Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

JUN 26 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 DENR By the Bay Building, Roxas Boulevard,
Barangay 668, Ermita, Manila

THRU : The ARD for Technical Services

FROM : The OIC, PENR Officer

SUBJECT : **ACCOMPLISHMENT REPORT ON INLAND WETLAND PROFILING OF TABTABAN LAKE WITHIN THE AREA OF RESPONSIBILITY OF CENRO SABLAYAN, OCCIDENTAL MINDORO**

Forwarded is the memorandum dated June 21, 2023 of CENRO Sablayan regarding Accomplishment Report on Inland Wetland Profiling of Tabtaban Lake within the Area of Responsibility of CENRO Sablayan, Occidental Mindoro. The assessment and profiling are part of the Proteted Areas, Caves and Wetlands Development and Management Sub-Program, Conservation of Inland Wetlands within the Protected Areas.

Please be informed that Tabtaban lake is a freshwater lake and it is located at Barangay Tuban, Sablayan, Occidental Mindoro with an area of 193.0 hectares but this was reduced to 69.62 hectares due to uncontrolled conversion into agricultural farms based on actual perimeter survey conducted by the CENRO. Also, the lake is a source of food/livelihood, irrigation for rice field of the communites adjacent to the area and it serves as a habitat for wildlife species in the lake, water source for the adjacent areas and cathments/storage area to control flooding during rainy season.

Attached are the filled out Annex B forms for Inland Wetland Profiling-Wetland Information Sheet of BMB Technical Bulletin No. 2018-06, GIS generated maps and photo documentation for your reference.

For information, evaluation and record.

ERNESTO E. TAÑADA

TSD-CDS 6/23/2023
Copy furnished:
1. Planning Section
2. File

So. Pag-asa, Brgy. Payompon, Mamburao, Occidental Mindoro
Email:penroocmin@denr.gov.ph

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

JUN 2 1 2023

RECORDED
Date: 6-21-23
By:

MEMORANDUM

FOR : The Regional Executive Director
1515 DENR By the Bay Building, Roxas Blvd
Barangay 668, Ermita, Manila

THRU : OIC, PENR Officer

FROM : The CENR Officer

SUBJECT : ACCOMPLISHMENT REPORT ON INLAND WETLAND PROFILING OF TABTABAN LAKE WITHIN THE AREA OF RESPONSIBILITY OF CENRO SABLAYAN, OCCIDENTAL MINDORO

Respectfully forwarded is the Accomplishment Report re: abovementioned subject. The assessment and profiling are part of the Protected Areas, Caves, and Wetlands Development and Management Sub-Program, Conservation of Inland Wetlands within PAs. However, the profiling of the target wetland of Marabong and Tabtaban was not within any Protected Area (PA) or initial components as per designated in RA 11038 or Expanded NIPAS Act of 2018. This was carried out by the Conservation and Development Section of CENRO Sablayan in Sitio Tabtaban, Brgy. Tuban, Sablayan, Occidental Mindoro.

Moreover, please be informed that this office has already submitted the profile of Marabong Lake in Sitio Marabong, Brgy. Batong Buhay, Sablayan, Occidental Mindoro dated May 11, 2023, contributing to the 200 % accomplishment of this office.

These inland wetland profiling is beneficial for the crafting of the conservation and protection and/ or ecotourism plan of the said lakes for the sustainable utilization and management of these natural resources.

For your information, evaluation and record.

RECORDS
RECEIVED BY:
DATE: 6/21 TIME:
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PENRO
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FOR. ANASTACIO A. SANTOS, MPA

TSD
RECEIVED BY:
DATE: 6/22/23 TIME: 3:30 pm
RELEASED BY:
DATE: 6/23/23 TIME: 4:30 am

National Road, Brgy. Sto. Niño, Sablayan, Occidental Mindoro
E-mail: cenrosablayan@denr.gov.ph

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

June 14, 2023

MEMORANDUM

FOR	:	The CENR Officer
THRU	:	The ECOMS I / Chief, CDS
	:	The ECOMS II/ Head, Biodiversity Management Unit
FROM	:	The Forester II
SUBJECT	:	**SUBMISSION OF ACCOMPLISHMENT REPORT OF INLAND WETLAND ASSESSMENT AND PROFILING OF TABTABAN LAKE**

Please be informed that the Conservation and Development Section conducted Inland wetland profiling of Tabtaban Lake as one of the targets for CY 2023 of CENRO Sablayan.

The CDS assessment team conducted the following activities for gathering the primary and secondary data for the completion of Inland Wetland profiling as follows:

1. Coordination with the BLGU- Tuban ,Sablayan, Occ. Mindoro ,the barangay wherein Tabtaban lake was located and MENRO of LGU Sablayan prior to the conduct of all activities to be undertaken for profiling;

2. Conducted Survey and mapping activities on April 25,2023;

3. Waterbody Classification thru in-situ water sample collection conducted by the ARNP- PAMO and CENRO- CDS staff;

4. Biological assessment of the resources present within and adjacent to the Wetland, and socio-economic survey thru interview and secondary data from LGU-Sablayan.

Tabtaban lake is a freshwater lake and it is located at Barangay Tuban,Sablayan, Occidental. Mindoro with an area of 193.0 hectares but due to human settlements and uncontrolled conversion of the area to agriculture by the farmers adjacent to the area, it reduced to only 69.62 hectares based on actual perimeter survey conducted by CDS assessment team on April 27, 2023. Tabtaban Lake is the main source of their food/livelihood, irrigation for rice field, serves as a habitat for wildlife species in the lake, water source for the adjacent areas and catchment/storage area to control flooding during rainy season.

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

Attached herewith are the filled-up Annex B forms for Inland Wetland Profiling-Wetland Information Sheet of BMB Technical Bulletin No. 2018-06, GIS generated maps and photo documentation for your references.

For information, evaluation and record.

