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DENR Administrative Order
No. 2016 - 16

JUN 21 2016

Subject: Designation of the Tagoloan River Basin Water Quality Management Area and Creation of Its Governing Board

Pursuant to Section 5 of RA 9275 otherwise known as the Philippine Clean Water Act of 2004, DENR Administrative Order (DAO) No. 2005-10 or the Implementing Rules and Regulations of RA 9275, and DENR Memorandum Circular 2009-15 or Procedural Manual for the Designation of Water Quality Management Areas, and considering its critical importance to many municipalities/city in the Provinces of Bukidnon and Misamis Oriental, the **Tagoloan River Basin in Misamis Oriental is hereby designated as a Water Quality Management Area (WQMA).**

SECTION 1. Policy and Objectives. It is the policy of the State to pursue economic growth in a manner consistent with the protection and revival of the quality of our fresh, brackish and marine waters. Pursuant to this policy statement, the Tagoloan River Basin shall be managed, consistent with the following water quality management objectives:

- a) To improve its water quality, thereby contributing to the enhancement of the municipalities/City of Malaybalay, Impasug-ong, Sumilao, Manolo Fortich, Malitbog, all in the Province of Bukidnon and the municipalities of Claveria, Jasaan, Villanueva and Tagoloan, all in Misamis Oriental as a source of water for domestic, recreation, irrigation and other agricultural uses including the multiple use of the coastal waters of Macajalar Bay for fishing and aquatic propagation, recreation, navigation and industrial, and serve the best interest of the communities and stakeholders;
- b) To formulate a WQMA program which recognizes issues that are inherently related or cannot be detached from the concerns on water resources, ecological protection, water supply, public health and quality of life;
- c) To encourage, support, and mobilize civil society organizations and other sectors such as the academe and businesses engaged in environment-related activities, in efforts to organize and educate people in addressing pertinent environmental issues and problems in the WQMA;
- d) To promote inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water in Tagoloan River Basin; and
- e) To support the current environmental protection initiative and efforts of LGUs and other civil society organizations in the WQMA area.

SECTION 2. Coverage. The Tagoloan River Basin WQMA shall cover its natural or man-made tributaries that are within the WQMA boundary including the land embraced by the hydrologic unit identified through various maps. The WQMA has a total area of 1, 850.603 sq. kms.

The WQMA is bounded by the following geographic coordinates which are consistent with the map in Annex A:

No	LGU WITH JURISDICTION	LONGITUDE	LATITUDE
1	Coastal area of Brgy. Sugbongcogon, Tagoloan	124.751	8.51937
2	Boundary of Brgy. Sugbongcogon and Brgy. Casinglot, Tagoloan	124.754	8.52919
3	Brgy. Casinglot, Tagoloan	124.758	8.5317
4	Brgy. Natumolan, Tagoloan	124.774	8.52826
5	Boundary of Brgy. Natumolan and Casinglot, Tagoloan	124.785	8.51585
6	Lower Natumolan, Tagoloan	124.792	8.51778
7	Upper Natumolan, Tagoloan	124.810	8.50534
8	Boundary of Brgy. Minsuro and Brgy. Mambatangan	124.824	8.49825
9	Brgy. Mambatangan, Manolo Fortich, Bukidnon	124.827	8.48391
10	Brgy. Mantibugao, Manolo Fortich, Bukidnon	124.826	8.45358
11	Alae Catholic Church-Commercial District	124.817	8.42217
12	Alae, Manolo Fortich, Bukidnon	124.817	8.40139
13	Damilag, Manolo Fortich, Bukidnon	124.812	8.38933
14		124.815	8.37892
15	Agusan Canyon, Manolo Fortich, Bukidnon	124.824	8.27581
16	Sil-ipon, Manolo Fortich, Bukidnon	124.834	8.25189
17		124.843	8.23443
18	Dahilayan, Manolo Fortich, Bukidnon	124.854	8.21529
19	Boundary of Sil-ipon, Manolo Fortich and San Vicente, Baungon	124.861	8.18295
20	San Vicente, Baungon, Bukidnon	124.863	8.17143
21		124.861	8.14925
22		124.860	8.1397
23		124.856	8.13916
24		Boundary of Lirongan, Talakag and San Vicente, Baungon	124.859
25	Lirongan, Talakag, Bukidnon	124.862	8.12818
26		124.873	8.12897
27		124.876	8.12278
28		124.887	8.1202
29		124.894	8.11259
30		124.899	8.119021
31		124.904	8.11928
32		124.925	8.11918
33	Imbayao, Malaybalay, Bukidnon	124.924	8.13042
34		124.928	8.13574
35		124.932	8.13403
36		124.934	8.13683
37		124.938	8.13344
38		124.948	8.13901
39		124.955	8.141501

