



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN



MEMORANDUM

FOR/TO : Director, Legal Affairs Service (Vice- Chairperson, PTWG)
Assistant Director, Biodiversity Management Bureau
Assistant Director, Ecosystems Research and Development Bureau
Assistant Director, Environmental Management Bureau
Assistant Director, Forest Management Bureau
Assistant Director, Land Management Bureau
Assistant Director, Mines and Geosciences Bureau
Representative, Office of the Undersecretary for Legal and Administration
Representative, Office of the Undersecretary for Finance, Information Systems and Climate Change
Representative, Office of the Undersecretary Policy, Planning and International Affairs
Representative, Office of the Undersecretary for Field Operations (FO) - Luzon, Visayas and Environment
Representative, Office of the Undersecretary for FO - Mindanao
Representative, Office of the Assistant Secretary for Legal Affairs
Representative, Legal Affairs Service
Representative, Climate Change Service
Representative, Foreign-Assisted and Special Projects Service
Representative, Internal Audit Service
Representative, Strategic Communication and Initiatives Service
Representative, Administrative Service
Representative, Knowledge and Information Systems Service
Representative, Human Resource Development Service

FROM : The OIC Director, Policy and Planning Service

SUBJECT : **SUMMARY OF AGREEMENTS DURING POLICY TECHNICAL WORKING GROUP (PTWG) MEETING NO. 2023-11 HELD ON 21 NOVEMBER 2023, 9:00 AM VIA ZOOM PLATFORM**

DATE : **05 DEC 2023**

We are furnishing herewith the summary of agreements during the Policy Technical Working Group (PTWG) Meeting No. 2023-11 held on 21 November 2023, 9:00 AM via Zoom platform, which tackled the following proposed policies:

1. Draft DAO re: Designation of Siargao Island Coastal and Marine Waters as Water Quality Management Area and Creation of Its Governing Board

MEMO NO. 2023 - 1045

Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN



2. Draft DAO re: Designation of the Iligan Bay – Misamis Oriental and Lanao del Norte as Water Quality Management Area and Creation of Its Governing Board
3. Draft DAO re: Additional List of Classified Waterbodies

In accordance with the agreements during the meeting, the proponent shall revise the abovestated draft policies based on the comments/inputs provided by the body and the same shall be endorsed back to the PTWG Secretariat for preparation of the Completed Staff Work (CSW) prior to the vetting by the concerned Undersecretaries.

Attached are the draft policies with comments/inputs of the PTWG members for your reference.

For your information and appropriate action, please.


CHERYL LOISE T. LEAL



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN



PTWG Meeting No. 2023-11
SUMMARY OF AGREEMENTS
21 November 2023 | 9:00 AM | Online Meeting via Zoom

I. Attendees

PRESIDING OFFICER: Director Norlito A. Eneran	
PTWG MEMBERS:	
BMB – Mr. Angel Bert L. Pamulaklakin	OASFOWM – Ms. Jean Ocampo
BMB – Ms. Siara Jeanne Nulada	OASFOLV – Ms. Josefina M. Ocampo
EMB – Mr. Aldrin O. Maranan	OULA – Ms. Lolita S. Presbitero
EMB – Ms. Crister Kae Alcaraz	OUFOLVE – Mr. Rommel S. Baybayon
EMB – Ms. Michiko S. Sibunga	LAS – Atty. Primo Saraos
MGB – Mr. Richard P. Alamo	
MGB – Mr. Mel Anthony A. Casulla	
FMB – Ms. Lemuelle Celis	
EMB – Ms. Michiko S. Sibunga	
SCIS – Atty. Joseph C. Bautista	
REGIONAL OFFICES PARTICIPANTS:	
Region 10 – Ms. Angelie Claire B. Sayson	Region 13 – Ms. Alice M. Osa
Region 10 – Ms. Joanna S. Garcia	Region 13 – Ms. Ercel S. Saludo
Region 10 – Ms. Hazel Jane A. Fronda	Region 13 – Ms. Rose Jane V. Nuiz
Region 13 – RD Albert G. Arcamo	Region 13 – Mr. Antolin P. Beceril, Jr.
Region 13 – Engr. Florante D. Denamarca	
SECRETARIAT:	
For. Llarina S. Mojica	Ms. Anna Michelle I. Lim
Ms. Cherry Winsom F. Holgado	Ms. Mary Lou L. Retos
Ms. Nim Hydee M. Eusebio	Mr. Raphael Celestino Y. Baskinas
Ms. Zayrelle Ann U. Suello	Ms. Emma Baradi Medina
Mr. Nehemiah Leo Carlo B. Salvador	Ms. Jezreelyn Milar
Mr. Juan Carlo A. Castaneda	

II. Agreements on the following draft policies:

1. Draft DAO re: Designation of Siargao Island Coastal and Marine Waters as Water Quality Management Area and Creation of Its Governing Board

Provision	Comments/Agreements
Subject/Title	<ul style="list-style-type: none"> Revise to state as "Designation of the Siargao Island Protected Landscape and Seascape (SIPLAS) as Water Quality Management Area and Creation of Its Governing Board"
Prefatory Statement	<ul style="list-style-type: none"> Ms. Nulada proposed to include the RA 11038 as SIPLAS under the ENIPAS Act Ms. Presbitero proposed to add the IRR of the ENIPAS (DAO No. 2019-05) as part of the legal basis All the activities should be coordinated with PAMB as stated by RD Arcamo.
SECTION 1. Basic Policy	Adopted
SECTION 2. Objectives	<ul style="list-style-type: none"> Dir. Eneran asked if ground water is included in the WQMA since the membership also includes NWRB. Ms. Saludo responded that only the coastal and marine waters are covered in the WQMA. Dir. Eneran asked if the objective formulation is also similar with other previously issued WQMAs. Ms. Holgado confirmed. Dir. Eneran asked if there are any governing body aside from PAMB within WQMA area that can be recognized as part of the objective. RD Arcamo responded that there are no other governing bodies in Siargao. Ms. Nulada proposed to include the reporting of WQMA monitoring for the management of the SIPLAS and to be included under the PA Management Plan (Include as item 2.8)
SECTION 3. Scope and Coverage	<ul style="list-style-type: none"> Dir. Eneran proposed to omit "to wit" EMB to double check the accuracy and precision of the coordinates indicated in the draft DAO.

	<ul style="list-style-type: none"> • The body proposed to use a uniform subject throughout the draft policy. • Dir. Eneran asked if the area is the same with the one stated under the ENIPAS Act. • Ms. Presbitero asked regarding the coverage of the coordinates. Ms. Osa stated that the coordinates are the areas covering both the landscape and seacape within the whole SIPLAS. This should likewise reflect in the title of the proposed WQMA.
<p>SECTION 4. Definition of Terms</p>	<p>4.1. Dir. Eneran suggested to make proper distinction and to specify the regions concerned</p> <p>4.3 EMB to revise the definition of governing rules to state as “the general guidelines established by the managing committee...”</p> <p>4.6 Clarify that the EMB Central Office shall prepare the report.</p> <ul style="list-style-type: none"> • Omit Section 4.8 • Omit definitions of MSG and TWG • The PASU, PAMP, and PAMB should be included in the definition of terms
<p>SECTION 5. Political/Administrative Jurisdiction</p>	<ul style="list-style-type: none"> • Ms. Presbitero asked if the determination of the political/administrative jurisdiction is dependent upon the location of the area (i.e. based on technical description) or within the purview of the DENR. • Atty. Bautista asked if the concerned LGUs were consulted regarding the designation of WQMA. He also suggested for the deletion of Section 5 as he pointed out that this section is redundant since all the municipalities are already stated under the scope and coverage. Ms. Osa confirmed that series of consultations were held and they agreed to omit Section 5.
<p>SECTION 6. Creation of WQMA Board</p>	<ul style="list-style-type: none"> • Use Caraga Region throughout the proposed policy for the purpose of uniformity.

	<ul style="list-style-type: none"> • Use “Chairperson” instead of “Chairman” to promote gender sensitivity. • It was also pointed out that there are no identified IPs within the island. • Based on DAO No. 2009-15, they have to select the members among the punong barangay as part of the WQMA Governing Board • Specify that the PASU will be a member of the governing board
SECTION 7. Functions of Governing Board	7.8 State that the PAMB will be copy furnished of the status report that will be drafted
SECTION 8. Governing Rules	Adopted <ul style="list-style-type: none"> • The co-chair pertains to the respective committees
SECTION 9. Meetings	<ul style="list-style-type: none"> • Omit the phrase after “the need arises....”
SECTION 10. Technical Secretariat	<ul style="list-style-type: none"> • Specify that the Technical Secretariat will be based in EMB Regional Office of the Department
SECTION 11. Technical Working Group	<ul style="list-style-type: none"> • Revise “actions” to “functions” Adopted
SECTION 12. Multi-Sectoral Group	Omit DAO No. 2005-10 as this is already stated in the first paragraph
SECTION 13. Re-adjustment of Boundaries, Re-designation of WQMA and Reconstitution of Membership	Adopted
SECTION 14. Amendments and Revisions	Amendments or revisions will be subject to the consultation and recommendation of the governing board
SECTION 15. Separability Clause	Adopted
SECTION 16. Repealing Clause	Adopted
SECTION 17. Effectivity	Adopted
Way Forward	The proposed policy is subject to the revision by the proponent. This will be forwarded to all concerned Usecs for vetting process thereafter.

2. Draft DAO re: Designation of the Iligan Bay – Misamis Oriental and Lanao del Norte as Water Quality Management Area and Creation of Its Governing Board

Provision	Comments/Agreements
Subject/Title	Adopted
Prefatory Statement	<ul style="list-style-type: none"> • Include the IRR of the ENIPAS (DAO No. 2019-05) as part of the legal basis • EMB Region 10 to coordinate with PAMB, considering that portion of WQMA is within the Protected Area.
SECTION 1. Basic Policy	Adopted
SECTION 2. Objectives	<ul style="list-style-type: none"> • Ms. Nulada proposed to include the reporting of WQMA monitoring for the management of the area and to be included under the PA Management Plan
SECTION 3. Scope and Coverage	<ul style="list-style-type: none"> • Ms. Ocampo proposed to revise “man-made” to “human-made” Adopted
SECTION 4. Definition of Terms	<ul style="list-style-type: none"> • Check the uniformity of the definition of terms with the previous WQMA reviewed
SECTION 5. Political/Administrative Jurisdiction	<ul style="list-style-type: none"> • Separate the chartered cities under the Local Government Unit • Ms. Fronda proposed to retain Section 5 since there are provinces which are not considered part of WQMA.
SECTION 6. Creation of WQMA Board	<ul style="list-style-type: none"> • Ms. Ocampo asked why academe is only a representative but not considered as a regular member. Ms. Fronda responded that this is based on the procedural manual which provides that WQMA are only for business sectors, NGOs and water utilities. The manual

	<p>also provided that the members will have a three year term.</p> <ul style="list-style-type: none"> • Atty. Bautista asked regarding the chairpersonship of the WQMA Board on whether this will assigned to the Regional Executive Director or to the EMB Regional Director for the purpose of uniformity. Ms. Michiko informed the body that based on Section 5 of the DAO No. 2005-10, the Secretary will designate as the Department representative will chair the WQMA board. • On the involvement of the NCIP during the public consultation, there are no comments provided since there are no identified IPs. • It was agreed by the body that the EMB Regional Director will serve as chairperson unless there is a need to escalate the chairpersonship to RED as with the case in Boracay WQMA.
SECTION 7. Functions of Governing Board	7.11 State that the PAMB will be copy furnished of the status report that will be drafted
SECTION 8. Governing Rules	<p>Adopted</p> <ul style="list-style-type: none"> • The co-chair pertains to the respective committees
SECTION 9. Meetings	Adopted from previous comments provided from WQMA Siargao
SECTION 10. Functions of the Technical Working Group	<ul style="list-style-type: none"> • Ms. Holgado inquired if the composition of the TWGs differs for each WQMA. Ms. Fronda confirmed and stated that the function and the composition of the TWGs are being determined by the Governing Board. • Ms. Ocampo proposed to use TWG instead of committee for the purpose of consistency.

