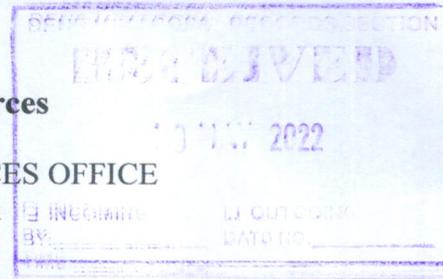




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE
Bgy. Sta. Monica, Puerto Princesa City, Palawan
Telfax No. (048) 434 - 8791
Email Add: penropalawan@denr.gov.ph



RED

May 10, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

: The Regional Director
DENR-EMB- MIMAROPA Region
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

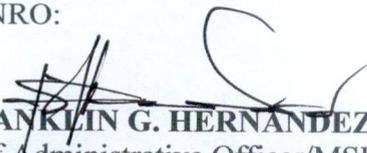
FROM : Provincial Environment and
Natural Resources Officer

SUBJECT : **ACCOMPLISHMENT REPORT OF ENMO RIO M.REYES
REGARDING WATER QUALITY MONITORING OF EL
NIDO-TAYTAY MANAGED RESOURCE PROTECTED AREA
(ENTMRPA), EL NIDO, PALAWAN**

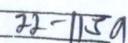
Forwarded is the Memorandum dated April 29, 2022 of CENRO Taytay transmitting the appended memorandum dated April 20, 2022 from Protected Area Superintendent (PASU), ENTMRPA signed by Jenuel P. Casel, Assistant PASU and memorandum dated April 7, 2022 from EnMo, CENRO Taytay Rio M. Reyes relative to the above subject.

For your information and record.

For the PENRO:


FRANKLIN G. HERNANDEZ
Chief Administrative Officer/MSD
In-Charge Office of the PENRO

RGT/EMU Doc. No. 2022-3852

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By: 
Date: 
MAY 11 2022



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

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

By the National Highway, Poblacion, Taytay, Palawan 5312

Mobile: 0926-505-9335 TM 0912-171-3889 TNT

Email: cenrotaytay@denr.gov.ph

**DENR-CENRO
 PALAWAN RECORDS
 RECEIVED**

April 29, 2022

BY: [Signature]
 DATE: 05-05-2022 22:30 52

MEMORANDUM

FOR : The Provincial Environment and Natural Resources Officer- Palawan
 Sta. Monica, Puerto Princesa City

Attention : Provincial Environment Management Office (PEMO)
 Sta. Monica, Puerto Princesa City

FROM : The Community Environment and Natural Resources Officer
 This jurisdiction

SUBJECT : **ACCOMPLISHMENT REPORT OF EnMO RIO M. REYES
 REGARDING WATER QUALITY MONITORING OF EL NIDO-
 TAYTAY MANAGED RESOURCE PROTECTED AREA
 (ENTMRPA), EL NIDO, PALAWAN**

Respectfully forwarded is the memorandum on the above subject dated April 20, 2022 from Protected Area Superintendent (PASu) signed by Assistant PASu/Park Maintenance Foreman Jenuel P. Casel through this Office per memorandum dated April 7, 2022 of EnMO Rio M. Reyes. Accordingly, this submission represents Ms. Reyes accomplishment report for the month of April 2022.

For his information and record.

[Signature]
ALAN L. VALLE

**DENR CENRO
 TAYTAY, PALAWAN
 RELEASED**

BY: [Signature]
 DATE: MAY 04 2022 [Signature] 1291



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Community Environment and Natural Resources
EL NIDO-TAYTAY MANAGED RESOURCE PROTECTED AREA
Calle Real, Barangay Masagana, El Nido, Palawan, 5313
Contact No. LANDLINE (0917-1103-262)
Email: denrpao_elnidopal@yahoo.com / entmrpa@gmail.com

April 20, 2022

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
Taytay, Palawan

FROM : The Protected Area Superintendent
El Nido-Taytay Managed Resource Protected Area

SUBJECT : ACCOMPLISHMENT ON WATER QUALITY MONITORING WITHIN LEGISLATED NIPAS PROTECTED AREA UNDER MARINE PROTECTED AREA STRENGTHENING AND NETWORKING OF EL NIDO-TAYTAY MANAGED RESOURCE PROTECTED AREA (ENTMRPA) FOR MONTH OF APRIL 2022

DENR CENRO
TAYTAY, PALAWAN
RECEIVED
4-26-22 JMS
CR 22100

Respectfully forwarded is the memorandum dated April 7, 2022 from EnMO, CENRO-Taytay Rio M. Reyes pertaining to the accomplished activity under the Water Quality Monitoring within National Integrated Protected Areas System (NIPAS) Protected Area under Marine Protected Area Strengthening and Networking of El Nido-Taytay Managed Resource Protected Area (ENTMRPA) with assistance from this office for the month of April 2022.