MERLIE O. BARRERA

Noted:

REYNALDO A. DAÑO
ECOMS II/ Biodiversity Management Unit Head

HEROLD S. CASTRO
ECOMS I/Chief, CDS

National Road, Brgy. Sto. Niño, Sablayan, Occidental Mindoro
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ANNEX B. FORM FOR WETLAND PROFILING (WETLAND INFORMATION SHEET)

Core (minimum) Data Fields for Wetland Profiling

(Adapted and revised from: Ramsar handbooks for the wise use of wetlands, 4th edition.2010. Handbook 13: Inventory, assessment, and monitoring.)

A.GEOGRAPHICAL INFORMATION

1. **Site name**(*official name of site*):**TABTABAN LAKE**

Other names(*If there is a non-official, alternative name, including for example in a local language, catchment name/other identifier(s)(e.g., reference number) provide it here:*
NONE

Photograph. (*Provide at least one high-resolution and one geotagged photograph of wetland*).

2. **Wetland type**(*Circle or underline the applicable codes for the wetland types based on the Ramsar "Classification System for Wetland Type" present in the site. Descriptions of each wetland type code are provided in Appendix 1)*

Marine/coastal	: A •	B •	C •	D •	E •	F •	G •	H •	I •	J •	K • Zk(a)•
Inland	: L •	M •	N •	(O) •	P •	Q •	R •	Sp •	Ss •	Tp •	Ts •
	U •	Va •	Vt •	W •	Xf •	Xp •	Y •	Zg •	Zk(b) •		
Human-made	: 1 •	2 •	3 •	4 •	5 •	6 •	7 •	8 •	9 •	Zk(c) •	

3. **Area, boundary and dimensions:**

Site shape(*cross-section and plan view (i.e. circular, oval, elongated)):*
Elongated shape

Administrative boundaries *(to the North, East, South and West etc.):*

North	East	West	South
San Francisco	**San Agustin**	**Tuban**	**Malisbong**

Area(*total size in hectares, seasonal max/ min, where relevant) 69.62*

	Dry Season		Wet Season	
	Min	Max	Min	Max
Including watershed :	69.62 **has.**			
Area of water/wet area : *(river/creek not included)*	**60.75 has.**			

1				

Length, width, depth *(in meters, seasonal max/min, where relevant; For rivers, provide data for at least three sections—upstream, midstream, downstream, measurement should be taken only from the main tributaries of the rivers):*

		Dry Season		Wet Season	
		Min	Max	Min	Max
Length	:	**2,200 m**			
Width	:	**280 m**			
Depth	:	**2m**			

Elevation *(in meters above sea level)* : **39-42 masl**

Administrative location/coverage:

Sitio	Barangay	Municipality	Province/Island
Tabtaban	Tuban	Sablayan	Occidental Mindoro

Demographic Information: *(Socioeconomic characteristics of communities within the administrative location mentioned above)*

Municipality	Barangay	Population			Primary Sources of Income	Describe the location in wetland area *(i.e. near shoreline, landlocked)*
		Male	Female	Total		
Sablayan	Tuban	2,049	1,935	3,984	Agriculture	Landlocked
	Total Population	2,049	1,935	3,984		

Source and Date of Information :PSA 2015

River Basin/Watershed Name *(name of river basin/watershed where the wetland is located):*
N/A

Geomorphic setting *(Describe the setting in the landscape/catchment/river basin - including altitude, upper/lower zone of catchment, distance to coast where relevant, etc).:*

The Tabtaban Lake was along the bypass road at Barangay Tuban. It was approximately 2.9 km. South away from the national road and 6.2 km. on the west is Libuao lake. Coastal areas of Barangay Poblacion Sablayan is 5.2km. west of this lake.

Map Centroid (mid-point) *(Provide the coordinates (in degrees, minutes and seconds) of the approximate centre of the site and/or the limits of the site. If the site is composed of more than one separate area, provide coordinates for each of these areas. *For rivers/creek provide three (3) coordinates taken from the upstream, midstream and downstream of the river main channel):*

	Latitude	Longitude
Centroid :	12"49'34.19'N	120"50'1.11"E
*Upstream :	N/A	
*Midstream :	N/A	
*Downstream :	N/A	

Mapping details*(Attach GIS generated map in a separate sheet, Projection system: World Geodetic System 1984; Map coordinates: latitude/longitude, in degrees and minutes, refer to Appendix 2 for the required map scale.)*

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4. **Climate**: *(Overview of prevailing climate type, zone and major features i.e. precipitation, temperature, wind)*

Climate Type *(Based on PAGASA Classification)*: ClimateType 1

Climatic Type Description:
LONG DRY SEASON FROM NOVEMBER-JUNE AND
WET SEASON FROM JULY-OCTOBER

Precipitation/Rainfall*(in millimeter (mm), average per month; total amount per year; maximum and minimum level):*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Minimum (mm)													
Maximum (mm)													
Average (mm)	14.3	5.2	2.4		103.5	185.3	354.6	290.5	244	1605.2	155.5	44.1	

Temperature*(in Degree Celsius °C, average per month; maximum and minimum level):*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Minimum (°C)	209	20.9	21.3	22.2	22.7	21.7	21.3	21.1	20.9	20.9	20.8	21.0
Maximum (°C)	32.9	33.7	35.1	36.6	35.2	34.0	33.3	32.4	31.9	31.9	33	33.6
Average (°C)	26.7	27.3	28.2	29.4	28.9	27.9	27.3	26.5	26.8	26.4	29.9	27.3

Heat Index *(in Degree Celsius °C, average per month; maximum and minimum level):*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Minimum (°C)			25									
Maximum (°C)			46									
Average (°C)												

Wind *(in kilometer per hour (KPH), major features such as prevailing wind direction, velocity:*

WIND SPEED: 2-4 km/h WIND DIRECTION: 60,60,60,70,60,70,340,10,270,210,50,50

B. BIO-CHEMICO-PHYSICAL INFORMATION

5. **Soils**:

Geology*(How did the wetland evolved? i.e. develop through erosion processes, deposition of sediment on adjacent lands during floods,forces of nature, rivers deposit sediment, rising sea levels, human activities alter drainage patterns, etc.):*
Force of nature

Type/order of soils *(Based on BSWM nine (9) soil orders recognized in the Philippines, refer to Appendix 3):*
ALFISOL INCEPTISOL

Type of substrates*(sandy, muddy, clayey, gravel etc.):*

Terrestrial/riparian area : Clay
Wetland/aquatic area :BANTO CLAY

Soil biology*(presence of small organisms, organic debris, organic matter etc.):*

Terrestrial/riparian area :

Wetland/aquatic area :Organic matter such as leaves and twigs

6. **Water regime**:

Water source*(check the source and write the name and/or location of inflow and outflow):*

[/] Surface source [/] Ground water source

Inflow/s *(Name and/or location of wetland/s which flows into the site; show in map, if possible):*
N/A

Outflow/s*(Name and/or location of wetland/s which flows out of the site; show in map, if possible):*

Ground water classification*(for ground water source, indicate the NWRB Groundwater Classification,Appendix 4):*
SHALLOW AND DEEP WELLS

7. **Flooding:**

Flooding vulnerability*(flooding vulnerability based on ERDB assessment):*No ERDB Assessment Conducted

Flooding susceptibility *(rain-induced flooding susceptibility based on MGB*): Moderate to High

Flooding frequency*(how often does flooding occur within a year?):*3-4 times a year depends on the vol. of water during typhoon/rainy season

Flooding seasonality*(in what month/s does flooding usually occur?):*Depends on the occurrence of typhoon

Flooding duration*(for how long does floodwater usually stay within each season?)*:4-7 days (observation by the community near on lake)

Magnitude of flow and/or tidal regime*(what is the maximum water level of the flood and how fast does it flows out?)*:

NO DATA

8. **Water quality** *(information can be obtained from EMB regular monitoring if any, or/and conduct of actual field sample collection. Secondary data from other sources could be also used to fill this section)*:

WaterbodyClassification*(Based on DENR- EMB Classification)*: **N/A**

Parameter	Standard[1]	Minimum[2]	Maximum[3]	Average[4]
Biochemical Oxygen Demand (mg/L)				-
Chlorine (mg/L)				-
Color (TCU)				-
Dissolved Oxygen (mg/L)				**8.34mg/L**
Fecal coliform (MPN/100mL)				-
Nitrate as NO_3-N (mg/L)				
pH (range)				**5.83pH**
Phosphate (mg/L)				-
Temperature (°C)				**32.61°C**
Total suspended solid (mg/L)				-
Turbidity (NTU)				**53.59NTU**
Salinity				**0.31ppt**
Conductivity				**0.45mS/cm**
Other: TDS				**0297g/L**
ORP				**351mV**

[1] *Based on DENR- DAO 2016-08 Classification*
[2] *Lowest value collected in a year*
[3] *Highest value collected in a year*
[4] *Average value collected in a year*

Source *(who conducted the monitoring?)* :ARNP – PAMO / CENRO CDS
Year Data Collected : 2023
Sampling Frequency *(annual or monthly)* :MONTHLY

9. Noteworthy flora/Plant communities:

Vegetation structure *(Describe the physical/morphological structure/appearance of existing vegetation, canopy cover such as open or closed forest):*

Soft stem grasses, hyacinth, shrubs species around the lake , bangkal trees.

Vegetation zones*(What are the dominant species? Include indicative location of plant communities, tabulate and show in map, use extra sheet if necessary): Please see attached list of Flora and Fauna hereto attached*

Zone	Local/ Common Name	Family Name	Scientific Name	Distribution	Conservation Status		Indicative Location in Wetlands and time of the year abundant	Remarks (i.e. IAS, Rare, Unique, Seasonal, etc.)
					IUCN Red List	Philippine Red List(DAO 2017-11		
A. Terrestrial/ Riparian (i.e. trees, plant, shrub)	Tan-ag	Sterculiaceae	*Kleinhoviahospita*	Common in thickets, secondary forests, and deserted clearings at low and medium altitudes throughout the Philippines.	LC			
	Balete	Moraceae	*Ficusbalete*	From Northern Luzon to Mindanao, in most islands and provinces, in primary forests at low and medium altitudes. In Manila, planted as avenue and shade tree.	LC			
				Southeast Asia, South China, India and Tropical Africa.	LC			
	Bangkal	Rubiaceae	*Naucleaorientalis*	In secondary forests at low and medium altitudes from the Batan islands and Northern Luzon to Mindanao, in most islands and provinces. Cultivated for ornamental purposes.	LC			
	Putat	Lecythiclaceae	*Barringtoniaracemosa*	Throughout the Philippines in most or all islands and provinces, occurring in thickets and damp places along the seashore and streams at low altitudes.	LC			
	Talahib	Poaceae	*Saccharumspontanium*	South Asia	LC			

