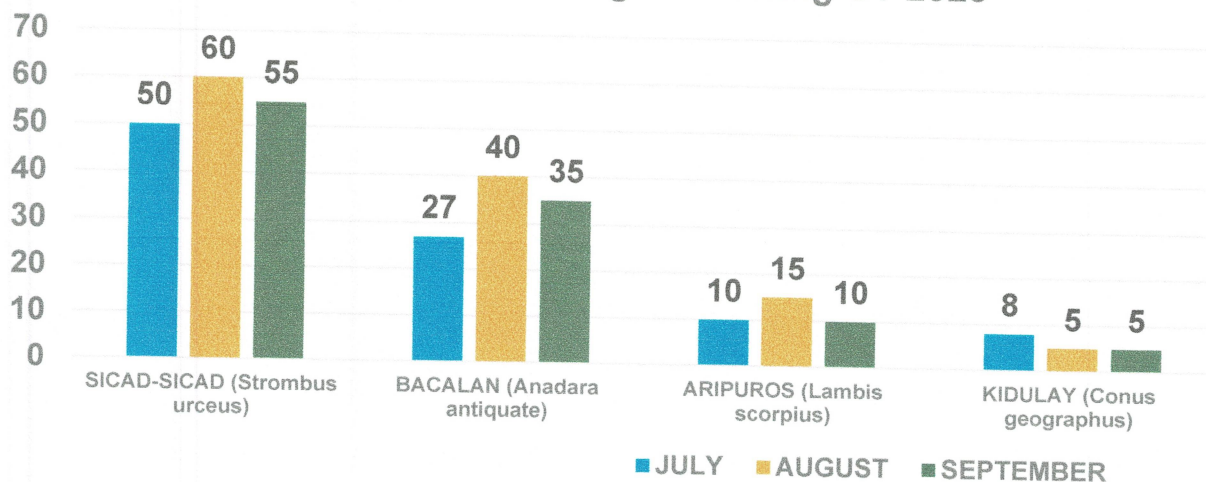
A total of Forty-one (41) males and Twenty-four (24) females visited the Snake Island NCMCR for gleaning (panginginas) activities on the months of July to September 2023 with most coming from Barangay Manalo followed by Barangay Tagburos, San Jose and Tagbato,



Photos during the conduct of gleaning monitoring of Law Enforcement Officer Mark Angel A. Lito at Snake Island NCMCR



3rd Quarter Gleaning Monitoring CY 2023



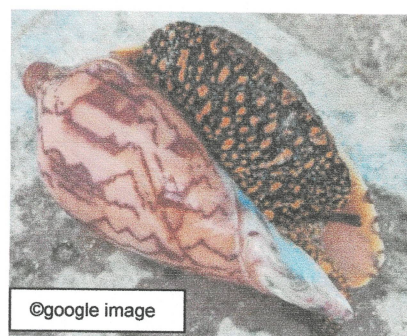
Strombus (Canarium) urceus (Sikad sikad)



Anadara antiquate (Bakalan)



Lambis scorpius (Aripuros)



Conus geographus (Kidulay)

Sampled photos of the four species of gleaned sea shells taken at Snake Island National Coastal and Marine Center for Research



- **Fuel Consumption**

Gasoline consumed for the 3rd Quarter of CY 2023 for the official use of Speedboat with a total of 810 liters of gasoline consumed.

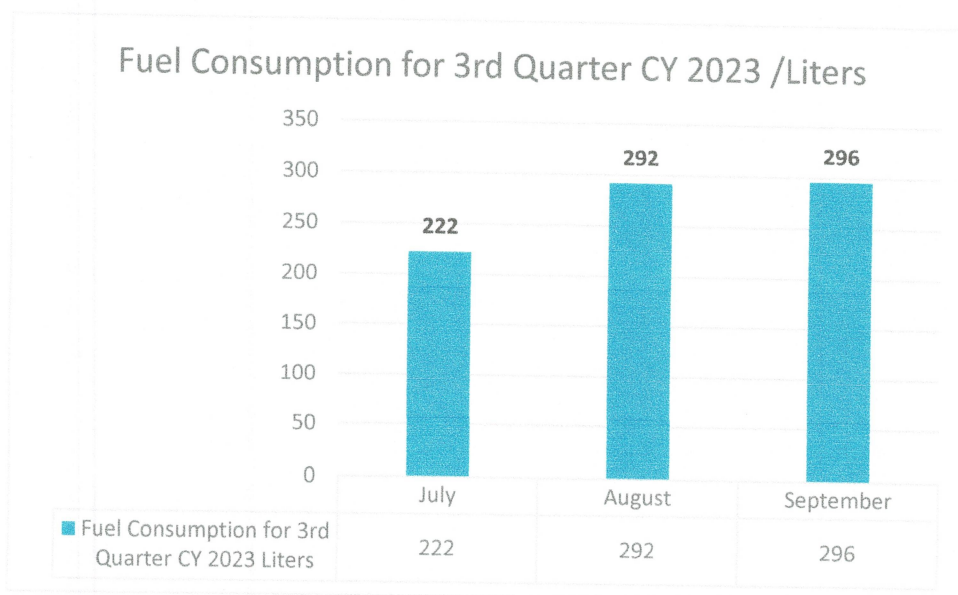


Figure 4: Graph showed that the month of September 2023 has the highest amount of gasoline consumed followed by August and July with the lowest rate gasoline consumption.