40		124.963	8.15101
41	Boundary of Brgy. Casisang, Malaybalay and Brgy. San Jose	125.082	8.10465
42		125.190	8.10549
43	Boundary of Brgy. Canayan, Malaybalay and Brgy. Silae	125.218	8.15728
44		125.222	8.15698
45	Boundary of Brgy. Caburacanan, Malaybalay and Brgy. Silae	125.236	8.16168
46		125.240	8.16165
47	Brgy. Caburacanan, Malaybalay, Bukidnon	125.243	8.16726
48		125.246	8.17173
49		125.245	8.17595
50	Boundary of Brgy Caburacanan and Brgy. St. Peter	125.246	8.18886
51		125.242	8.18804
52	Brgy. Caburacanan, Malaybalay, Bukidnon	125.237	8.18582
53	Boundary of Brgy Caburacanan and Brgy. St. Peter	125.228	8.19149
54	Brgy. St. Peter, Malaybalay, Bukidnon	125.222	8.1991
55	Boundary of Brgy. St. Peter and Brgy. Busdi, Malaybalay, Bukidnon	125.219	8.20698
56	Boundary of Brgy Kabalabag and Brgy. Kulaman, Malaybalay, Bukidnon	125.207	8.20761
57	Brgy, Kabalabag, Malaybalay, Bukidnon	125.207	8.21266
58		125.207	8.22333
59		125.205	8.23345
60		125.205	8.23879
61		125.199	8.24275
62	Brgy. Manalog, Malaybalay, Bukidnon	125.191	8.25234
63		125.185	8.27203
64		125.176	8.28387
65		125.176	8.29623
66		125.173	8.31787
67	Brgy. Bontongon, Impasug-ong, Bukidnon	125.165	8.3342
68		125.141	8.34837
69		125.140	8.35511
70		125.131	8.35853
71	Boundary of Brgy. Bontongon and Dumalaguing, Impasug-ong, Bukidnon	125.123	8.36896
72	Brgy. Dumalaguing, Imapsug-ong, Bukidnon	125.109	8.37269
73		125.099	8.38117
74		125.095	8.38203
75	Brgy. Sayawan, Impasug-ong, Bukidnon	125.079	8.39167
76		125.073	8.39984
77	Boundary of Brgy. Sayawan and Guihean, Impasug-ong, Bukidnon	125.085	8.406241
78	Brgy. Guihean, Impasug-ong, Bukidnon	125.097	8.4306
79		125.096	8.446611
80		125.089	8.45311
81	Brgy. Kalabugao, Impasug-ong, Bukidnon	125.086	8.46099
82		125.086	8.47644
83		125.095	8.4938
84	Brgy. Hagpa, Impasug-ong, Bukidnon	125.094	8.50672