	Banaba	Lythraceae	*Lagerstroemia speciosa*	In most or all islands and provinces, chiefly in secondary forests at low altitudes. Found in the Batan islands and Northern Luzon to Palawan, Mindanao and Sulu Archipelago. Ornamental cultivation.	LC			
	Coconut	Arecaceae	Cocosnucefera	Native in South East Asia	LC			
	Bamboo	Poaceae	*Bambusa vulgaris*	Wide natural distribution occurring from approximately 46 degree N latitude to approximately 47 degree S altitude and from sea level to as much as 4,300 meters (ca.14,000 feet) in elevation in equation highlands.	LC			
	Guava	Myrtaceae	*Psidiumguajava*	Cultivated throughout the tropical and subtropical areas of Africa, South Asia, and South East Asia.	LC			
B. Aquatic (i.e. aquatic trees, plants, macrophytes, phytoplankton)	**weeds**	Cyporacea	*Bolbose*	Is a cosmopolitan	LC			
	Bakong	Hanguanaceae	*Hanguanaanthel minthica*	Throughout the Philippines along sandy seashores; sometimes planted inland. -Ornamental cultivated for its showy flowers.	CE			
	Hyacinth	Asparagaceae	*Hyancinthusosmia*	Found in South-eastern United States as well as California, Hawaii, and the Virgin Islands. -These plants have established populations in 23 states and 53	VU			

				countries.				
	Bungarngar	Asteraceae	*Odorata L.*	Native in North America -It has become one of the most invasive weeds of Asia and Africa with consequent economic and ecological burden.	LC			
	Lupo	Amaranthacea	*Alternantherasessilis*	Native in South East Asia	LC			
	Pansi-pansi	Lamiaceae	*Basilicumpolystachyon*	Native in South East Asia	LC			
	Lobo-lobohan	Sapindaceae	*Cardiospermum halicacabum*	Native in South East Asia	LC			
	Anabo	Malvaceaea	Malachracapitata	Native in South East Asia	LC			
	Sampa-sampalukan	Euphorbiaceae	Phyllantusdebilis	Native in South East Asia	LC			
	Tultulisan	Asteraceae	Ecliptazippeliana	Native in South East Asia	LC			
	Kulitis	Amaranthaceae	Amaranthusspinosus	Native in South East Asia	LC			

10. Noteworthy fauna/Animal communities:

Main species present*(What are the dominant species? Population size and proportion where known? Indicative location of animal communities. Tabulate and show in map, use extra sheet if necessary)*:

Class	Local/ Common Name	Family Name	Scientific Name	Population Size	Distribution	Conservation Status	Indicative Location in Wetlands and time of the year abundant	Remarks (i.e. IAS, Rare, Unique, Seasonal, etc.)

					IUCN Red List	Philippine Red List(DAO 2017-11	
A. Terrestrial/ Riparian							
Avifauna	Little Egret	Ardeidae	*Egrettaeulophotes*		Threa tened		
	Phil. Duck	Anatidae	*Anasluzonica*	Endemic to Philippine islands and 8 minor islands		Endan-gered	
	Barred rail	Rallidae	*Gallirallusphili ppensis*	It is found in the Philippine, Indonesia and New Guinea.		Vulne-rable	
	Large-billed Crow	Corvidae	*Corvusmacrorh ynchos*	There are at least 3 or 4 species of crow in the Philippines.	No data	Threate ned	
	King fisher	alcedinidae	*Alcedinidae spp.*	Tropical countries	Near Threa tened		
	Maya	Passeridae	*Passer domesticus*	Middle east, Eurasia, North Africa	Threa tened		
	Barred rail	Rallidae	*Gallirallustorq uatus*	Philippines, Indonesia, western New Guinea	LC		
	Tawny grassbird	Locustellidae	*Megalurustimo riensis*	Australia, Indonesia, Papua New Guinea, and Philippines	LC		
	White eyed slaty Flycatcher	Muscicapi dae	*MelaenormisFi scheri*	Europe, Africa, Asia	LC		
	Yellow bittern	Ardeidae	*Ixobrychussine nsis*	South East asia, Indonesia, Philippines and western Pacific Islands	LC		
	Common emerald dove	Columbidae	*Chalcophapssin dica*	Indian subcontinent, South East asia	LC		
	Philippine drongo cuckoo	Cuculidae	*Surniculusvelut inus*	Philippines	LC		
	Brown shrike	Laniidae	*Laniuscristatus*	Asia	LC		
	Gray heron	Ardeidae	*Ardeacinerea*	Temperate Europe, Asia, and Africa	LC		
	Purple throated	Nectariniidae	*Leptocomasper ata*	Subtropical and tropical mangrove	LC		

	sunbird			forest of Maratua and Philippines			
Mammals	Brown rat	Muridae	Rattusnorvegicus	All continents except antartica	LC		
Herpetofauna	Reticulated python	Pythonidae	Malaopythonreticulatus	South and South east Asia	LC		
	Cane toad	Bufonidae	Rhinella marina	South Mainland Central America, introduced to Oceania, Caribbean, Northern Australia	LC		
	Giant Philippine frog	Dicrogglossidae	Limnonectesmagnus	Tropical and subtropical forest	Near threatened		
Invertebrates							
Others							
B. Aquatic Fish	Tilapia	Cichlidae	Oreochromis	In Philippines, several species of tilapia hve been introduced into local waterways and are formed for food	LC		
	Dalag	Ophicephalidae	*Channastriata*	Mudfish's are found in wetlands, swamps, drains and springs. They typically live in still or slowly flowing, shallow water, with thick aquatic vegetation and overhead cover.	Threathened		
	Hito	Ictaluridae	*Silurifromes*				

C. *WETLAND BENEFITS*

11. Ecosystem services: *(Fill up the corresponding box for the applicable wetland function/benefit based on the list of relevant ecosystem services provided in the site. Include a key phrase/words describing the importance of the wetland and the relative location where the service is provided. Refer to Appendix 5 for the Guidance Note.)*

RAPID ASSESSMENT OF WETLAND ECOSYSTEM SERVICES FIELD ASSESSMENT SHEET

Key How important?
++ Potential significant positive benefit
+ Potential positive benefit

0 Negligible benefit
- Potential negative benefit
-- Potential significant negative benefit

				Scale of benefit		
		How important?	**Describe benefit**	**Local**	**Regional**	**Global**
Provisioning Services	Fresh water	+		/		
	Food	+		/		
	Fuel	-		/		
	Fibre	-				
	Genetic resources					
	Natural medicines or pharmaceuticals	+	Herbal medicine (Banaba, Sambong)	/		
	Ornamental resources	**0**				
	Clay, mineral, aggregate harvesfting	**0**				
	Waste disposal	**0**				
	Energy harvesting from natural air and water flows	**0**				
Regulatory Services	Air quality regulation	+		/		
	Local climate regulation	+		/		
	Global climate regulation	+		/		
	Water regulation	+		/		
	Flood hazard regulation	+		/		
	Storm hazard regulation	+		/		
	Pest regulation	-				
	Disease regulation-human	**0**				
	Disease regulation-livestock	**0**				
	Erosion regulation	+		/		
	Water purification	+		/		
	Pollination	+		/		
	Salinity regulation	**0**				