Please be informed that the team conducted water sampling on March 21, 2022 at six (6) established stations at Corong-corong-Vanilla Cove Stations, ten (10) El Nido Bay Stations, three (3) Estero Stations and nine (9) Outfall/Coastal Sampling Stations with a total of twenty-eight (28) sampling stations located in El Nido mainland.

The collected water samples were sent to Environmental Management Bureau (EMB) Regional Office for determination of water parameters and analysis.

This serve as our **Means of Verification (MOV)** for Water Quality Monitoring within NIPAS Protected Area under Marine Protected Area Strengthening and Networking of ENTMRPA for the Month of April 2022.

For information and record.

DENR - PAO
ENTMRPA,
El Nido, Palawan
RELEASED
By: [Signature]
Date: 04-20-22
C.N.: 0384

For the PASu,

[Signature]
JENUEL P. CASEL
Park Maintenance Foreman
Asst. PASu, ENMRPA



April 7, 2022

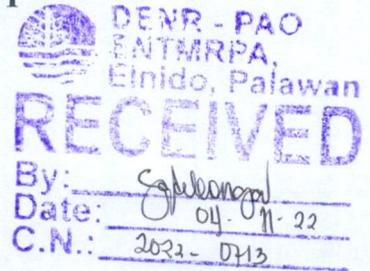
MEMORANDUM

FOR : THE PROTECTED AREA SUPERINTENDENT
El Nido-Taytay Managed Resource Protected Area
Calle Real, Brgy. Masagana, El Nido, Palawan

THRU : The Chief, EMS CENRO-Taytay
EMS I- Nicaith Trisha B. Enrile

FROM : EnMO, CENRO - Taytay

SUBJECT : WATER SAMPLING ACTIVITIES CONDUCTED IN EL
NIDO-BACUIT BAY



This pertains to the above mentioned subject conducted by the undersigned together with EMS I- Nicaith Trisha Enrile, EMS I- Carl Anthony Madamag and EnMO Mark Joseph Gregas.

The team gathered water samples from the stations established on March 21, 2022 with the assistance of Isabelo Conde and ENTMRPA Personnel- Steven John Andao to wit:

CORONG-CORONG-VANILLA COVE STATIONS (BACUIT BAY 6)

1. CORONG-CORONG COVE 3
2. CORONG-CORONG COVE 2
3. CORONG-CORONG COVE 1
4. VANILLA COVE 3
5. VANILLA COVE 2
6. VANILLA COVE 1

EL NIDO BAY STATIONS (EL NIDO BAY 10)

1. TWIN BEACH
2. NACPAN PORT
3. NACPAN BEACH
4. CALITANG BEACH
5. PEACEFUL BEACH
6. LIO BEACH
7. LIO PORT
8. LIO RUNWAY
9. SITIO CAALAN
10. CAALAN BEACH



ESTERO STATIONS

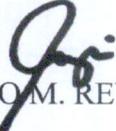
1. CABIGSING
2. BUENA SUERTE
3. MALIGAYA

OUTFALL/COASTAL SAMPLING STATIONS (BACUIT BAY 9)

1. BUENA SUERTE
2. MALIGAYA
3. MASAGANA
4. MASAGANA OUTFALL 2
5. MASAGANA OUTFALL 1
6. CABUGAO OUTFALL
7. EL NIDO ESTERO OUTFALL
8. LUGADYA
9. CORONG-CORONG OUTFALL

Attached are the pictures and field data of the above-mentioned activity.

For information and record.