85		125.088	8.51377
86		125.091	8.52612
87		125.095	8.53199
88		125.098	8.54601
89		125.102	8.55554
90		125.109	8.55522
91		125.113	8.56475
92		125.114	8.573731
93	Boundary of Brgy. Minalwang, Claveria, Misamis Oriental and Brgy. Hagpa, Impasug-ong, Bukidnon	125.104	8.58445
94	Brgy. Minalwang, Claveria, Misamis Oriental	125.104	8.5926
95		125.096	8.59854
96		125.095	8.61483
97	Brgy. Mat-i, Claveria, Misamis Oriental	125.081	8.61744
98		125.066	8.61696
99		125.059	8.6285
100		125.044	8.62915
101		125.038	8.63283
102		125.027	8.62952
103		125.024	8.62111
104		125.012	8.6223
105		124.994	8.6252
106		124.993	8.63082
107		124.983	8.63509
108		124.965	8.63349
109	Brgy. Lanise, Claveria, Misamis Oriental	124.951	8.63244
110	Brgy. Luna, Claveria, Misamis Oriental	124.931	8.64293
111		124.927	8.64351
112	Brgy. Tamboboan, Claveria, Misamis Oriental	124.923	8.64971
113		124.912	8.6478
114		124.904	8.63408
115	Poblacion, Claveria, Misamis Oriental	124.896	8.615871
116	Brgy. Ani-e, Claveria, Misamis Oriental	124.880	8.60106
117	Brgy. Punong, Claveria, Misamis Oriental	124.863	8.59581
118		124.846	8.59757
119		124.835	8.59594
120	Boundary of Brgy. Imelda, Villanueva and Brgy. Patrocenio, Claveria, Misamis Oriental	124.824	8.59824
121	Brgy. Luz Banzon, Jasaan, Misamis Oriental	124.799	8.63824
122	Boundary of Brgy. Blanco, Balingasag and Brgy. I.S. Cruz, Jasaan, Misamis Oriental	124.799	8.70368
123	From the coastline	124.692	8.70417
124		124.688	8.67807
125		124.695	8.63843
126		124.709	8.6159
127		124.711	8.5982
128		124.694	8.56934
129		124.694	8.54182
130		124.693	8.5303

131		124.697	8.51961
132		124.697	8.51961

SECTION 3. Political/Administrative Jurisdiction. The political/administrative jurisdiction of the proposed Tagoloan River Basin WQMA encompasses the following areas:

Province	Municipalities	Barangay
BUKIDNON	Impasug-ong	All Barangays
	Malaybalay	Barangay 1 (Poblacion), Caburacanan, Canayan, Capitan Angel, Dalwangan, Imbayao, Kabalabag, Kalasungay, Kulaman, Manalog
	Malitbog	All Barangays
	Manolo Fortich	Agusan Canyon, Dahilayan, Kalugmanan, Mampayag, Lindahan, Lingion, Lunocan, San Miguel, Damiag, Alae, Sankan, Santo Niño, Dicklum, Tankulan (Pob.), Mantibugao, Mambatangan, Minsuro, Maluko, Ticala, Dalirig, Santiago, Guilang-guilang
	Sumilao	All Barangays
	Baungon	San Vicente
MISAMIS ORIENTAL	Claveria	Sta. Cruz, Tamboboan, Punong, Ani-e, Poblacion, Luna, Lanise, Mat-i, Minalwang, Sumalsag, Mindagat
	Villanueva	All Barangays
	Jasaan	All Barangays
	Tagoloan	Poblacion, Gracia, Baluarte, Sugbongcogon, Natumolan, Casinglot, Santa Ana, Mohon, Rosario, Santa Cruz

SECTION 4. Creation of the WQMA Governing Board. A WQMA Governing Board is hereby created, which shall be chaired by the Regional Director (RD) of the Environmental Management Bureau (EMB), Region X, and shall have the following members:

- a) Duly authorized representative from the Office of the Governor:
 - 1) Province of Bukidnon
 - 2) Province of Misamis Oriental

- b) Duly authorized representative from the Office of the Mayor of the following cities/municipalities:
 - 1) Malaybalay City, Bukidnon
 - 2) Impasug-ong, Bukidnon
 - 3) Sumilao, Bukidnon
 - 4) Manolo Fortich, Bukidnon
 - 5) Malitbog, Bukidnon
 - 6) Baungon, Bukidnon
 - 7) Claveria, Misamis Oriental
 - 8) Jasaan, Misamis Oriental
 - 9) Villanueva, Misamis Oriental
 - 10) Tagoloan, Misamis Oriental

- c) Regional Director or duly authorized representative from the following government offices in Region X:
 - 1) Department of Agriculture (DA)
 - 2) Department of the Interior and Local Government (DILG)