SECTION 11. Functions of the Technical Secretariat	<ul style="list-style-type: none"> • Adopted from previous comments provided from WQMA Siargao • Provide footnote from references in addition to the legal bases provided under the Prefatory Statement
SECTION 12. Multi-Sectoral Group	<ul style="list-style-type: none"> • Ms. Holgado asked if the function/composition of the MSG vary depending on the concerned Governing Board. Ms. Fronda responded that based on rule 5.7 of the DAO No. 2005-10, the Governing Board shall provide the creation of the MSG. • Ms. Holgado asked for the legal basis of the function of the MSG. She suggested adopting what is stated in the guidelines.
SECTION 13. Re-adjustment of Boundaries, Re-designation of WQMA and Reconstitution of Membership	Adopted
SECTION 14. Amendments and Revisions	Amendments or revisions will be subject to the consultation and recommendation of the governing board
SECTION 15. Separability Clause	Adopted
SECTION 16. Repealing Clause	Adopted
SECTION 17. Effectivity	Adopted
Way Forward	The proposed policy is subject to the revision by the proponent. This will be forwarded to all concerned Usecs for vetting process thereafter.

3. Draft DAO re: Additional List of Classified Waterbodies

Provision	Comments/Agreements
Subject/Title	<p>Adopted</p> <ul style="list-style-type: none"> Ms. Holgado informed the body that the policy instrument was revised from DMC into DAO since there are other stakeholders involved.
Prefatory Statement	<p>Adopted</p> <ul style="list-style-type: none"> Include DAO on amendment on Effluent Standards (i.e. DAO No. 2021-19)
SECTION 1. Basic Policy	Adopted
SECTION 2. Objectives	<p>Adopted</p> <p>Include DAO on amendment on Effluent Standards</p>
SECTION 3. Scope and Coverage	<ul style="list-style-type: none"> Ms. Presbitero suggested reconstructing Section 3 as follows: This Order shall cover all water bodies where liquid wastes are being discharged by industrial establishments, business, commercial and agricultural firms, LGUs, GOCCs, other similar entities and instrumentalities, and persons. Ms. Sibunga informed the body that the policy was revised into DAO to emphasize the compliance of the industrial establishments. Ms. Saludo suggested to include waterbodies, fresh brackish, lake, marine or human-made waterbody and adopt the same from DAO 2016-08. The body agreed to revise this section to state as: <p>“This Order shall cover all waterbodies, fresh and marine</p>

	<p>where industrial, commercial, agricultural and domestic firms, local government units, government-owned or controlled corporations and other similar entities and instrumentalities, including persons discharging liquid wastes.</p> <p>All existing discharges are given twelve (12) months to phase their compliance with the classification of the water body.”</p>
SECTION 4. Definition of Terms	Adopt the definition of terms provided under DAO No. 2016-08
SECTION 5. Additional List of Classified Water Bodies	<ul style="list-style-type: none"> Ms. Holgado suggested for the proponent to review and double check the areas covered as well as their respective coordinates.
SECTION 6. Separability Clause	Adopted
SECTION 7. Repealing Clause	Adopted
SECTION 8. Effectivity	Adopted
Way Forward	The proposed policy is subject to the revision by the proponent. This will be forwarded to all concerned Usecs for vetting process thereafter.

The PTWG meeting was adjourned at 4:15 PM.

Prepared by the Secretariat

Noted by:










ATTY. NORLITO A. ENERAN
 Director, Legal Affairs Service and
 Vice Chairperson, DENR-PTWG

PHOTO DOCUMENTATION










Participants (34) 🔍 🔗 ✕

🔍 Find a participant

-  DENR PSD Mary Lou Retos 🔇 🔇
-  DENR-BMB Argel Pamulaklakin 🔇 🔇
-  DENR-EMB R13 Albert Arcamo 🔇 🔇
-  DENR-EMB Senior EMS Aldrin ... 🔇 🔇
-  DENR-PSD Juan Carlo Castaneda 🔇
-  DENR-PSD Raphael Baskinas 🔇 🔇
-  DENR-PSD-Emma Baradi-Medi... 🔇 🔇
-  EMB - Crister Kae Alcaraz 🔇 🔇
-  EMB R13 - Ercel Saludo 🔇 🔇










Participants (34) 🔍 🔗 ✕

🔍 Find a participant

-  MGB_Mel CAS... Ask to Unmute ⋮
-  Michiko Sumida 🔇 🔇
-  Nim Hyde M. Eusebio 🔇 🔇
-  OASFOLV_Josefina M. Ocampo 🔇 🔇
-  OASFOWM_Jean Ocampo 🔇 🔇
-  OUFOLVE Rommel Baybayon 🔇 🔇
-  OULA-Lolit Presbitero 🔇
-  pcsaraos 🔇 🔇
-  Rose Jane Nuiz_EMB Caraga/A... 🔇 🔇










Participants (34) 🔍 🔗 ✕

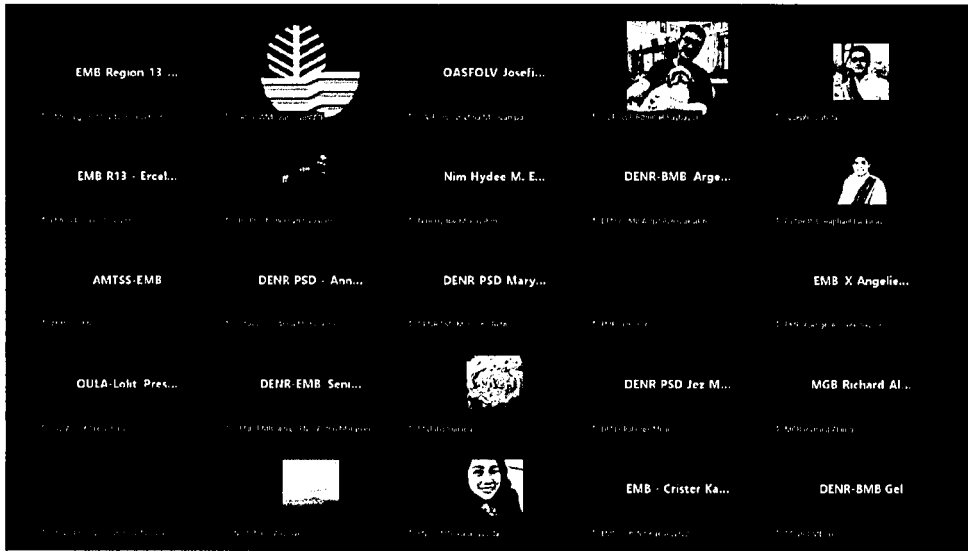
🔍 Find a participant

-  EMB Region 1... Ask to Unmute ⋮
-  EMB X_Angelie Claire Sayson 🔇
-  EMB X_Joanna Garcia 🔇 🔇
-  EMB X-Hazel Fronda 🔇 🔇
-  FMB Lemuelle Celis 🔇 🔇
-  Joseph Bautista 🔇 🔇
-  MGB Richard Alamo 🔇 🔇
-  MGB_Mel CASULLA 🔇 🔇
-  Michiko Sumida 🔇 🔇

Participants (34) 🔍 🔗 ✕

🔍 Find a participant

-  PSD_Cherry Holg... (Co-host, me) 🔇 🔇
-  PSD_Llarina Mojica (Host) 🔇 🔇
-  PPS-PSD Nehemi... (Co-host) 🔇 🔇
-  DENR-PPS Zayrel... (Co-host) 🔇 🔇
-  EMB Caraga Alice M. Osa 🔇 🔇
-  AMTSS-EMB 🔇 🔇
-  BMB CMD Siara Nulada 🔇 🔇
-  DENR PSD - Anna Michelle Lim 🔇 🔇
-  DENR PSD Jez Milar 🔇 🔇





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6 **DENR Administrative Order**
7 No. 2023 – _____
8

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10 Subject: **Designation of Siargao Island Coastal and Marine Waters as**
11 **Water Quality Management Area and Creation of Its**
12 **Governing Board**
13

14 Pursuant to Section 5 of Republic Act 9275 otherwise known as the Philippine
15 Clean Water Act of 2004, DENR Administrative Order No. 2005-10 or the
16 Implementing Rules and Regulations of RA 9275, and DENR Memorandum Circular
17 No. 2009-15 or Procedural Manual for the Designation of Water Quality Management
18 Areas, and considering its critical importance to the municipalities of General Luna,
19 Dapa, Del Carmen, Pilar, San Isidro, San Benito, Santa Monica, Burgos, and Socorro,
20 all located in Siargao Island, Province of Surigao del Norte, the Siargao Island Coastal
21 and Marine Waters is hereby designated as a Water Quality Management Area
22 (WQMA). (include RA 11038 as SIPLAS) include the DAO 2019-05 IRR of the
23 ENIPAS Act of 2018

24 **SECTION 1. Basic Policy.** It is the policy of the State to pursue economic
25 growth in a manner consistent with the protection, preservation and revival of the
26 quality of our fresh, brackish and marine water.
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28 **Section 2. Objectives.** To protect and improve its water quality, the Siargao
29 Island Coastal and Marine Waters shall be managed consistent with the following
30 water quality management objectives:
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- 32 2.1 To achieve and maintain an acceptable water quality in the Siargao Island
33 Coastal and Marine Waters that will serve the best interest of its
34 stakeholders and user-communities, consistent with DENR
35 Administrative Order No. 2016-08, the Water Quality Guidelines and
36 General Effluent Standards of 2016;
- 37 2.2 To provide appropriate processes and procedures for the prevention,
38 control and abatement of water pollution in Siargao Island Coastal and
39 Marine Waters and its ecosystems of marine, wetland, and terrestrial
40 areas, through a comprehensive management program for water
41 pollution control;
- 42 2.3 To ensure that Siargao Island Coastal and Marine Waters covering its
43 ecosystems of marine, wetland, and terrestrial areas continue to be one
44 of the best ecotourism destinations of the Caraga Region and the
45 country as a whole, where recreational activities, such as surfing, game
46 fishing, bathing, and other recreational activities, and support marine
47 food production and sustainable tourism industry in the WQMA

- 48 jurisdiction;
- 49 2.4 To formulate a program on water quality management that link water
- 50 quality management issues to ecological protection, sustainable tourism,
- 51 marine food production, public health, and quality of life;
- 52 2.5 To maximize the use of public information and education on coastal and
- 53 marine water management as the venue for the active participation of
- 54 the stakeholders;
- 55 2.6 To encourage other government agencies, civil society organizations, and
- 56 other sectors, such as the academe and business to take an active role
- 57 in water quality protection and management; and
- 58 2.7 To promote and harness inter-LGU and stakeholder collaboration and
- 59 cooperation through coordinated efforts in protecting and sustaining
- 60 acceptable quality of water of the Siargao Island Coastal and Marine
- 61 Waters.
- 62 reporting of the water quality management or monitoring for the management
- 63 of the PA or SIPLAS inclusion of PA management plan.
- 64

65 **Section 3. Scope and Coverage.** The Siargao Island Coastal and Marine

66 Waters as WQMA shall cover its ecosystems of marine, wetland, and terrestrial areas

67 that are within the WQMA boundary including the land embraced by the landscape

68 and seascape identified through various maps. It shall cover the municipalities of

69 Burgos, Dapa, Del Carmen, General Luna, Pilar, San Benito, San Isidro, Sta. Monica

70 and Socorro are located in the islands of Siargao and Bucas Grande, province of

71 Surigao del Norte and all the lands and waters within the following boundaries to wit

72 (See attached map marked as Annex A):

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Corners	Latitude	Longitude
1	9°52' 17.888" N	126°18' 39.126" E
2	9°38' 41.755" N	126°19' 54.272" E
3	9°32' 30.639" N	126°09' 52.703" E
4	9°32' 0.810" N	126°0' 33.324" E
5	9°32' 50.078" N	125°54' 15.851" E
6	9°39' 31.192" N	125°50' 23.463" E
7	9°48' 0.817" N	125°53' 22.146" E
8	9°55' 47.199" N	125°46' 28.859" E
9	10°02' 44.643" N	125°56' 21.798" E
10	10°09' 23.397" N	126°04' 3.781" E
11	10°06' 16.269" N	126°10' 19.801" E

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75 The area of Siargao Island Protected Landscape and Seascape WQMA, as

76 provided in Republic Act 11038, also known as the "Expanded National Integrated

77 Protected Areas System Act of 2018," is 283,974.77 hectares. Thus, the Siargao

78 Coastal and Marine Waters WQMA will focus on the management of its water quality.

79 (quote SIPLAS as WQMA name) (SIPLAS as title of Draft Policy)

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Section 4. Definition of Terms:

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4.1 Environmental Management Bureau (EMB) - A regional agency responsible for environmental management, including the implementation of environmental laws and regulations within a specific region, such as Region XIII.