RIOM. REYES



FIELD DATA AND PHOTO DOCUMENTATION DURING THE WATER SAMPLING ACTIVITY IN BACUIT BAY 6

WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: Bacuit Bay (Corong-Corong Cove - Vanilla Cove)
Address: El Nido, Palawan
Date of Sampling: 03-21-22 Sampling Team: APR, ATDG

Parameter	Sampling Site				
	1	2	3	4	5
GPS Coordinates	11.14499 119.34399	11.14415 119.34631	11.14422 119.34722	11.15573 119.34399	11.15854 119.34776
Time of Sampling	9:24 AM	9:19 AM	9:23 AM	9:06 AM	10:00 AM
Air Temperature					
Cloud Cover, %	60%	60%	60%	60%	60%
Weather Condition	SUNNY	SUNNY	SUNNY	SUNNY	SUNNY
Visual Color of Water	CLEAR	LIGHT GREEN	LIGHT GREEN	LIGHT GREEN	LIGHT GREEN
Other Observation	NO DRIFT, NO TDS	REMARK: 100% PLANKTON	OK	NO DRIFT, NO DRIFT, REMARK: 100% PLANKTON	NO DRIFT, REMARK: 100% PLANKTON
On-Site Analysis	N/A NOT AVAILABLE				
pH					
Temperature					
DO					
Conductivity					
TDS					
Salinity					
Turbidity					

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
Field Coliform	125mL	Standard Glass Bottle	GRAB	ICE
pH, TEMPERATURE, DO	100	PLASTIC	GRAB	ICE

SAMPLED BY: (signature over printed name)
RJO M. RIVERA
MARK J. FROM GECUS

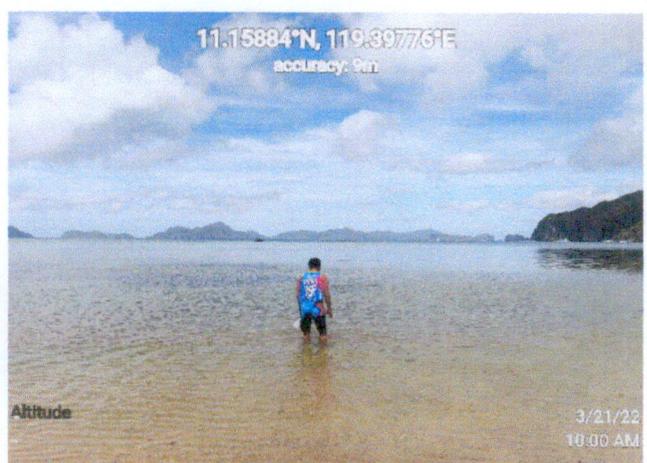
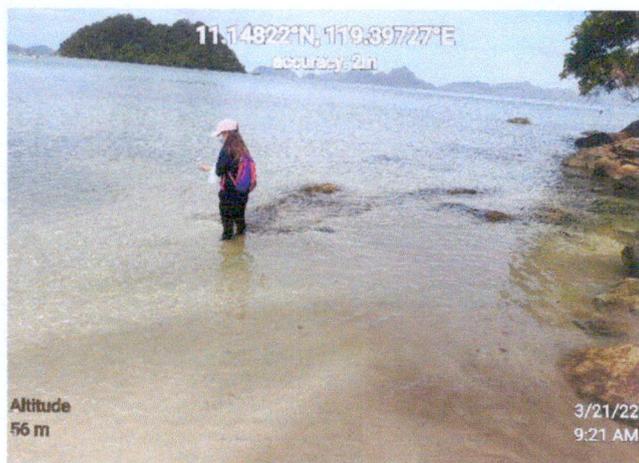
WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: Bacuit Bay (Corong-Corong Cove)
Address: El Nido, Palawan
Date of Sampling: 03-21-22 Sampling Team: APR, ATDG

Parameter	Sampling Site				
	6				
GPS Coordinates	11.14968 119.34732				
Time of Sampling	10:16 AM				
Air Temperature					
Cloud Cover, %	85%				
Weather Condition	CLOUDY				
Visual Color of Water	LIGHT GREEN				
Other Observation	NO DRIFT, NO DRIFT				
On-Site Analysis	N/A NOT AVAILABLE				
pH					
Temperature					
DO					
Conductivity					
TDS					
Salinity					
Turbidity					

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
Field Coliform	125mL	Standard Glass Bottle	GRAB	ICE
pH, TEMPERATURE, DO	100	PLASTIC	GRAB	ICE

SAMPLED BY: (signature over printed name)
RJO M. RIVERA
MARK J. FROM GECUS





FIELD DATA AND PHOTO DOCUMENTATION DURING THE WATER SAMPLING ACTIVITY IN EL NIDO BAY 10

WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: El Nido Bay
Address: El Nido, Palawan
Date of Sampling: 03/21/2022 Sampling Team: ARM, MJO