Republic of the Philippines
 Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region
 Bgy. Sta. Monica, Puerto Princesa City, Palawan
 E-mail: penropalawan@denr.gov.ph
 Telfax No. (048) 433-5638 / (048) 433-5638

F. 3rd Quarter Physical and Financial Accomplishment Report CY 2023

PPAs/INDICATORS	PHYSICAL				FINANCIAL		
	ANNUAL TARGET	TARGET TO DATE	ACCOM as of Sept 30	% ACCOM (to date)	ALLOT. (*000)	OBLIG. (to date)	DISB. (to date)
Snake Island NCMCR							
1. Hiring of Job Orders							
a. Marine Biologist	1	1	1	100%	403	302,175.00	100,725.00
b. Data Manager	1	1	1	100%	240	180,000.00	60,000.00
c. Research Assistants	2	2	2	100%	450	168,750.00	56,250.00
d. Law Enforcement Officers	2	2	2	100%	418	156,600.00	52,200.00
e. Boat Captain	1	1	1	100%	223	167,211.00	55,737.00
f. Boat Crew	1	1	1	100%	169	126,612.00	61,272.00
g. Facilities Maintenance	1	1	1	100%	169	126,612.00	42,204.00
2. Finalization of updated Operational Plan	1	1	1	100%	75	42,395.92	42,395.92
3. CEPA Campaign	4	4	4	400%	100	53,589.00	53,589.00
4. Resource Assessment							
a. Waterbird Census	4	2	2	100%	100	32,645.00	32,645.00
b. Monitoring of ARMS	12	6	6	100%	100	28,127.00	28,127.00
c. Coastal and Marine Resources Assessment and monitoring	2	1	1	100%	200	200,000.00	200,000.00
5. Maintenance of buildings and other facilities	12	9	9	100%	1,645	306,840.00	306,840.00
6. Construction of Main Building	1	1	1	100%	5,000	600,000.00	600,00.00



G. Other Activities

• INTERNATIONAL COASTAL CLEAN – UP CMEMP ACTIVITY

Coastal Clean-up at Snake Island NCMCR together with Philippine Coast Guard, PNP Maritime, HOBBAI, and Local Government Unit of Barangay Manalo.



Photo during International Coastal Clean – up activity on September 16, 2023



- **24TH NATIONAL MARITIME WEEK**

Coastal Clean – up conducted by MARINA and HOBBAI together with Snake Island personnel during the celebration of National Maritime week.

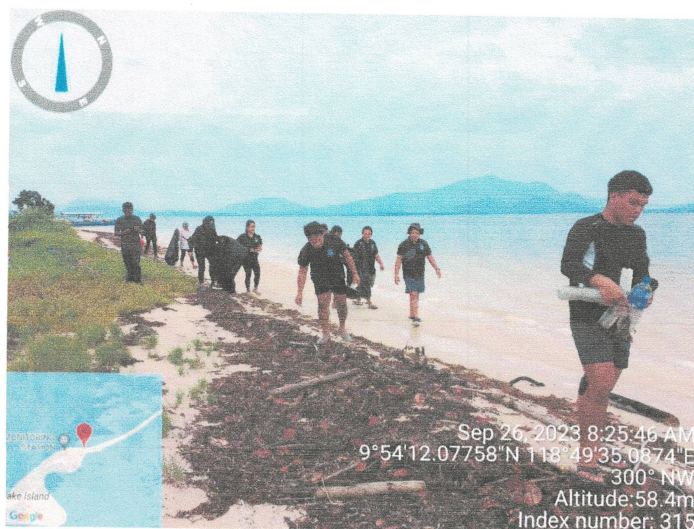


Photo during the 24th National Maritime Week Coastal Clean – up activity on September 26, 2023



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

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638 / (048) 433-5638


- **Water Quality Monitoring**

Environmental Management Bureau Monthly Water Quality Sampling at Snake Island NCMCR and its surrounding areas of the islands.

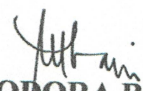


Monthly water quality sampling in Snake Island NCMCR

Prepared by:


BRIAN A. ANAS
Data Manager, SI-NCMCR

Noted by:


RHODORA B. UBANI
Chief CDS/SIMO in concurrent capacity