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4.2 General Effluent Standard (GES) – any legal restriction or limitation on quantities, rates, and/or concentrations or any combination thereof, of physical, chemical or biological parameters of effluent which a person or point source is allowed to discharge into a body of water or land; that is applicable to all industry categories and defined according to the classification of the receiving water body.

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4.3 Governing Rules – These shall be issued by the Governing Boards. These governing rules shall be submitted to the Department, through the Regional Office, for comment to advise the Governing Board of possible conflict in policies and laws of national application. (for refinement)

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4.4 Integrated Water Quality Management Framework - A comprehensive approach that integrates various aspects of water quality management, including pollution prevention, ecological protection, and public health considerations, to achieve sustainable water quality.

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4.5 Multi-sectoral group (MSG) – The Governing Rules shall provide for the creation and operation of a multi-sectoral group for water quality monitoring and surveillance. (get definition from Sec 12

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4.6 National Water Quality Status Report (NWQSR) – a report to be prepared by the EMB CO Department indicating: (a) the location of water bodies, their water quality, taking into account seasonal, tidal and other variations, existing and potential uses and sources of pollution per specific pollutant and pollution load assessment; (b) water quality management; and (c) water classification.

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4.7 Non-point source – any source of pollution not identifiable as point source to include, but not be limited to, runoff from irrigation or rainwater which picks up pollutants from farms and urban areas.

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4.8 Water Pollution – any alteration of the physical, chemical or biological or radiological properties of a water body resulting in the impairment of its purity or quality.

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4.9 Water Quality – means the characteristics of water which defines its use in terms of physical, chemical, biological, bacteriological or radiological characteristics by which the acceptability of water is evaluated.

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4.10 Water Quality Guidelines (WQG) – refer to the level for a water constituent or numerical values of physical, chemical, biological, and bacteriological or radiological parameters which are used to classify water resources and their use, which do not result in significant health risk.

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124 4.11 Water Quality Management Areas (WQMA) – are certain areas using
 125 appropriate physiographic units (i.e. watershed, river basins or water
 126 resources regions), having similar hydrological, hydrogeological,
 127 meteorological or geographic conditions which affect the physicochemical,
 128 biological and bacteriological reactions and diffusions of pollutants in the
 129 water bodies, or otherwise share common interest or face similar
 130 development programs, prospects, or problems.

131 4.12 Water Quality Management Area Action Plan (WQMAAP) - includes
 132 but not limited to the following: (a) goals and target including sewerage or
 133 septage program; (b) schedule of compliance to meet the applicable
 134 requirements of RA 9275; (c) water pollution control strategies or
 135 techniques; (d) water quality information and education program; (e)
 136 Resource requirement and possible sources; (f) enforcement procedures
 137 of the plan; and (g) rewards and incentives under Chapter 4 of RA 9275.
 138

139 **Section 5. Political/Administrative Jurisdiction.** As determined by DENR-
 140 EMB Caraga Region, the political/ administrative jurisdiction of the Siargao Island
 141 Protected Landscape and Seascape Water Quality Management Area encompasses
 142 the following areas in the municipalities within Siargao Island, Province of Surigao del
 143 Norte:
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Region	Province	Landmass	Municipality
XIII	Surigao del Norte	Siargao Island	General Luna Dapa Del Carmen Pilar San Isidro San Benito Santa Monica Burgos Socorro

145 **Section 6. Creation of WQMA Governing Board.** A WQMA Governing Board
 146 is hereby created which shall be chaired by the Regional Executive Director of the
 147 Department of Environment and Natural Resources (DENR) Caraga Region, co-
 148 chaired by the Regional Director of the DENR-Environmental Management Bureau
 149 Caraga Region, and shall have the following members:
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- 151
- 152 6.1 Executive Director of the National Water Resources Board or his/her
 153 duly authorized representative
 - 154 6.2 Governor, Province of Surigao Del Norte or his/her duly authorized
 155 representative
 - 156 6.3 Chairperson, Regional Development Council, Caraga Region or his/her
 157 duly authorized representative
 - 158 6.4 The Mayors of the following Municipalities or their duly authorized
 159 representative:
 - 160 6.4.1 General Luna
 - 161 6.4.2 Dapa
 - 162 6.4.3 Del Carmen

- 163 6.4.4 Pilar
 164 6.4.5 San Isidro
 165 6.4.6 San Benito
 166 6.4.7 Santa Monica
 167 6.4.8 Burgos
 168 6.4.9 Socorro
 169 6.5 One Punong Barangay shall be selected from among the Punong
 170 Barangays President of the Municipal Chapter of the Association of
 171 Barangay Captains of the Municipalities of General Luna, Dapa, Del
 172 Carmen, Pilar, San Isidro, San Benito, Santa Monica, Burgos, and
 173 Socorro
 174 6.6 Regional Director or duly authorized representative of the following
 175 Regional Offices in Caraga Region:
 176 6.6.1 Department of Tourism
 177 6.6.2 Philippine Coast Guard
 178 6.6.3 Department of Agriculture
 179 6.6.4 Department of the Interior and Local Government
 180 6.6.5 National Economic and Development Authority
 181 6.6.6 Department of Public Works and Highways
 182 6.6.7 Department of Health
 183 6.6.8 Department of Trade and Industry
 184 6.6.9 Department of Science and Technology
 185 6.6.10 Bureau of Fisheries and Aquatic Resources;
 186 6.6.11 National Irrigation Administration
 187 6.6.12 Department of Education
 188 6.6.13 Philippine Information Agency
 189 6.7 Representative of the following sectors that have stakes in Siargao
 190 Island Coastal and Marine waters and its ecosystems of marine,
 191 wetland, and terrestrial areas:
 192 6.7.1 Business and industry
 193 6.7.2 Water Utility
 194 6.7.3 Academe
 195 6.7.4 Duly registered Environmental Non-Government Organizations/
 196 Local Peoples' Organizations/ Civil Society involved in Natural
 197 Resource Management or Environmental Concerns
 198 6.8 Representative of the Fisheries and Aquatic Resource Management
 199 Councils
 200 6.9 Representative of the Siargao Island Protected Landscape and
 201 Seascape-PAMB (representative from PASu) (include in Sec 4) (PASu
 202 PAMP PAMB to be provided by BMB)
 203

204 Assistance from other national government agencies or local government unit
 205 offices which are not members of the Governing Board will be requested if deemed
 206 necessary. They shall be invited to attend meeting/s if the need arises.
 207

208 The terms, vacancy, and reasonable incentive of the Governing Board shall be
 209 governed by DAO No. 2005-10. The Local Chief Executive and Head of Offices may
 210 appoint/ authorized representatives to the Board, provided that he/she shall be able to
 211 make commitments.
 212

213 Representatives from the academe, business sector, people organization/non-
214 government organization/civil society, and indigenous peoples shall be designated in
215 accordance with the procedures and requirements as provided for in DAO No. 2005-
216 10.

217
218 **Section 7. Functions of the Governing Board.** The Governing Board shall
219 have the following functions:

220 7.1 Formulate strategies to harmonize policies/regulations/local legislation
221 necessary for the effective implementation of R.A No. 9275 in
222 accordance with those established in the Integrated Water Quality
223 Management Framework;

224 7.2 Review the initial WQMA Action Plan prepared by the EMB Caraga Region
225 and draft a common and integrated compliance plan. Thereafter, prepare
226 a draft action plan for the succeeding periods for submission to the
227 DENR;

228 7.3 Assist the Local Government Units, in coordination with EMB Caraga
229 Region, in preparing their respective LGU compliance scheme to
230 implement the WQMA Action Plan, including the drafting of applicable
231 ordinances such as those pertaining to septage management, solid
232 waste management, and other measures that will enhance enforcement
233 and compliance to the provisions of the Clean Water Act;

234 7.4 Monitor and facilitate the compliance to the consolidated WQMA Action
235 Plan of the Local Government Units;

236 7.5 Coordinate relevant activities among its members and member agencies
237 and facilitate resolution of conflicts;

238 7.6 Undertake complementary interventions for non-point sources,
239 considering their greater contribution to pollution;

240 7.7 Manage efficiently and properly the Area Water Quality Management
241 Fund (AWQMF);

242 7.8 Prepare and publish on a regular basis a Water Quality Status Report
243 for the WQMA and submit a copy thereof to the EMB Caraga and EMB
244 Central Office for consolidation into the National Water Quality Status
245 Report (NWQSR); (cc PAMB of status report)

246 7.9 Undertake projects that will complement national and local initiatives for
247 water pollution control; and

248 7.10 Coordinate the performance of its water quality management functions
249 with the EMB Caraga.

250 **Section 8. Governing Rules.** The Governing Board shall formulate its own
251 Governing Rules based on applicable and pertinent laws, policies, rules, and
252 regulations. Based on its Governing Rules, the Governing Board may elect at least

253 one Co-Chair, and create committees as may be necessary to carry out the Board's
254 functions and designate their respective chairs. (reformulate to reflect co-chair per
255 committee)

256 **Section 9. Meetings.** The Governing Board shall meet quarterly or as the need
257 arises.

258 **Section 10. Technical Secretariat.** The Technical Secretariat for the WQMA
259 is hereby created which shall be based in the EMB Regional Office of the Department
260 and shall provide technical support to the governing board pursuant to Section 5 of RA
261 9275. They shall be composed of four members who shall have the following minimum
262 qualification:

263 10.1 One (1) member shall be a member of the Philippine Bar;

264 10.2 One (1) member shall be a Chemical Engineer, Sanitary Engineer,
265 Environmental Engineer, Chemist or Ecologist or have a significant
266 training and experience in chemistry;

267 10.3 One (1) member shall be a Civil Engineer or Hydrologist or have a
268 significant training and experience in closely related fields and mainly
269 experience on ground water, respectively; and

270 10.4 One (1) member shall be a Geologist or Biologist or have significant
271 training and experience in closely related fields.

272 The Department may designate the same qualified personnel to serve in the
273 secretariat of contiguous WQMA.

274 **Section 11. Technical Working Group.** The Governing Board shall form a
275 Technical Working Group (TWG) or Committees to ensure the broad-based
276 participation of all stakeholders in the work of the Governing Board. The TWG shall
277 perform the following functions:

278 11.1 Provide technical information on water quality data and advise the WQMA
279 board for the formulation of policy and strategies on water quality
280 management;

281 11.2 Coordinate with other agencies, stakeholders or regional, national bodies
282 on the activities of WQMA;

283 11.3 Prepare the Annual water quality status report of WQMA.

284 11.4 Provide technical inputs in the review of the draft WQMA Action Plan
285 (initially prepared by the EMB Regional Office), and in tracking and
286 monitoring of compliance to the WQMA Action Plan, and

287 11.5 Perform other functions to be assigned by the Governing Board.