Parameter	Sampling Site				
	1	2	3	4	5
GPS Coordinates	11° 17' 30.00" N 119° 27' 36.00" E	11° 17' 28.00" N 119° 27' 36.00" E	11° 17' 27.00" N 119° 27' 36.00" E	11° 17' 26.00" N 119° 27' 36.00" E	11° 17' 25.00" N 119° 27' 36.00" E
Time of Sampling	11:24 AM	11:29 AM	9:00 am	7:52 am	7:46 am
Air Temperature					
Cloud Cover, %	60%	70%	60%	70%	70%
Weather Condition	Sunny	Sunny	Sunny	cloudy	cloudy
Visual Color of Water	light green	light green	blue green	blue green	blue green
Other Observation	making the presence of live corals	poor	C	C	C
On-Site Analysis	N/A NOT AVAILABLE				
pH					
Temperature					
DO					
Conductivity					
TDS					
Salinity					
Turbidity					

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
Fecal Coliform	125mL	GRAB	GRAB	ICE
pH, Temperature, DO	1000	PLASTIC	GRAB	ICE

SAMPLED BY: (signature over printed name)
ARM, MJO
MARK JEFFREY GUEVAS

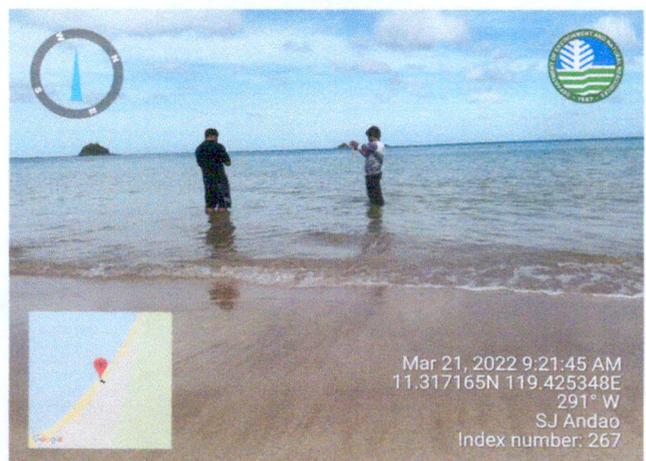
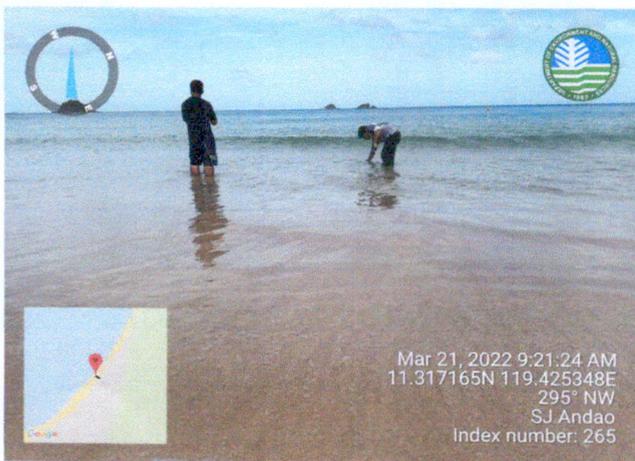
WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: El Nido Bay
Address: El Nido, Palawan
Date of Sampling: 03/21/2022 Sampling Team: ARM, MJO

Parameter	Sampling Site				
	6	7	8	9	10
GPS Coordinates	11° 17' 30.00" N 119° 27' 36.00" E	11° 17' 28.00" N 119° 27' 36.00" E	11° 17' 27.00" N 119° 27' 36.00" E	11° 17' 26.00" N 119° 27' 36.00" E	11° 17' 25.00" N 119° 27' 36.00" E
Time of Sampling	9:26 am	10:10 am	9:49 am	9:19 am	9:20 am
Air Temperature					
Cloud Cover, %	60%	60%	60%	60%	60%
Weather Condition	Sunny	Sunny	Sunny	Sunny	Sunny
Visual Color of Water	brown	blue	blue green	blue green	blue green
Other Observation	Mx	C	C	C	C
On-Site Analysis	N/A NOT AVAILABLE				
pH					
Temperature					
DO					
Conductivity					
TDS					
Salinity					
Turbidity					

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
Fecal Coliform	125mL	STERILIZED PLASTIC BOTTLE	GRAB	ICE
pH, TEMPERATURE, DO	1000mL	PLASTIC	GRAB	ICE