		How important ?	Describe benefit	Scale of benefit		
				Local	Regional	Global
	Fire regulation	+		/		
	Noise and visual buffering	0				
Cultural Services	Cultural heritage	0				
	Recreation and tourism	+	Ecotourism Opportunity	/		
	Aesthetic value	+	Landscape/ Lake view	/		
	Spiritual and religious value	0				
	Inspiration value	0				
	Social relations	+	Establishment of / **PO**	/		
	Educational and research	+	Fish and Shrimp species / other fauna	/		
Supporting Services	Soil formation	+		/		
	Primary production	+	Crops / Fish			
	Nutrient cycling	++	Nitrogen and Oxygen	/	/	
	Water recycling	++	Water cycle	/	/	
	Provision of habitat	++	Wildlife (Flora and Fauna) species	/	/	
Notes:						

Remarks/Other Information*(on the importance of the particular wetland)*: **Catchment area during reainy season.**

D. MANAGEMENT INFORMATION

12. Land use:

Local land use*(including adjacent settlements, agricultural areas, industries etc.)*: So. Tabtaban Community Settlement, Agriculture Areas (Rice Field and Fishing)

Land use in the river basin : Fishing (Baklad and Hook and Line) and/or

Land use in the coastal zone : N/A

13. **Existing pressures/threats and trends***(concerning any of the features listed above, and/or concerning ecosystem integrity):*

Over and unregulated fishing, unregulated conversion of forest areas to agriculture

14. **Conservation and management status of the wetland** *(List down the legal instruments and social or cultural traditions that influence the management of the wetland; including protected area categories according to the IUCN system and/or any national system and other existing management interventions):*

Republic Act 9147 or Wildlife Protection and Conservation Act of 2001
Republic Act 11038 or Expanded NIPAS Act of 2018
Local Ordinance of Brgy.BatongBuhay

15. **Existing Management plans and monitoring programs:** *(Indicate presence and list down the management plans and monitoring programs in place and planned within the wetland and in the river basin and/or coastal zone)*

With ongoing , management planning by the Tabtaban Lake Resource Conservation and Mgt. Association-PO) with the Sablayan MENRO.

16. **References**(Full citation)

Barangay Tuban Profile,Sablayan, Occ. Mindoro
Secondary data from Sablayan-MENRO

17. **Compiler/Contact/Focal person**(including contact information: office address, telephone number; fax, email address, etc.)

Name	Designation	Office	Contact Number	Email
Merlie O. Barrera	CDS Staff.	DENR-CENRO SBY.	09669470069	**merliebarrera@gmail.com**

Date Accomplished: May 31, 2023

E. ASSESSMENT AND RECOMMENDATIONS

18. **Potential Threats:**

Continuous convertion of Tabtaban lake into agriculture during dry season.
Natural Calamities that may cause Flooding and Erosion/ Siltation to the lake
Unsustainable and unregulated use of resources
Chemical pollution such as :pesticide, and fertilizers drain into he lake by the farmers adjacent to the lake.

19. **Management Prescriptions/Proposed Management Interventions**:

Crafting and implementation of Tabtaban Lake Management Plan in accordance to BMB Technical Bulletin No. 2016 – 10.

20. **Proposed Classification** *(which portions are relevant or critical for management for)*

Classification	Description	Relative location (Mention which part of the wetland where the service is provided)
[/] Food production	Permanent Freshwater lake. Regulating the utilization and introduction of species of fish plan to release in the lake.	General part of the lake (upstream to downstream)
[/] Water regulation	Permanent Freshwater lake. Regulation in the use of water as irrigation to avoid the depletion of resources valuable during summer season.	General part of the lake (upstream to downstream)
[ ] Disaster mitigation		
[ ] Biodiversity importance*	Habitat for different flora and fauna species within the area.	General part of the area.

* Based on criteria mentioned in DMC 17 series of 1997.