288 **Section 12. Multi-Sectoral Group.** the Governing Board shall create a Multi-
289 Sectoral Group (MSG) for water quality monitoring and surveillance network,
290 composed of representatives nominated by member LGUs, national government
291 agencies, and other organizations represented in the Governing Board. The
292 Governing Board shall ensure that the operations of the group do not unnecessarily
293 duplicate the regular monitoring functions of government agencies and local
294 governments. Inspections conducted by the multi-sectoral group shall be duly
295 authorized by the chairperson or co-chairperson. Members of the inspection team
296 must be adequately trained and formally deputized. The MSG shall augment and
297 complement the monitoring and reporting efforts of the DENR-EMB.

298 **Section 13. Re-adjustment of Boundaries, Re- designation of WQMA and**
299 **Reconstitution of Membership.** The re-adjustment of the boundaries of WQMA may
300 be undertaken only after the requisite technical studies and consultations with the
301 Local Government Units (LGUs) concerned. In the event that re- designation of WQMA
302 becomes necessary, said re-designation shall likewise be based on the proposal, and
303 aforesaid technical studies and consultations. The reconstitution of membership and
304 representations in the Governing Board shall also follow the same process.

305 **Section 14. Amendments and Revisions.** Amendments or revisions of any of
306 the provisions hereof shall be upon consultation with the concerned stakeholders in
307 accordance with existing policies on the matter and subject to the recommendation of
308 the Governing Board written approval of all parties thereto.

309 **Section 15. Separability Clause.** If any provision of this Order shall be held
310 invalid and unconstitutional, the other portions or provisions hereof which are not
311 affected shall continue in full force and effect.

312 **Section 16. Repealing Clause.** All Orders and other similar issuances
313 inconsistent herewith are hereby revoked, amended, or modified accordingly.

314 **Section 17. Effectivity.** This Order shall take effect fifteen (15) days after its
315 publication in a newspaper of general circulation and upon acknowledgement of the
316 receipt of the copy thereof by the Office of the National Administrative Registry
317 (ONAR).

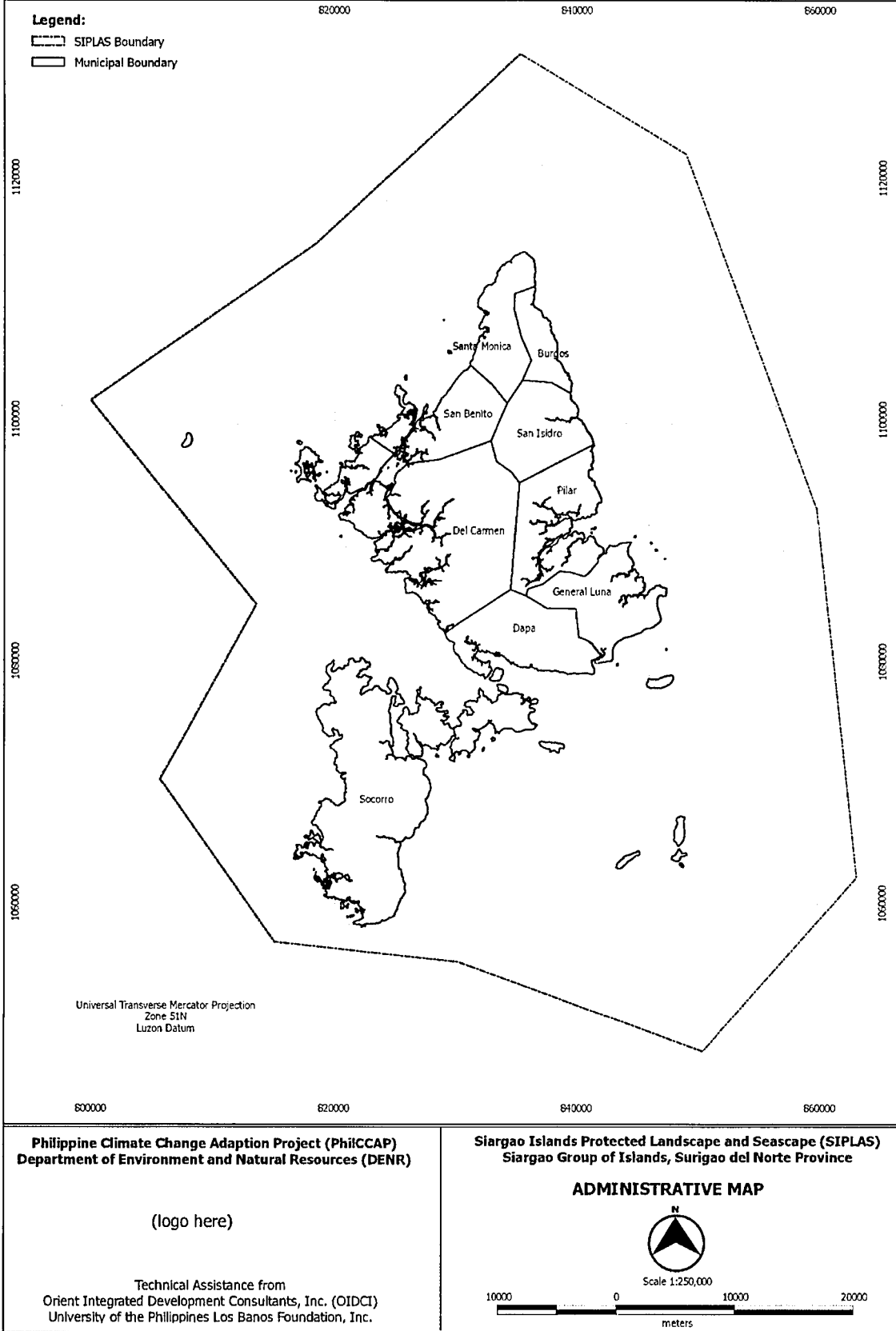
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MARIA ANTONIA YULO LOYZAGA
Secretary

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MAP OF SIARGAO ISLAND PROTECTED LANDSCAPE AND SEASCAPES



Credit: Philippine Climate Change Adaptation Project, Department of Environment and Natural Resources.



Republic of the Philippines
Department of Environment and Natural Resources
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DENR Administrative Order
No. 2023 – _____

Subject: Designation of the Iligan Bay – Misamis Oriental and Lanao del Norte as Water Quality Management Area and Creation of Its Governing Board

Pursuant to Section 5 of Republic Act 9275 otherwise known as the Philippine Clean Water Act of 2004, DENR Administrative Order No. 2005-10 or the Implementing Rules and Regulations of RA No. 9275, and the DENR Memorandum Circular No. 2009-15 or Procedural Manual for the Designation of Water Quality Management Areas, and considering the economic contributions and ecological importance of Iligan Bay – Misamis Oriental and Lanao del Norte, the same is hereby designated as Water Quality Management Area (WQMA). (include RA 11038 and IRR)

SECTION 1. Basic Policy. It is the policy of the State to pursue economic growth in a manner consistent with the protection, preservation and revival of the quality of our fresh, brackish and marine water.

SECTION 2. Objectives. To ensure water quality in the Iligan Bay – Misamis Oriental and Lanao del Norte for present and future generations consistent with the following water quality management objectives:

- 2.1 To formulate a WQMA program on water quality management which recognizes that water quality management issues are inherently related and cannot be detached from concerns on water sources, ecological protection, water supply, public health and quality of life;
- 2.2 To harness available resources for the rehabilitation of Iligan Bay – Misamis Oriental and Lanao del Norte;
- 2.3 To empower the municipalities and city covering the WQMA and its barangays in the sustainable management of the water body;
- 2.4 To streamline the processes and procedures in the prevention, control and abatement of pollution in the WQMA;
- 2.5 To provide for a comprehensive management program for water pollution focusing on pollution prevention in the WQMA;

- 44 2.6 To promote environmental strategies, the use of appropriate economic
 45 instruments and control mechanisms for the protection of the WQMA;
 46 2.7 To mobilize, encourage and support civil society and other sectors,
 47 including the academe and businesses who are undertaking
 48 environment-related activities in their efforts to organize, educate and
 49 motivate the people in addressing pertinent environmental issues and
 50 problems within the Iligan Bay – Misamis Oriental and Lanao del Norte;
 51 2.8 To promote inter-LGU and stakeholder collaboration and cooperation
 52 through coordinated efforts in protecting and sustaining acceptable
 53 water in Iligan Bay – Misamis Oriental and Lanao del Norte; and
 54 2.9 To support the current environmental protection initiatives and efforts of
 55 the LGUs and other civil society organizations in Northern Mindanao.
 56 2.10 reporting of the water quality management or monitoring for the
 57 management of the PA or SIPLAS inclusion of PA management plan.

58 Section 3. Scope and Coverage. The Iligan Bay – Misamis Oriental and
 59 Lanao del Norte WQMA has a total area of 89,456 hectares. This shall cover its
 60 natural or human-made tributaries that are within the WQMA boundary including the
 61 land embraced by the hydrologic unit identified through various maps.

62
 63
 64
 65

The following data shall comprise the geographic coordinates of the Iligan Bay
 – Misamis Oriental and Lanao del Norte WQMA (See Annex-Map):

Corners of the Delineated Proposed Iligan Bay – Misamis Oriental and Lanao del Norte WQMA			
No.	LOCATION	LATITUDE	LONGITUDE
1	Brgy. Dinaig, Poona Piagapo, Lanao del Norte	8.135471085	124.1177016
2	Brgy. Kalilangan, Iligan City	8.156649365	124.3688754
3	Brgy. Benigwayan, Alubijid, Misamis Oriental	8.563194444	124.4426389
4	Brgy. Lapad, Laguindingan, Misamis Oriental	8.54698276	124.4304468
5	Brgy. Gregorio Pelaez, Gitagum, Misamis Oriental	8.526527777	124.4140278
6	Brgy. Taytayan, Libertad, Misamis Oriental	8.517361111	124.39625
7	Brgy. Taparak, Alubijid, Misamis Oriental	8.487083333	124.3973611
8	Brgy. Sinalac, Initao, Misamis Oriental	8.469199693	124.3803175
9	Brgy. Tula, Alubijid, Misamis Oriental	8.446527777	124.3868056
10	Brgy. Lubilan, Naawan, Misamis Oriental	8.437916666	124.3706944
11	Brgy. Mahayahay, Manticao, Misamis Oriental	8.390138888	124.4154167
12	Brgy. Camanga, Manticao, Misamis Oriental	8.347827555	124.3972281
13	Brgy. Rogongon, Iligan City	8.296265327	124.4037135
14	Brgy. Rogongon, Iligan City	8.290756293	124.426719
15	Brgy. Rogongon, Iligan City	8.285259467	124.4266635
16	Brgy. Rogongon, Iligan City	8.276675075	124.4311069
17	Brgy. Rogongon, Iligan City	8.270841335	124.438342
18	Brgy. Rogongon, Iligan City	8.267736748	124.4518939