SAMPLED BY: (signature over printed name)
ARM, MJO
MARK JEFFREY GUEVAS





FIELD DATA AND PHOTO DOCUMENTATION DURING THE WATER SAMPLING ACTIVITY IN EL NIDO ESTERO

**WATER QUALITY MONITORING
FIELD DATA FORM**

Name of Waterbody: El Nido Estero
Address: El Nido, Palawan
Date of Sampling: 09-21-22 Sampling Team: HTB, RAR, MYD6

Parameter	Sampling Site		
	1	2	3
	Maligaya	Buena Suerte	Cabigsing
GPS Coordinates	11° 36' 47" N 119° 33' 22" E	11° 37' 35" N 119° 33' 58" E	11° 38' 40" N 119° 33' 38" E
Time of Sampling	11:45 AM	11:51 AM	11:58 AM
Air Temperature			
Cloud Cover: %	65%	65%	65%
Weather Condition	FAIR	FAIR	FAIR
Visual Color of Water	BLACK	BLACK	BLACK
Other Observation	GS	GS	GS, MU, PA
On-Site Analysis	USE NOT AVAILABLE		
pH			
Temperature			
DO			
Conductivity			
TDS			
Salinity			
Turbidity			

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
Fecal Coliforms	125mL	Sterilized Glass Bottle	GRAB	ICE
pH, TEMPERATURE, DO, BOD, CHLOR, NITRATE, AMMONIUM	3000	PLASTIC	GRAB	ICE

SAMPLED BY: (signature over printed name)
Rio M. Reyes





FIELD DATA AND PHOTO DOCUMENTATION DURING THE WATER SAMPLING ACTIVITY IN BACUIT BAY 9

WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: BACUIT BAY (COASTAL)
Address: El Nido, Palawan
Date of Sampling: 03-21-22 Sampling Team: RMR, MJDG

Parameter	Sampling Site				
	1	2	3	4	5
GPS Coordinates	11°31'10"N 119°22'33"E	11°30'52"N 119°23'28"E	11°30'49"N 119°23'10"E	11°30'49"N 119°23'50"E	11°30'10"N 119°23'38"E
Time of Sampling	7:41 AM	7:52 AM	7:26 AM	10:19 AM	7:49 AM
Air Temperature					
Cloud Cover, %	60%	60%	60%	65%	40%
Weather Condition	SUNNY	CLOUDY	SUNNY	CLOUDY	CLOUDY
Visual Color of Water	BROWN GREEN	GREENISH	GREENISH	LIGHT GREEN	LIGHT GREEN
Other Observation	S. PRESENCE OF PLANTS	PRESENCE OF PLANTS	PRESENCE OF PLANTS	PRESENCE OF PLANTS, D	D, F, RM
On-Site Analysis	N/A NOT AVAILABLE				
pH					
Temperature					
DO		N/A			
Conductivity					
TDS					
Salinity					
Turbidity					

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
FECAL COLIFORM	125	GLASS	GRAB	ICE
PH, DO, TEMPERATURE	100	PLASTIC	GRAB	N/A

SAMPLED BY: (signature over printed name)
RMD M. RIVERA
MARK JOSEPH D. GREGAS

WATER QUALITY MONITORING FIELD DATA FORM

Name of Waterbody: BACUIT BAY (COASTAL)
Address: El Nido, Palawan
Date of Sampling: 03-21-22 Sampling Team: RMR, MJDG

Parameter	Sampling Site			
	6	7	8	9
GPS Coordinates	11°30'49"N 119°23'10"E	11°30'50"N 119°23'33"E	11°31'04"N 119°23'34"E	11°31'07"N 119°23'33"E
Time of Sampling	8:19 AM	7:48 AM	N/A	N/A
Air Temperature				
Cloud Cover, %	50%	60%	N/A	N/A
Weather Condition	CLOUDY	SUNNY	N/A	N/A
Visual Color of Water	BROWN	CLEAR	N/A	N/A
Other Observation	GS, GR, F	N/A PLANTS, SAND, TIDE	N/A PLANTS, SAND, TIDE	SAMPLING AREA IS AN OUTFALL SYSTEM
On-Site Analysis	N/A NOT AVAILABLE			
pH				
Temperature				
DO		N/A		
Conductivity				
TDS				
Salinity				
Turbidity				

Parameters for Analysis	Sample Volume (mL)	Container Type	Sampling Method	Preservation Done
FECAL COLIFORM	125	GLASS	GRAB	ICE
PH, DO, TEMPERATURE	100	PLASTIC	GRAB	N/A

SAMPLED BY: (signature over printed name)
RMD M. RIVERA
MARK JOSEPH D. GREGAS