51 P 264710 1418903
accuracy: 7m
Altitude
27/04/2023
9:33 am


51 P 264708 1418901
accuracy: 6m
Altitude
92 m
27/04/2023
9:35 am


51 P 264938 1418494
Altitude
90 m


51 P 264710 1418903
accuracy: 7m
Altitude
94 m
9:34 am


51 P 264997 1418545
accuracy: 19m
Altitude
101 m


51 P 264844 1418509
accuracy: 8m
Altitude
98 m
27/04/2023
10:11 am


51 P 264997 1418545
accuracy: 19m
Altitude
101 m
27/04/2023
9:54 am


Altitude
92 m
5/31/23
8:06 AM


51 P 264521 1418892
Altitude
326 ft
5/30/23
5:50 AM


51 P 264860 1418499
accuracy: 7ft
Altitude
380 ft
6/1/23
8:20 AM


12.82209°N, 120.83805°E
Altitude
92 m
5/31/23
9:06 AM

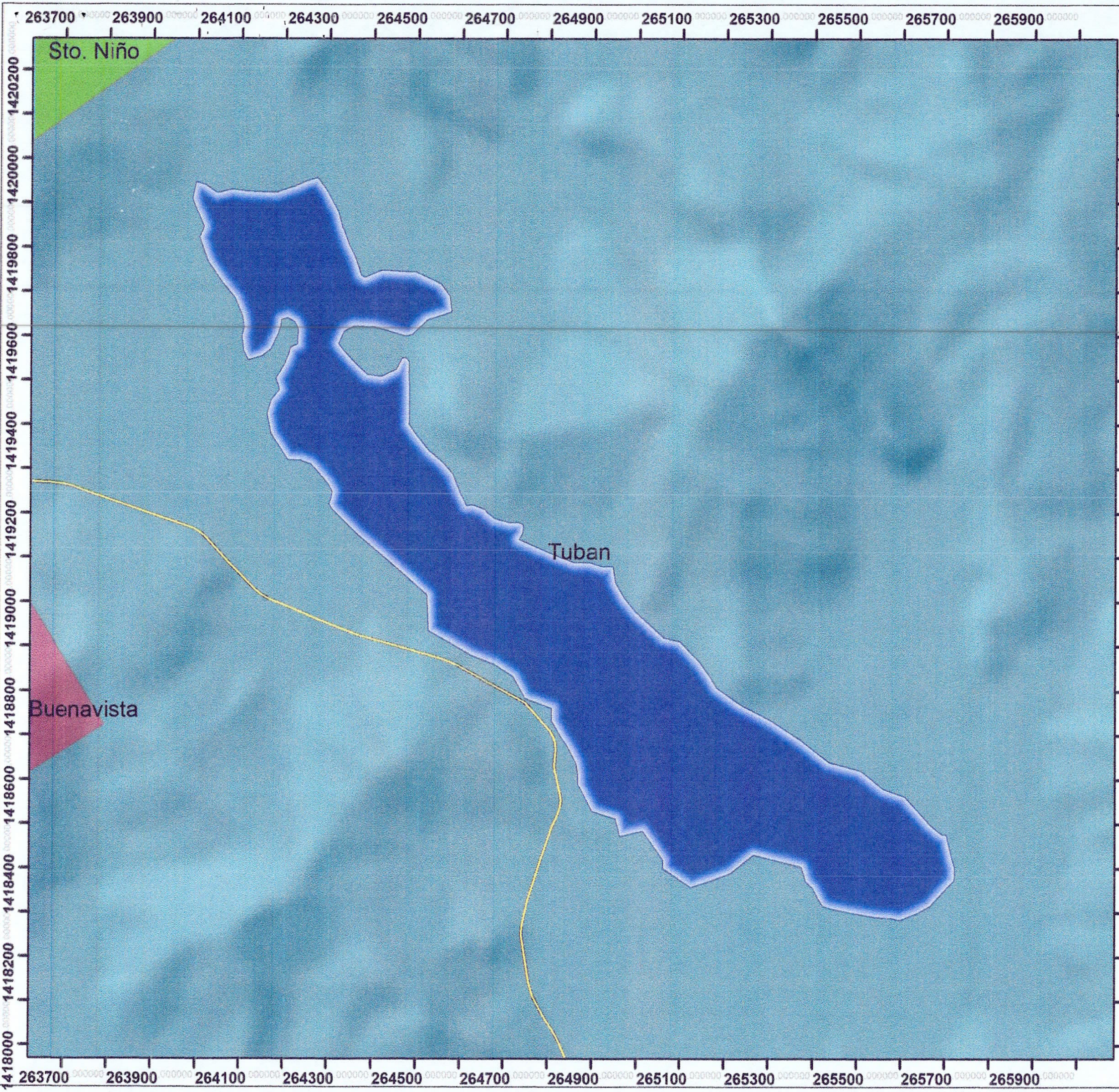

51 P 264966 1418803
accuracy: 6ft


Altitude
207 ft
5/31/23
8:39 AM

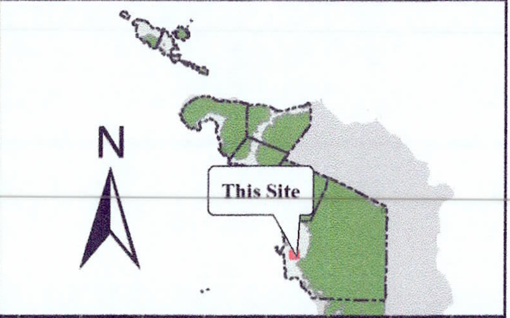

51 P 264907 1418505
6/1/23
8:57 AM


12.82209°N, 120.83807°E
accuracy: 4m
5/31/23
9:05 AM


51 P 264948 1418507



ADMINISTRATIVE MAP
TABTABAN LAKE



LOCATION MAP

SCALE : 1:12,000

Meters
0 180 360 720

Coordinate System: WGS 1984 UTM Zone 51N
Projection: Transverse Mercator
Datum: WGS 1984

LOCATION

Barangay : Tuban
Municipality : Sablayan
Province : Occidental Mindoro
AREA : 69.62 ha

LEGEND

- Road
- Tabtaban_Lake

Barangay

- Buenavista
- Sto. Niño
- Tuban

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
National Highway, Sto. Niño, Sablayan, Occidental Mindoro
Email Address: [illegible]

CERTIFICATION

This is to certify that this is the true and correct map
This map was prepared based on submitted data, maps, and other documents available from this office.

Prepared by:

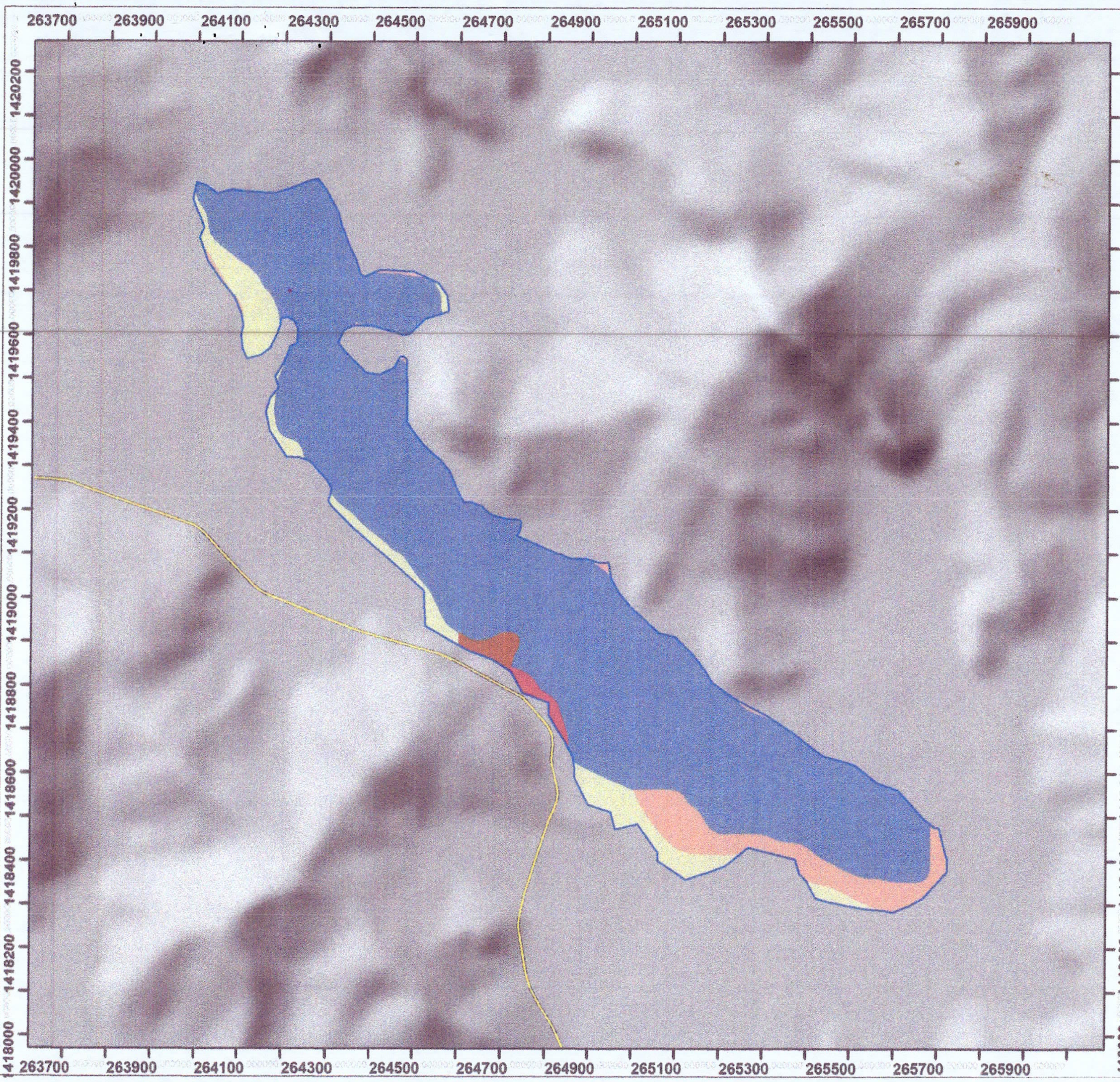
JOSEPH M. MATEO
ECOMS/GIS Unit Member

Reviewed by:

HEROLD S. CASTRO
ECOMS / CDS Chief

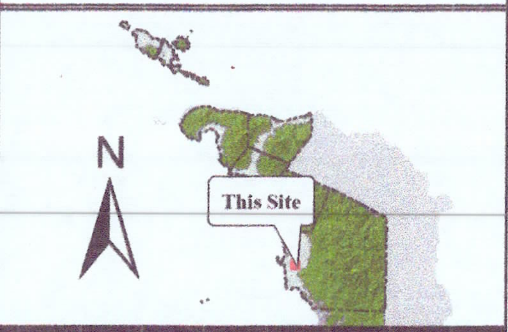
Verified by:

[illegible]
DMO IV/GIS Unit Chief



LAND COVER MAP

TABTABAN LAKE



LOCATION MAP

SCALE : 1:12,000

Meters

0 180 360 720

Coordinate System: WGS 1984 UTM Zone 51N
Projection: Transverse Mercator
Datum: WGS 1984

LOCATION

Barangay : Tuban
Municipality : Sablayan
Province : Occidental Mindoro
AREA : 69.62 ha

LEGEND

Road
Tabtaban_Lake

LAND COVER

Annual Crop
Brush/Shrubs
Built-up
Grassland
Inland Water

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
National Highway, Sto. Niño, Sablayan, Occidental Mindoro
Email Address: [illegible]