19	Brgy. Rogongon, Iligan City	8.262289361	124.4568486
20	Brgy. Rogongon, Iligan City	8.218336317	124.4583249
21	Brgy. Rogongon, Iligan City	8.221533202	124.4811053
22	Brgy. Rogongon, Iligan City	8.210972222	124.5023611
23	Brgy. Panoroganan, Iligan City	8.156527778	124.5254167
24	Brgy. Dagonalan, Tagoloan II, Lanao del Sur	8.144398871	124.4988433
25	Brgy. Panoroganan, Iligan City	8.16348651	124.4812386
26	Brgy. Kalilangan, Tagoloan II, Lanao del Sur	8.1284297	124.4350593
27	Brgy. Kalilangan, Iligan City	8.141596571	124.404662
28	Brgy. Lanipao, Iligan City	8.224139608	124.32953
29	Brgy. Puga-an, Iligan City	8.234816321	124.2870737
30	Brgy. Cormatan, Kapai, Lanao del Sur	8.221343546	124.3007808
31	Brgy. Cormatan, Kapai, Lanao del Sur	8.205919642	124.3101647
32	Brgy. Cormatan, Kapai, Lanao del Sur	8.175330406	124.3123043
33	Brgy. Cormatan, Kapai, Lanao del Sur	8.162343546	124.298337
34	Brgy. Dalamas, Tagoloan, Lanao del Sur	8.168442039	124.2865889
35	Brgy. Dalamas, Tagoloan, Lanao del Sur	8.169731543	124.2750326
36	Brgy. Abuno, Iligan City	8.182410922	124.2653002
37	Brgy. Abuno, Iligan City	8.179255839	124.2565166
38	Brgy. Dalamas, Tagoloan, Lanao del Sur	8.166729766	124.2592137
39	Brgy. Abuno, Iligan City	8.163349693	124.2358753
40	Brgy. Dalamas, Tagoloan, Lanao del Sur	8.154689491	124.243941
41	Brgy. Tominobo Proper, Iligan City	8.148943624	124.2261748
42	Brgy. Tominobo Proper, Iligan City	8.159164347	124.2259075
43	Brgy. Tominobo Proper, Iligan City	8.159046486	124.2210454
44	Brgy. Tominobo Proper, Iligan City	8.1523509	124.2187006
45	Brgy. Maria Cristina, Iligan City	8.149326784	124.1992709
46	Brgy. Robocon, Iligan City	8.158194444	124.19375
47	Brgy. Robocon, Iligan City	8.147916667	124.1781944
48	Brgy. Busque, Iligan City	8.151805555	124.1643056
49	Brgy. Puntod, Matungao, Lanao del Norte	8.144791559	124.1360743
50	Brgy. Dinaig, Poona Piagapo, Lanao del Norte	8.132042812	124.0931441
51	Brgy. Linindingan, Poona Piagapo, Lanao del Norte	8.114382745	124.0819508
52	Brgy. Maliwanag, Poona Piagapo, Lanao del Norte	8.105372982	124.0897681
53	Brgy. Cabasaran, Poona Piagapo, Lanao del Norte	8.067753228	124.0864266
54	Brgy. Nunungan, Poona Piagapo, Lanao del Norte	8.067710219	124.0694021
55	Brgy. Maliwanag, Poona Piagapo, Lanao del Norte	8.094305555	124.0701389
56	Brgy. Punod (Maliwanag), Bacolod, Lanao del Norte	8.09578776	124.0563433
57	Brgy. Dimarao, Bacolod, Lanao del Norte	8.116364983	124.0483449
58	Brgy. Kahayag, Bacolod, Lanao del Norte	8.115972222	124.0468056
59	Brgy. Punod (Maliwanag), Bacolod, Lanao del Norte	8.105553495	124.0487023
60	Brgy. Punod (Maliwanag), Bacolod, Lanao del Norte	8.09105581	124.0445101

61	Brgy. Punod (Maliwanag), Bacolod, Lanao del Norte	8.091397084	124.0357717
62	Brgy. Punod (Maliwanag), Bacolod, Lanao del Norte	8.099105614	124.0377564
63	Brgy. Inoma, Maigo, Lanao del Norte	8.096847133	124.0219981
64	Brgy. Inoma, Maigo, Lanao del Norte	8.114222971	124.0140614
65	Brgy. Inoma, Maigo, Lanao del Norte	8.116366644	124.0157389
66	Brgy. Mahayahay, Maigo, Lanao del Norte	8.136671078	123.9998018
67	Brgy. Mahayahay, Maigo, Lanao del Norte	8.144733887	123.9950179
68	Brgy. Camp 1, Maigo, Lanao del Norte	8.154307462	123.9870833
69	Brgy. Liangan West, Maigo, Lanao del Norte	8.174144219	123.9858558
70	Approx 9 km. Brgy. Liangan West, Maigo, Lanao del Norte	8.210175028	123.9536364
71	Approx 10 km. Brgy. Poblacion, Bacolod, Lanao del Norte	8.241820355	124.0177931
72	Approx 11 km. Brgy. Poblacion, Kauswagan, Lanao del Norte	8.241526889	124.0842621
73	Approx 10 km. Brgy. Buru-un, Iligan City	8.230976076	124.151789
74	Approx 10 km. Brgy. Poblacion, Iligan City	8.254702233	124.1927166
75	Approx 10 km. offshore, Brgy. Dalipuga, Iligan City	8.28786989	124.2099352
76	Approx 10 km. offshore, Brgy. Dalipuga, Iligan City	8.321852005	124.201036
77	Approx 9 km. offshore, Brgy. Biga, Lugait, Misamis Oriental	8.366837865	124.2155924
78	Approx 9 km. offshore, Brgy. Calangahan, Lugait, Misamis Oriental	8.385015606	124.2175018
79	Approx 10 km offshore, Brgy. Linangkayan, Naawan, Misamis Oriental	8.417934466	124.2401755
80	Approx 10 km offshore, Brgy. Pagahan, Initao, Misamis Oriental	8.463258739	124.2375022
81	Approx 10 km offshore, Brgy. Gimaylan, Libertad, Misamis Oriental	8.570957397	124.2806647
82	Approx 10 km offshore, Brgy. Quezon, Gitagum, Misamis Oriental	8.603963552	124.3294652
83	Approx 10 km offshore, Brgy. Burnay, Gitagum, Misamis Oriental	8.639392696	124.3858961
84	Approx 10 km offshore, Brgy. Mauswagon, Laguindingan, Misamis Oriental	8.668758154	124.4401535
85	Approx 10 km offshore, Brgy. Tubajon, Laguindingan, Misamis Oriental	8.66989449	124.4630009
86	Brgy. Tubajon, Laguindingan, Misamis Oriental	8.620138888	124.4743056
87	Brgy. Kibaghot, Laguindingan, Misamis Oriental	8.606527778	124.4693056

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67 **Section 4. Definition of Terms.** To ensure clarity and understanding of the
68 key terms used in the context of the designation of the Iligan Bay – Misamis Oriental
69 and Lanao del Norte as Water Quality Management Area and creation of its
70 Governing Board, the following terms are defined:

71 **4.1 Environmental Management Bureau (EMB) - A regional agency**

72 responsible for environmental management, including the
73 implementation of environmental laws and regulations within a specific
74 region, such as Region X.

75 **4.2 Integrated Water Quality Management Framework** – means the policy
76 guideline integrating all the existing frameworks prepared by all
77 government agencies on water quality involving pollution from all
78 sources. Specifically, the framework shall contain the following: a) water
79 quality goals and targets; b) period of compliance; c) water pollution
80 control strategies and techniques; d) water quality information and
81 education program; and e) human resources development program.

82 **4.3 Multi-Sectoral Group** - A group formed by the Governing Board to
83 enhance and complement monitoring and reporting efforts related to
84 water quality management, with representatives from diverse sectors
85 and stakeholders.

86 **4.4 National Water Quality Status Report (NWQSR)** – a report to be
87 prepared by the Department indicating: (a) the location of water bodies,
88 their water quality, taking into account seasonal, tidal and other
89 variations, existing and potential uses and sources of pollution per
90 specific pollutant and pollution load assessment; (b) water quality
91 management areas; and (c) water classification.

92 **4.5 Non-Point Sources** - Sources of pollution that do not originate from a
93 single, identifiable point, such as runoff from agricultural fields or urban
94 areas.

95 **4.6 Republic Act 9275 or the Philippine Clean Water Act of 2004** - A
96 national law that provides the legal framework for the protection and
97 management of the country's water resources, including provisions for
98 water quality management.

99 **4.7 Technical Working Group (TWG)** - A group established by the
100 Governing Board to provide technical expertise and support in the
101 implementation of water quality management activities.

102 **4.8 Water pollution** – Any alteration of the physical, chemical or biological
103 or radiological properties of a water body resulting in the impairment of
104 its purity or quality.

105 **4.9 Water quality** – The characteristics of water which define its use in terms
106 of physical, chemical, biological, bacteriological or radiological
107 characteristics by which the acceptability of water is evaluated.

108 **4.10 Water Quality Management Area (WQMA)** - A designated
109 geographical area, taking into consideration Step 2 of DENR
110 Memorandum Circular No. 2009-15 which states that practical
111 manageable size shall also be considered. This refers to strategies
112 aimed at limiting the physical size of the WQMA to be covered by one
113 WQMA designation. Iligan Bay – Misamis Oriental and Lanao del Norte
114 in this context, shall be limited along the coastal cities/municipalities,
115 where specific measures and actions are implemented to monitor,
116 protect, and improve the quality of water resources, including fresh,
117 brackish, and marine water, in a sustainable manner.

118 Certain areas using appropriate physiographic unit, such as
119 watersheds, river basins or water resources regions. Such
120 management areas shall have similar hydrological, hydrogeological,
121 meteorological or geographic conditions which affect the physico-
122 chemical, biological and bacteriological reactions and diffusions of
123 pollutants in the water bodies or otherwise share common interest or
124 face similar development programs, prospects, or problems.

125 **4.11 Water Quality Management Area Action Plan (WQMAAP)** - includes
126 but not limited to the following: (a) goals and target including sewerage
127 or septage program; (b) schedule of compliance to meet the applicable
128 requirements of RA 9275; (c) water pollution control strategies or
129 techniques; (d) water quality information and education program; (e)
130 Resource requirement and possible sources; (f) enforcement
131 procedures of the plan; and (g) rewards and incentives under Chapter
132 4 of RA 9275.

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134 These definitions help clarify the terminology used in the context of water
135 quality management and the establishment of a WQMA Governing Board for Iligan
136 Bay – Misamis Oriental and Lanao del Norte.

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138 **Section 5. Political/Administrative Jurisdiction.** As determined by the
139 DENR-EMB Region X, the political/administrative jurisdiction of the Iligan Bay –
140 Misamis Oriental and Lanao del Norte WQMA encompasses the following areas:

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Province	Local Government Unit
Misamis Oriental	Lugait
	Manticao
	Naawan

	Initao
	Libertad
	Gitagum
	Laguindingan
Lanao del Norte	Bacolod
	Kauswagan
	Linamon
	Iligan City

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145 Section 6. Creation of the WQMA Governing Board. A WQMA Governing
 146 Board to be chaired by the Regional Director of Environmental Management Bureau,
 147 Region X, is hereby created and shall have the following members:

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- 6.1 Chairperson – Regional Director of EMB X
- 6.2 Mayor of Lugait, Misamis Oriental or designated representative
- 6.3 Mayor of Manticao, Misamis Oriental or designated representative
- 6.4 Mayor of Naawan, Misamis Oriental or designated representative
- 6.5 Mayor of Initao, Misamis Oriental or designated representative
- 6.6 Mayor of Libertad, Misamis Oriental or designated representative
- 6.7 Mayor of Gitagum, Misamis Oriental or designated representative
- 6.8 Mayor of Laguindingan, Misamis Oriental or designated representative
- 6.9 Mayor of Bacolod, Lanao del Norte or designated representative
- 6.10 Mayor of Kauswagan, Lanao del Norte or designated representative
- 6.11 Mayor of Linamon, Lanao del Norte or designated representative
- 6.12 Mayor of Iligan City or designated representative
- 6.13 Governor of Misamis Oriental or designated representative
- 6.14 Governor of Lanao del Norte or designated representative
- 6.15 Regional Director of NEDA Region X or designated representative
- 6.16 Regional Director of DTI Region X or designated representative
- 6.17 Regional Director of DOST Region X or designated representative
- 6.18 Regional Director of DA Region X or designated representative
- 6.19 Regional Director of PIA Region X or designated representative
- 6.20 Representative from Philippine Coast Guard
- 6.21 Regional Director of MGB Region X or designated representative
- 6.22 Regional Executive Director of DENR or designated representative
- 6.23 Regional Director of BFAR Region X or designated representative
- 6.24 Regional Director of DepEd Region X or designated representative
- 6.25 Regional Director of DOH Region X or designated representative
- 6.26 Regional Director of DOT Region X or designated representative
- 6.27 Regional Director of DHSUD Region X or designated representative

- 176 6.28 Regional Director of DPWH Region X or designated representative
177 6.29 Regional Director of DILG Region X or designated representative
178 6.30 Executive Director of NWRB or designated representative
179 6.31 PASu, Initao-Libertad Protected Landscape and Seascape
180 6.32 PASu, Liangan-Lipatan Rivers Mangrove Swamp Forest Reserve
181 6.33 Representative from Philippine Ports Authority PMO-Lanao del
182 Norte/Iligan City
183 6.34 Representatives of the following sectors operating within the
184 political/administrative jurisdiction of Misamis Oriental and Lanao del
185 Norte:
186 6.34.1 Industries/business sector
187 6.34.2 Non-Governmental Organizations
188 6.34.3 Academe
189 6.34.4 Water utilities
190

191 Assistance of other national government agencies or local government unit
192 offices which are not members of the Governing Board will be requested if deemed
193 necessary. They shall be invited to attend meeting/s if the need arises.

194 The terms, vacancy, and compensation of the Governing Board shall be
195 governed by DAO No. 2005-10. The Local Chief Executive and Head of Offices
196 identified above may appoint/authorize representatives to the Board, provided that
197 he/she shall be able to make commitments, provided, further that the LGU
198 representative in another WQMA shall also serve as its representative in the Iligan Bay – Misamis Oriental and Lanao del Norte WQMA.
199
200

201 Representatives from the business sector, and peoples' organizations/non-
202 government organizations/civil society shall be designated in accordance with the
203 procedure and requirements laid down in DAO No. 2005-10.
204

205 Section 7. Functions of the Governing Board. The Governing Board shall
206 have the following functions:
207

- 208 7.1 Review the initial WQMA Action Plan prepared by the EMB Region X
209 and draft a common and integrated compliance plan. The Board shall
210 consequently prepare and adopt an Action Plan for the succeeding
211 periods to be submitted to the EMB Region X for review and for
212 subsequent approval by the DENR Secretary;
213 7.2 Assist the Local Government Units, in coordination with EMB Region X,
214 in preparing the LGU Compliance Scheme to implement the WQMA
215 Action Plan and drafting local legislation to protect the Iligan Bay –
216 Misamis Oriental and Lanao del Norte and promote overall
217 environmental improvement in the WQMA area;
218 7.3 Monitor and facilitate the compliance to the consolidated WQMA Action

- 219 Plan of the Local Government Units;
- 220 7.4 Formulate strategies to harmonize policies/regulations/local legislation
221 necessary for the effective implementation of R.A. No. 9275 in
222 accordance with those established in the Integrated Water Quality
223 Management Framework;
- 224 7.5 Provide assistance to the LGUs in drafting necessary environmental
225 protection local legislations particularly those addressing the
226 improvement of water quality and sustainability of the Iligan Bay –
227 Misamis Oriental and Lanao del Norte;
- 228 7.6 Coordinate relevant activities among its members and member agencies
229 and facilitate resolution of conflicts;
- 230 7.7 Undertake complementary interventions for non-point sources,
231 considering their greater contribution to pollution;
- 232 7.8 Undertake projects that will complement national and local initiatives for
233 water pollution control;
- 234 7.9 Solicit support, financial and non-financial from other parties, both local
235 and international, subject to existing applicable regulations;
- 236 7.10 Initiate and/or coordinate information dissemination activities pertaining
237 to the Iligan Bay – Misamis Oriental and Lanao del Norte WQMA;
- 238 7.11 Prepare and publish on a regular basis a Water Quality Status Report
239 for the WQMA and submit a copy thereof to the EMB Region X and to
240 the EMB Central Office to be consolidated into the National Water
241 Quality Status Report; (include PAMB)
- 242 7.12 Formulate internal rules that will ensure management effectiveness of
243 the WQMA Governing Board;
- 244 7.13 Elect other officers and create working committees within the Board that
245 are deemed necessary for the effective implementation of WQMA
246 policies, programs and activities; and
- 247 7.14 Manage efficiently and judiciously the Area Water Quality Management
248 Fund.

249 Section 8. Governing Rules. The Governing Board shall formulate its own
250 Governing Rules based on applicable and pertinent laws, policies, rules and
251 regulations. Based on its Governing Rules, the Governing Board may elect at least
252 one Co-chair, create standing committees as may be necessary to carry out the
253 Board's functions, and designate their respective chairs. (reformulate to reflect co-
254 chair per committee)

255 Section 9. Meetings. The Governing Board shall meet quarterly or at a
256 frequency that the Board may decide but not less than quarterly or as often as may
257 be required pursuant to its Governing Rules.

258 The Governing Board shall meet quarterly or as the need arises.

259 **Section 10. Functions of the Technical Working Group.** The Governing
260 Board, pursuant to DAO No. 2005-10 and other governing rules, shall form a Technical
261 Working Group (TWG) to ensure broad-based participation of all the stakeholders in
262 the work of the Governing Board.

263 Each TWG shall specifically undertake the following tasks/functions:

264 10.1 TWG for Policy and Review – creates and reviews policies and
265 administrative rules subject to the approval of WQMA Governing
266 Board. In addition, the TWG is also task to provide assistance to
267 LGUs in drafting local legislations to protect the Iligan Bay –
268 Misamis Oriental and Lanao del Norte and promote overall
269 environmental improvement in the WQMA areas; recommend
270 policies to the Governing Board;

271 10.2 TWG for Plans, Programs and Projects – strategizes plans, programs,
272 projects and activities for the WQMA. Such plans, programs,
273 projects and activities shall focus on the improvement of the water
274 quality of all water bodies within the WQMA. In addition, the TWG
275 is also task to review, evaluate and assess the WQMA Action
276 Plan/s periodically or as the need arises and assist the LGUs in
277 preparing the LGU Compliance Scheme to implement the WQMA
278 Action Plan; formulate and implement projects and programs for
279 the sustained use and protection of all the water bodies within the
280 WQMA;

281 10.3 TWG for IEC – implements environmental advocacies and campaigns for
282 public awareness regarding the WQMA. In addition, the TWG is
283 also task to provide regular update to the Governing Board on
284 matters and issues pertaining to the WQMA; and

285 10.4 TWG for Control and Strategies – updates and recommends technologies
286 that can help in the control and abatement of water pollution; and
287 conducts research and studies aimed at improving the water
288 quality of all the water bodies within WQMA.

289 **Section 11. Functions of the Technical Secretariat.** the Governing Board
290 shall likewise create a Technical Secretariat to provide technical support to the Board
291 which shall be based at the EMB Region X. It shall be composed of four members
292 who shall have the following minimum qualification: 1) Member of the Philippine Bar;
293 2) a Chemical Engineer, Sanitary Engineer, Environmental Engineer, Chemist or
294 Ecologist; 3) a Civil Engineer or Hydrologist; and 4) a Geologist or Biologist.

295 The Technical Secretariat shall have the following functions:

- 296 10.1 To monitor and coordinate relevant activities;
- 297 10.2 To validate reports and data submitted by MSG and TWG; and
- 298 10.3 To submit report to the Board.

299 **Section 12.** Multi-Sectoral Group. the Governing Board shall create a Multi-
300 Sectoral group for water quality monitoring and surveillance network, drawing
301 membership from representatives nominated by the members of the Governing
302 Board. Said group shall augment and complement monitoring and reporting efforts of
303 the DENR-EMB.

304

305 The Multi-Sectoral Group shall have the following functions:

- 306 12.1 To augment and complement the monitoring and reporting efforts of the
307 DENR-EMB. This means that it serves as an additional layer of
308 monitoring and data collection specific to the designated water quality
309 management area;
- 310 12.2 To provide a well-rounded perspective on water quality issues since this
311 group is composed of representatives nominated by members of the
312 Governing Board that are typically drawn from a diverse range of
313 sectors, including government, industry, civil society, and local
314 communities;
- 315 12.3 To gather input and feedback from local communities and stakeholders
316 in the designated area, ensuring that the concerns and needs of the
317 affected communities are considered in water quality management
318 decisions;
- 319 12.4 To validate and verify the data collected by the DENR-EMB. This helps
320 ensure the accuracy and reliability of the data used for decision-making
321 regarding water quality management; and
- 322 12.5 To make recommendations to the Governing Board based on their
323 findings and assessments. These recommendations can influence
324 policies, regulations, and actions related to water quality management.

325

326 While the DENR-EMB conducts regular monitoring activities as part of its
327 broader environmental management responsibilities, the Multi-Sectoral Group
328 focuses specifically on the water quality management area. Their monitoring efforts
329 are tailored to the unique characteristics and challenges of that area. The group places
330 a strong emphasis on stakeholder engagement and community involvement as they
331 act as a bridge between the government agency (DENR-EMB) and local communities,
332 ensuring that community concerns are addressed. Moreover, the group's role in data
333 validation and verification adds an extra layer of scrutiny to the monitoring process. It
334 helps maintain the integrity of data used for decision-making.

335

336 **Section 13. Re-adjustment of Boundaries, Re- designation of WQMA and**
337 **Reconstitution of Membership.** The re-adjustment of the boundaries of WQMA may
338 be undertaken only after the requisite technical studies and consultations with the
339 Local Government Units (LGUs) concerned. In the event that re- designation of
340 WQMA becomes necessary, said re-designation shall likewise be based on the
341 proposal, and aforesaid technical studies and consultations. The reconstitution of
342 membership and representations in the Governing Board shall also follow the same
343 process.

344 **Section 14. Amendments and Revisions.** Amendments or revisions of any
345 of the provisions hereof shall be upon consultation with the concerned stakeholders
346 in accordance with existing policies on the matter and subject to the recommendation
347 of the Governing Board.

348
349 **Section 15. Separability Clause.** Should any of the provisions of this Order
350 be subsequently declared invalid or null and void, the validity of the other provisions
351 not affected shall not be impaired and shall remain to be in full force and effect.

352 If any provision of this Order shall be held invalid and unconstitutional, the
353 other portions or provisions hereof which are not affected shall continue in full force
354 and effect.

355 **Section 16. Repealing Clause.** All Orders and other similar issuances
356 inconsistent herewith are hereby revoked, amended, or modified accordingly.

357 **Section 17. Effectivity.** This Order shall take effect fifteen (15) days after its
358 publication in a newspaper of general circulation and upon acknowledgement of the
359 receipt of the copy thereof by the Office of the National Administrative Registry
360 (ONAR).