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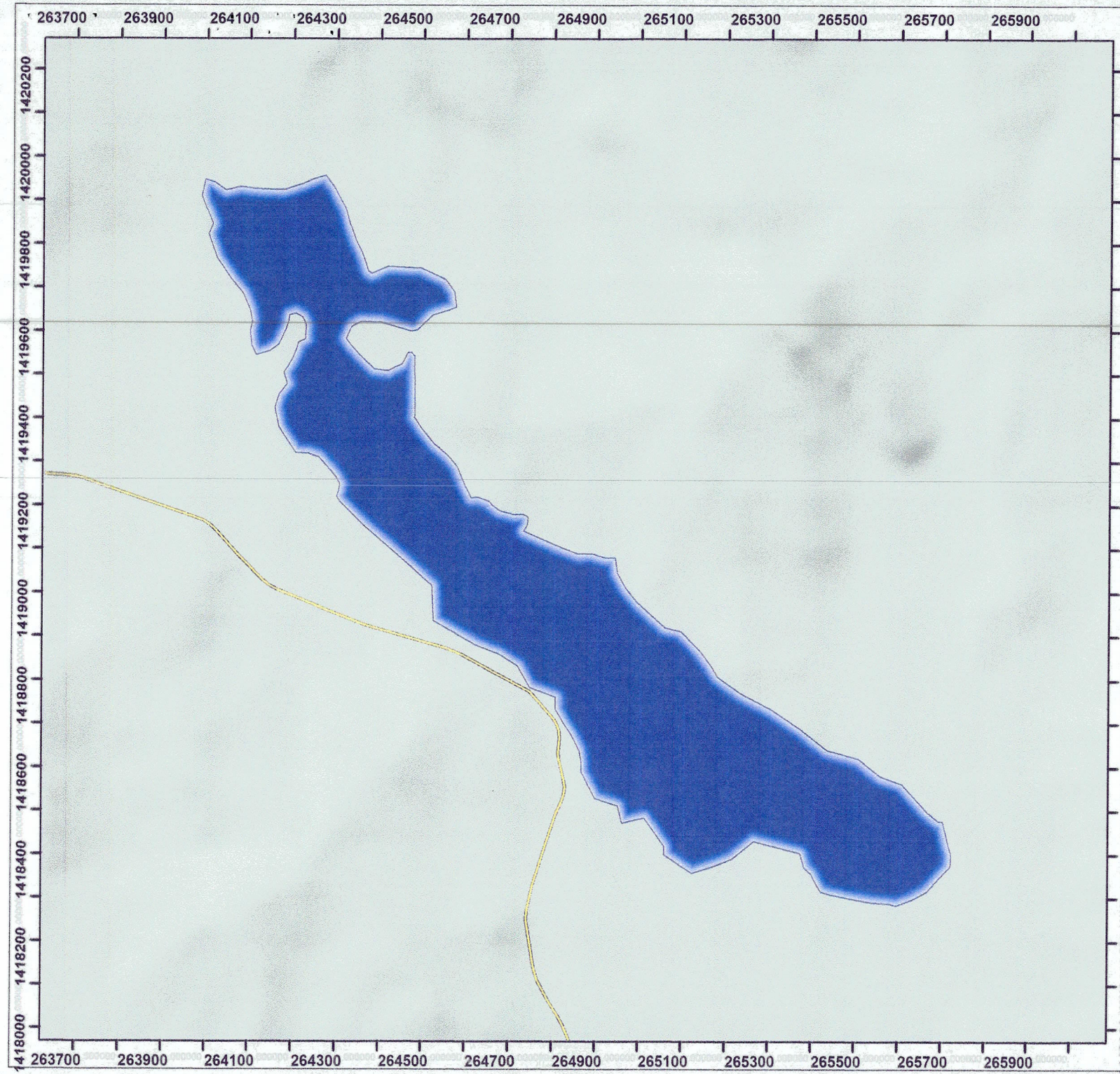
Reviewed by:

HEROLD S. CASTRO
ECOMS I CDS Chief

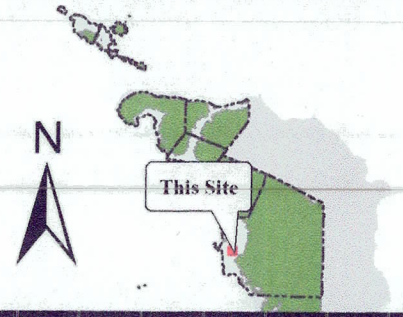
Verified by:

ISAIAS A. [illegible]
EMO IV/GIS Unit Chief



LAND CLASSIFICATION MAP

TABTABAN LAKE



LOCATION MAP

SCALE : 1:12,000

Meters

0 180 360 720

Coordinate System: WGS 1984 UTM Zone 51N
Projection: Transverse Mercator
Datum: WGS 1984

LOCATION

Barangay : Tuban
Municipality : Sablayan
Province : Occidental Mindoro
AREA : 69.62 ha

LEGEND

Road
Tabtaban_Lake

Land Classification

Alienable and Disposable
Forestland

Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
National Highway, Sitio Niño, Sablayan, Occidental Mindoro
Email Address: denrsablayan@gmail.com

CERTIFICATION

This is to certify that this is the true and correct map
This map was prepared based on submitted data, maps, and other documents
available from the CENRO

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Reviewed by:

HEROLD S. CASTRO
ECOMS I CDS Chief

Verified by:

[redacted]
PENRO IV GIS Unit Chief

IN-SITU WATER QUALITY MONITORING RESULT
TABTABAN LAKE, TUBAN, SABLAYAN, OCCIDENTAL MINDORO

No.	SITE	Date	Time	Latitude	Longitude	Temperature	10	pH	1	pHmV	24
1	TABTABAN	4/27/2023	9:42:04	12 49 33 N	120 49 56 E	32.26	°C	5.8	pH	50	mV
2	TABTABAN	4/27/2023	10:04:42	12 49 24 N	120 50 07 E	32.72	°C	5.89	pH	45	mV
3	TABTABAN	4/27/2023	10:05:29	12 49 24 N	120 50 07 E	32.87	°C	5.82	pH	49	mV

No.	SITE	ORP	2	Conductivity	6	Turbidity	3	Dissolved Oxygen	4	DO%	22
1	TABTABAN	353	mV	0.479	mS/cm	278	NTU	8.26	mg/L	-	-
2	TABTABAN	342	mV	0.447	mS/cm	81.3	NTU	8.45	mg/L	-	-
3	TABTABAN	358	mV	0.447	mS/cm	76.7	NTU	8.33	mg/L	-	-

No.	SITE	TDS	8	Salinity	7	Specific gravity	9	Depth	11	---	0
1	TABTABAN	0.311	g/L	0.23	ppt	0	Sigma t	0.45	m	-	-
2	TABTABAN	0.291	g/L	0.21	ppt	0	Sigma t	0.45	m	-	-
3	TABTABAN	0.29	g/L	0.21	ppt	0	Sigma t	0.45	m	-	-

Prepared by:

ANNA RITCHELLE D. NICANOR
Park Maintenance Foreman,
ARNP, PAMO

Noted by:

HEROLD S. CASTRO
ECOMS 1 / Chief, CDS

Concured by:

FOR. ANASTACIO A. SANTOS, MPA
CENR Officer