361

362

363

364

MARIA ANTONIA YULO LOYZAGA

365

Secretary

366

367

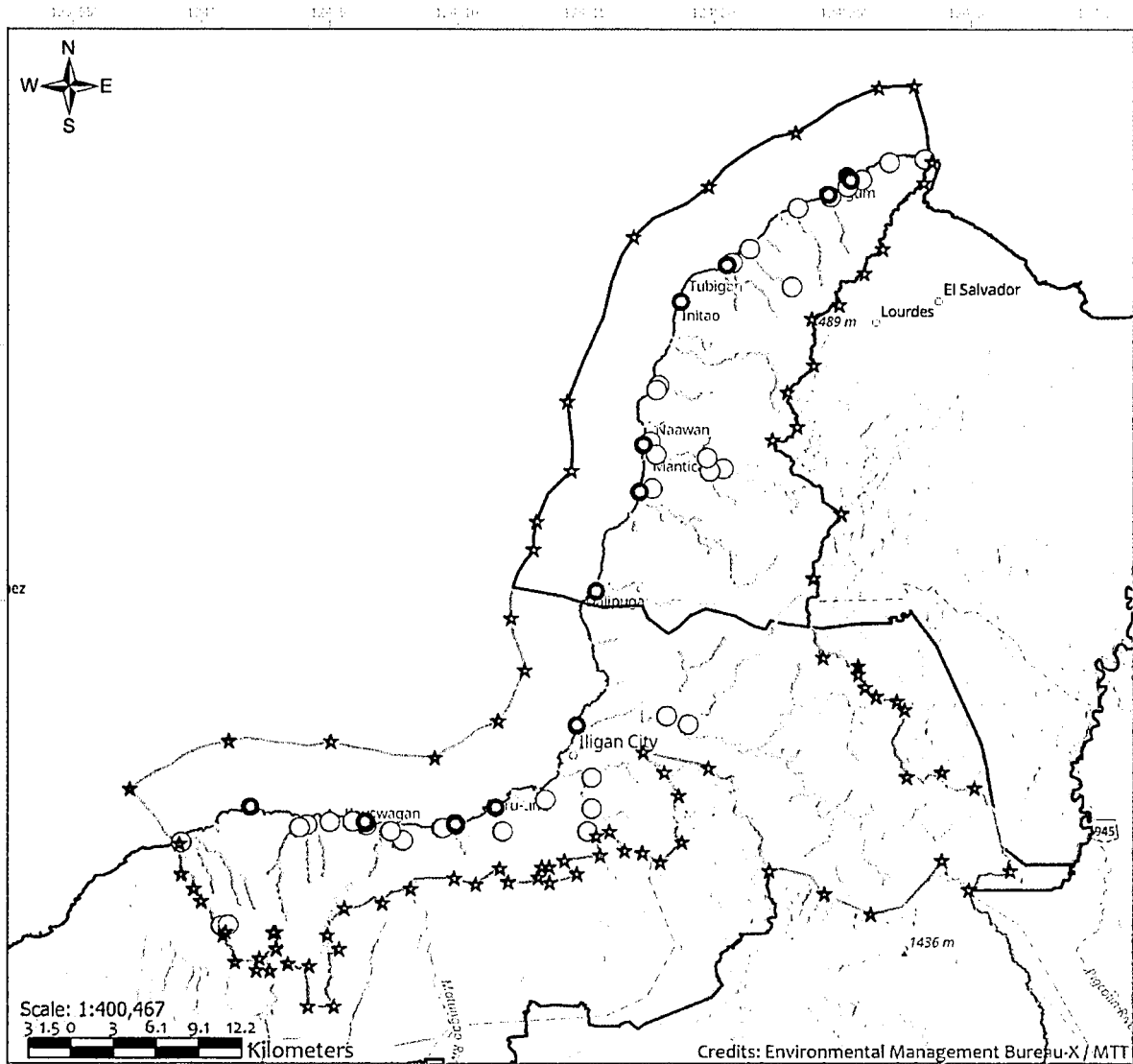
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<p>LOCATION MAP</p>	<p>Legend</p> <ul style="list-style-type: none"> ★ Proposed Delineated Iligan Bay Control Point ● Iligan Bay Sampling Stations ○ Ground Survey Points --- Waterbody ▭ Proposed Delineated Iligan Bay Misamis Oriental ▭ Proposed Delineated Iligan Bay Lanao del Norte ▭ Iligan Bay WQMA ▭ Region X Provincial Boundary Province ▭ Bukidnon ▭ Camiguin ▭ Lanao del Norte ▭ Misamis Occidental ▭ Misamis Oriental 	<p style="text-align: center;">Proposed Delineated Iligan Bay-Misamis Oriental and Lanao del Norte WQMA</p> <p style="text-align: center;"> Republic of the Philippines DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES ENVIRONMENTAL MANAGEMENT BUREAU - X <small>ENR Compound, Pineda, Cagayan de Oro City</small> </p>
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(Date of approval)

DENR ADMINISTRATIVE ORDER

No. _____

SUBJECT : **ADDITIONAL LIST OF CLASSIFIED WATER BODIES**

Pursuant to DENR Administrative Order (DAO) No. 2016-08 (Water Quality Guidelines and General Effluent Standards of 2016) and in accordance with the Manual of Procedure for Water Classification, this Order provides for the additional list of classified water bodies.

SECTION 1. Basic Policy. It is the policy of the state to protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature.

SECTION 2. Objectives. The following are the objectives for the classification of the water bodies:

1. To maintain the minimum conditions necessary to assure the suitability of water for its designated use or classification; and
2. To serve as a guide in the enforcement of the Effluent Standards as provided under DAO No. 2016-08, & 2021-19

SECTION 3. Scope and Coverage. This Order shall cover all waterbodies, fresh and marine where industrial, commercial, agricultural and domestic firms, local government units, government-owned or controlled corporations and other similar entities and instrumentalities, including persons discharging liquid wastes.

All existing discharges are given twelve (12) months to phase their compliance with the classification of the water body.

SECTION 4. Definition of Terms. The classes of water bodies are defined as follows:

4.1 Fresh Surface Waters (rivers, lakes, reservoirs, etc.)

Class AA Public Water Supply Class I. Intended primarily for waters having watersheds, which are uninhabited and/or otherwise declared as protected areas, and which require only approved disinfection to meet the latest Philippine National Standards for Drinking Water (PNSDW).

Class A Public Water Supply Class II. Intended as sources of water supply requiring conventional treatment (coagulation, sedimentation, filtration and disinfection) to meet the latest PNSDW.

Class B Recreational Water Class I. Intended for primary contact recreation (bathing, swimming etc.)

Class C 1) Fishery Water for propagation and growth of fish and other aquatic resources.

2) Recreation Water Class II. For boating, fishing, or similar activities; and 3) For agricultural, irrigation, and livestock watering.

Class D Navigable waters.

4.2 Coastal and Marine Waters

Class SA 1) Protected Waters – Waters designated as national or local marine parks, reserves, sanctuaries, and other areas established by law (Presidential Proclamation 1801 and other existing laws), and/or declared as such by appropriate government agency, LGUs, etc.

2) Fishery Water Class I – Suitable for shellfish harvesting for direct human consumption.

Class SB 1) Fishery Water Class II – Water suitable for commercial propagation of shellfish and intended as spawning areas for milkfish (*Chanos chanos*) and similar species

2) Tourist Zones – For ecotourism and recreational activities

3) Recreational Water Class I – Intended for primary contact recreation (bathing, swimming, skin diving etc.).

Class SC 1) Fishery Water Class III – For propagation and growth of fish and other aquatic resources and intended for commercial and sustenance fishing

2) Recreational Water Class II – For boating, fishing, or similar activities; and

3) Marshy and/or mangrove areas declared as fish and wildlife sanctuaries.

Class SD Navigable waters

SECTION 5. Additional List of Classified Water Bodies. The following water bodies are hereby officially classified as follows:

Name of Waterbody	Location			Municipality	Province	Class
	Station	Latitude	Longitude			
Region 2						
1.Divilacan River	Upstream	17°18'34.00" N	122°16'35.00" E	Divilacan	Isabela	B
	Downstream	17°19'36.50" N	122°18'0.740" E			
2.Maconacon River	Upstream	17°30'21.90" N	122°11'02.81" E	Maconacon	Isabela	B
	Downstream	17°29'26.30" N	122°10'24.30" E	San Pablo		
3.Tao-Tao River	Upstream	16°56'59.00" N	121°35'30.00" E	Bannawag	Isabela	C

Name of Waterbody	Location			Municipality	Province	Class
	Station	Latitude	Longitude			
	Downstream	16°56'59.00" N	121°36'09.00" E			
4.Aparri Bay		18°23'16.80" N	121°34'08.40" E	Aparri	Cagayan	SB
		18°20'14.30" N	121°43'12.00" E			
5.Buguey Bay		18°16'40.40" N	121°54'21.60" E	Sta. Teresita	Cagayan	SB
		18°18'49.30" N	121°46'04.80" E	Buguey		
Region 3						
6.Cabaluan River	Upstream	15°42'58.68" N	119°58'4.070" E	Sta. Cruz	Zambales	C
	Downstream	15°43'13.04" N	119°54'35.09" E	Sabang		
7.Umiray River	Upstream	15°12'44.68" N	121°24'31.13" E	Dingalan	Aurora	B
	Downstream	15°11'46.08" N	121°24'3.920" E			
Region 4A						
8.Janagdong-Guisguis River	Upstream	13°56'37.51" N	121°29'44.85" E	Sariaya	Quezon	B
	Midstream	13°56'58.56" N	121°03'04.86" E			
	Downstream	13°56'58.56" N	121°30'04.86" E			
9.Mamala-Sariaya River	Upstream	13°55'09.00" N	121°31'40.00" E	Mamala	Quezon	C
	Downstream	13°52'45.00" N	121°33'03.00" E	Sariaya		
10.Talim-Gibanga River	Upstream	13°54'05.00" N	121°34'42.00" E	Sariaya	Quezon	C
	Downstream	13°54'38.00" N	121°34'03.00" E	Lucena City		
11.Malitam River	Midstream	13°43'30.64" N	121°03'52.72" E	Batangas City	Batangas	B
12.Cagsiy River	Upstream	14°13'32.0"N	121°44'39.00" E	Mauban	Quezon	C
	Downstream	14°13'2 7.0"N	121°44'49.00" E			
13.Palsabangon River	Upstream	14°01'34.0"N	121°41'52.00" E	Pagbilao	Quezon	C
	Downstream	13°59'17.2"N	121°43'34.90" E			
Region 4B						
14.Looc Bay		12°14'47.76" N	121°58'31.32" E	Looc	Romblon	SB
15.Varadero Bay		13°29'52.49" N	120°57'40.69" E	Puerto Galera	Mindoro Oriental	SB
16.El Nido Bay		11°11'13.00" N	119°23'35.00" E	El Nido	Palawan	SB
		11°19'01.00" N	119°25'30.00" E			
17. Surrounding Waters of Carabao Island		12°03'20.20" N	121°57'33.20" E	Batacan	Romblon	SB
		12°02'22.90" N	121°57'26.80" E	Pinamihagan		
		12°05'26.30" N	121°57'06.30" E	Busay		SC
		12°03'15.40" N	121°57'29.10" E	Lanas		
18.Pinamalayan River	Upstream	13°02'56.59" N	121°29'47.69" E	Lumang Bayan	Oriental Mindoro	C
	Downstream	13°04'22.76" N	121°28'23.67" E	Buhi		
19.Madugo River	Midstream	12°35'23.00" N	121°31'25.00" E	Roxas	Oriental Mindoro	C
Region 5						
20.Iraya River	Upstream	13°11'29.03" N	123°39'17.64" E	Camalig	Albay	C
	Downstream	13°09'54.68" N	123°38'37.42" E			
21.Basud River	Upstream	13°13'53.18" N	123°45'13.74" E	Sto. Domingo	Albay	C
	Downstream	13°13'30.26" N	123°46'0.660" E			
22.Binasagan River	Upstream	13°38'15.00" N	123°18'48.60" E	Pili	Camarines Sur	C
	Downstream	13°33'44.30" N	123°11'51.70" E			
23.Nasisi River	Upstream	13°16'22.92" N	123°36'44.96" E	Ligao City	Albay	C
	Downstream	13°14'21.23" N	123°31'9.320" E			
24.Nabonton Creek	Upstream	13°14'56.70" N	123°35'39.70" E	Guinobatan	Albay	C
	Downstream	13°14'20.70" N	123°31'24.40" E	Ligao		
25.Tagaytay River	Upstream	13°09'59.38" N	123°38'21.70" E	Camalig	Albay	C
	Downstream	13°10'43.90" N	123°37'20.29" E			
26.Bublusan Creek	Upstream	13°13'48.33" N	123°36'4.960" E	Guinobatan	Albay	C
	Downstream	13°14'11.93" N	123°33'43.28" E	Ligao		

Name of Waterbody	Location			Municipality	Province	Class
	Station	Latitude	Longitude			
27.Solong River	Upstream	13°11'45.92" N	123°38'24.79" E	Camalig	Albay	C
	Downstream	13°10'43.36" N	123°37'19.51" E			
28. Cagbulawan River	Upstream	13°17'28.60" N	123°45'08.31" E	Malilipot	Albay	C
	Downstream	13°18'23.44" N	123°45'24.71" E			
29. Danao Lake		13°21'28.98" N	123°34'25.34" E	Polangui	Albay	B
30. San Vicente River	Upstream	13°20'51.54" N	123°42'02.07" E	Tabaco City	Albay	C
	Downstream	13°21'19.46" N	123°42'31.04" E			
31. Kabang Creek	Upstream	13°12'53.37" N	123°37'16.75" E	Guinobatan	Albay	C
	Downstream	13°11'54.94" N	123°35'57.69" E			
32. Puangi Creek	Upstream	13°26'14.66" N	123°32'23.27" E	Buhi	Camarines Sur	B
	Downstream	13°26'9.750" N	123°31'43.50" E			
33.Polangui River	Upstream	13°15'73.00" N	123°71'72.00" E	Polangui	Albay	C
	Downstream	13°29'53.00" N	123°46'94.00" E			
Region 6						
34.Bacong River	Upstream	11°25'13.04" N	122°05'48.35" E	Culasi	Antique	B
	Downstream	11°24'33.10" N	122°03'16.27" E			
35.Gibon River	Upstream	11°51'06.10" N	122°02'55.84" E	Nabas	Aklan	B
	Downstream	11°50'31.43" N	122°01'49.18" E			
36.Mararison Island		11°24'51.41" N	122°01'19.88" E	Culasi	Antique	SB
37.Magapa River	Upstream	11°00'44.92" N	122°24'08.05" E	Magapa,	Iloilo	B
	Downstream	10°58'43.98" N	122°29'58.42" E	Matag-ub, Janiuay		C
Region 7						
38.Argao Coastal Waters		09°57'12.13" N	123°37'21.65" E	Taloot, Argao	Cebu	SB
		09°50'57.48" N	123°34'50.09" E	Talaga, Argao		
39.Andal Coastal Waters		09°44'28.23" N	124°34'35.90" E	Tagbilaran	Bohol	SB
40.Naga Coastal Waters		10°13'42.70" N	123°46'33.50" E	Tuyan, Naga	Cebu	SB
		10°12'17.80" N	123°45'40.10" E	Naga City		SC
41.Moalboal Coastal Waters		09°54'54.59" N	123°23'56.03" E	Bangag, Moalboal	Cebu	SA
		09°59'52.77" N	123°22'50.97" E	Balabagon, Moalboal		SB
42.Dalaguete Coastal Waters		09°49'35.23" N	123°33'41.67" E	Dalaguete	Cebu	SB
43.Alcoy Coastal Waters		09°43'49.55" N	123°30'36.91" E	Alcoy	Cebu	SB
		09°40'90.43" N	123°30'10.10" E			
44.Badian Coastal Waters		09°48'27.04" N	123°21'55.94" E	Balhaan, Badian	Cebu	SA
		09°51'17.75" N	123°22'40.26" E	Lambug, Badian		SB
45.Boljoon Coastal Waters		09°39'40.58" N	123°29'43.69" E	Boljoon	Cebu	SB
		09°35'48.44" N	123°28'29.61" E			
46.Tagbilaran Coastal Waters		09°41'58.13" N	123°51'22.54" E	Tagbilaran City	Bohol	SB
		09°37'36.54" N	123°52'19.31" E			
Region 8						
47.Lake Mahagnaon		10°52'08.00" N	124°51'20.00" E	Burauen	Leyte	C
		10°52'01.00" N	124°51'22.00" E			
Region 9						

Name of Waterbody	Location			Municipality	Province	Class
	Station	Latitude	Longitude			
48.Sibuguey Bay		07°30'00.00" N	122°40'00.00" E	Ipil	Zamboanga Sibugay	SC
49.Tupilac River	Midstream	07°37'44.00" N	122°27'08.00" E	Tupilac	Zamboanga Sibugay	B
50.Sindangan Bay		08°13'11.00" N	122°57'48.00" E	Sindangan	Zamboanga del Norte	SC
Region 10						
51.Iligan Bay		08°11'6.576" N	124°09'08.64" E	Linamon	Lanao del Norte	SA
		08°31'49.19" N	124°18'41.34" E	Initao	Misamis Occidental	SB
		08°11'54.00" N	124°20'28.01" E	Lugait	Misamis Occidental	SC
52.Panguil Bay		08°11'47.00" N	123°52'44.00" E	Clarín	Misamis Occidental	SA
		08°00'28.00" N	123°45'11.00" E	Lala	Lanao del Norte	SB
Panguil Bay		08°11'48.00" N	123°52'21.00" E	Migpangge	Misamis Occidental	SC
53.Pugaan River	Midstream	08°32'57.66" N	124°48'35.78" E	Tagoloan	Misamis Oriental	A
54.Siloo River	Upstream	08°30'39.00" N	124°56'57.00" E	Malitbog	Bukidnon	A
	Downstream	08°29'41.00" N	124°56'02.00" E			
55.Lake Napalit		07°52'5.592" N	124°47'3.876" E	Pangantucan	Bukidnon	A
56. Maigo River	Upstream	08°70'37.00" N	123°57'58.00" E	Maigo	Lanao del Norte	A
	Midstream	08°70'37.00" N	123°57'43.00" E			B
	Downstream	08°11'44.00" N	123°98'61.00" E			
Region 11						
57.Davao Gulf (Don Marcelino Area)		06°11'25.00" N	125°42'07.00" E	Don Marcelino	Davao Occidental	SB
		06°15'47.00" N	125°40'13.00" E			
58.Lawa River	Upstream	7°15'23.209" N	126°30'15.37" E	Don Marcelino	Davao Occidental	B
	Downstream	7°12'46.200" N	126°32'36.60" E			
59. Langoyon River	Upstream	7°29'8.030" N	126°35'5.640" E	Baganga	Davao Oriental	C
	Midstream	7°30'53.85" N	126°34'19.01" E			B
	Downstream	7°30'48.05" N	126°34'16.41" E			B
60. Tagugpo River	Midstream	7°3'31.28" N	126°5'31.27" E		Davao Oriental	B
61. Pujada Bay		6°48'14.43" N	126°18'39.37" E	Mati City	Davao Oriental	SA
		6°55'45.60" N	126°15'38.34" E			SC
		6°57'09.42" N	126°12'26.60" E			SA
		6°52'43.94" N	126°10'15.62" E			SC
		6°48'45.13" N	126°12'50.65" E			SA
Region 12						
62.Alip River	Upstream	6°41'54.790" N	124°56'25.75" E	Columbio	Sultan Kudarat	B
	Downstream	6°40'16.170" N	125°01'35.30" E			
63.Glan Padidu River	Upstream	5°51'11.960" N	125°12'58.22" E	Glan	Sarangani Province	C
	Downstream	5°50'05.140" N	125°14'31.73" E			
64.Lowo-El River	Upstream	6°13'19.100" N	124°43'26.80" E	Lake Sebu	South Cotabato	C
	Downstream	6°12'54.600" N	124°42'11.50" E			
65.T'daan Kini River	Upstream	6°12'42.100" N	124°42'15.10" E	Lake Sebu	South Cotabato	B
	Downstream	6°11'20.200" N	124°41'29.50" E			
66.Bulatukan River	Upstream	6°55'41.441" N	125°11'29.51" E	Makilala	Cotabato Province	B
	Downstream	6°51'56.000" N	125°09'20.00" E			
67.Big Margus River	Upstream	5°58'34.400" N	125°18'23.70" E	Glan	Sarangani Province	C
	Downstream	5°39'35.000" N	125°21'53.10" E			
68.Mabato River	Upstream	7°07'38.090" N	125°08'22.15" E	Magpet	Cotabato Province	B
	Downstream	7°06'46.330" N	125°08'03.71" E			

Name of Waterbody	Location			Municipality	Province	Class
	Station	Latitude	Longitude			
69. Magpet River	Upstream	7°06'23.380" N	125°06'40.37" E	Magpet	Cotabato Province	B
	Downstream	7°03'30.690" N	125°11'45.12" E			
70. Small Margus River	Upstream	5°40'11.960" N	125°19'20.70" E	Glan	Sarangani Province	C
	Downstream	5°39'32.000" N	125°18'07.56" E			
71. Glan Marine Park		5°49'48.000" N	125°10'21.00" E	Glan	Sarangani Province	SA
		5°47'39.000" N	125°10'20.00" E			SB
		5°47'15.000" N	125°10'50.00" E			
		5°46'03.000" N	125°11'26.00" E			
72. Sangay-Paril Bay		6°25'37.740" N	124°02'08.48" E	Paril, Kalamasig	Sultan Kudarat	SA
		6°26'07.440" N	124°02'31.89" E			
		6°28'26.260" N	124°01'55.34" E	Sangay, Kalamasig		SB
		6°27'28.080" N	124°02'14.00" E			
Region 13 (Caraga)						
73. Alamio River	Upstream	9°16'31.33" N	125°54'50.64" E	Carrascal	Surigao del Sur	AA
	Midstream	9°18'19.45" N	125°54'07.74" E			A
	Downstream	9°17'05.89" N	125°56'17.08" E			
74. Buyaan River	Upstream	9°13'55.61" N	125°57'02.63" E	San Roque	Surigao del Sur	A
	Downstream	9°14'12.29" N	125°58'39.76" E	Antao		
75. Hubason/Lanang River	Upstream	9°12'37.27" N	126°00'46.98" E	Carmen	Surigao del Sur	A
	Downstream	9°14'50.70" N	126°00'05.73" E			
76. Marga River	Upstream	9°24'40.36" N	125°51'54.90" E	Carrascal	Surigao del Sur	A
	Midstream	9°24'16.56" N	125°54'0.072" E			C
	Downstream	9°24'35.46" N	125°52'32.92" E			
77. Mayag River	Upstream	9°38'03.39" N	125°27'15.84" E	Mainit	Surigao del Norte	A
	Downstream	9°31'43.03" N	125°29'15.53" E			
78. Magpayang River	Upstream	9°36'10.14" N	125°33'59.21" E	Magpayang	Surigao del Norte	A
	Downstream	9°31'00.52" N	125°33'17.61" E			
79. Lake Mahucdam		9°34'15.91" N	125°32'13.36" E	Tubod	Surigao del Norte	A
		9°33'52.56" N	125°32'36.16" E			
80. Logum River	Upstream	8°04'30.74" N	125°55'38.39" E	Veruela	Agusan del Sur	C
	Downstream	8°01'29.89" N	125°55'03.53" E			
81. Baobo River	Upstream	8°04'32.04" N	125°56'20.80" E	Veruela	Agusan del Sur	C
	Downstream	7°59'56.02" N	125°55'36.99" E			
82. Pusilao River	Upstream	8°36'41.84" N	125°28'48.70" E	Esperanza	Agusan del Sur	B
	Downstream	8°39'48.03" N	125°35'28.80" E			
83. Sipangpang River	Upstream	9°17'56.29" N	125°50'30.42" E	Cantilan	Surigao del Sur	A
	Downstream	9°18'45.10" N	125°52'46.40" E			

The DENR is not precluded to reclassify the aforementioned waterbodies if new information is received from its stakeholders that may warrant reclassification consistent with the requirements under Rule 19.11 of DAO 2005-10 and Chapter III of the Manual of Procedures on Classifying / Reclassifying Waterbodies.

As such, per Section 20 of RA 9275, the Local Government Units shall monitor the quality of the classified waterbodies and coordinate with the DENR and other concerned offices for the implementation of measures to prevent and control water pollution. Simultaneously, the DENR shall include the classified waterbodies in its programs, with a focus or priority on areas requiring immediate attention to ensure its conformance to their intended beneficial use.

SECTION 6. Separability Clause. If any provision of this Order shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

SECTION 7. Repealing Clause. All Orders and other similar issuances inconsistent herewith are hereby revoked, amended, or modified accordingly.

SECTION 8. Effectivity. This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgment of the receipt of the copy thereof by the Office of the National Administrative Register (ONAR).

MARIA ANTONIA YULO LOYZAGA
Secretary