- 3) National Economic and Development Authority (NEDA)
 - 4) Department of Public Works and Highways (DPWH)
 - 5) Department of Health (DOH)
 - 6) Department of Trade and Industry (DTI)
 - 7) Department of Science and Technology (DOST)
 - 8) Housing and Land Use Regulatory Board (HLURB)
 - 9) National Irrigation Administration (NIA)
 - 10) Department of Education (DepEd)
 - 11) Department of Environment and Natural Resources (DENR)
 - 12) Mines and Geosciences Bureau (MGB)
 - 13) Philippine Coast Guard (PCG)
 - 14) Fertilizer and Pesticide Authority (FPA)
 - 15) Bureau of Fisheries and Aquatic Resources (BFAR)
 - 16) Philippine Information Agency (PIA)
 - 17) National Commission on Indigenous Peoples (NCIP)
- d) Duly authorized representative from the Tagoloan River Basin Council;
 - e) Duly authorized representative from the National Water Resources Board (NWRB);
 - f) Duly authorized representative from the Protected Area Management Board (PAMB)-Mt. Kitanglad;
 - g) Duly authorized representative from the Fisheries and Aquatic Resources Management Council (FARMC);
 - h) Duly authorized representative from the Philippine Veterans Investment Development Corporation (PHIVIDEC) Industrial Authority;
 - i) Area Representative from the following sectors:
 - 1) Academe
 - 2) Business/industry associations
 - 3) Water utilities
 - 4) Duly registered Non-Governmental Organizations/Local People's Organizations/Civil Society involved in Environmental Concerns

The Board may also invite representatives from other agencies/institutions to participate in the deliberations of the Board as needed.

The terms, vacancy and compensation of the Governing Board shall be governed by DAO 2005-10. The Local Chief Executive and Heads of Offices may appoint/authorize their respective representatives to the Board, provided that he/she is authorized to make commitments on behalf of the office he/she represents. Provided, further, that the LGU representatives in other WQMAs shall also serve as representative in the Tagoloan River Basin WQMA.

Representatives from business sector and peoples' organizations/non-government organizations/civil society shall be designated in accordance with the procedure and requirements under DAO No. 2005-10.

SECTION 5. Functions of the Governing Board. The Governing Board shall have the following functions:

- a) Formulate the Governing Rules that will ensure effective management of the WQMA Governing Board;
- b) Elect other officers and create working committees within the Board that are deemed necessary for the effective implementation of WQMA policies, programs and activities;
- c) Review the initial WQMA Action Plan prepared by the EMB Region X and draft a common and integrated compliance plan. The Board shall consequently prepare and

adopt an Action Plan for the succeeding periods to be submitted to the EMB Region X for review and for submission to the DENR;

- d) Together with EMB Region X, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan and drafting local legislation to protect the Tagoloan River Basin and promote overall environmental improvement in the WQMA area;
- e) Monitor and facilitate compliance to the WQMA Action Plan by the local government units;
- f) Formulate strategies to harmonize policies/regulations/local legislation necessary for the effective implementation of R.A. 9275 in accordance with those established under the Integrated Water Quality Management Framework;
- g) Recommend local and national policies that will protect the water quality of Tagoloan River Basin;
- h) Coordinate relevant activities among all its members and facilitate resolution of conflicts;
- i) Undertake complementary interventions for non-point sources, considering their greater contribution to pollution;
- j) Undertake projects that will complement national and local initiatives for water pollution control;
- k) Solicit financial and non-financial support from other parties, both local and international, in accordance to R. A. 9275 and DAO 2013-15 and subject to other existing applicable regulations;
- l) Initiate and/or coordinate information dissemination activities pertaining to Tagoloan River Basin WQMA;
- m) Prepare and publish on a regular basis, a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB Region X and to the EMB Central Office for consolidation in the National Water Quality Status Report; and
- n) Manage efficiently and judiciously the Area Water Quality Management Fund.

SECTION 6. Governing Rules. The Governing Board shall formulate its own Governing Rules based on applicable and pertinent laws, policies, rules and regulations. Based on its Governing Rules, the Governing Board may elect at least one Co-chair, create working committees as may be necessary to carry out the Board's functions, and designate their respective chairs.

SECTION 7. Meetings. The Governing Board shall meet quarterly or as often as may be required pursuant to its Governing Rules.

SECTION 8. Technical Working Group and Technical Secretariat. The Governing Board, pursuant to DENR Administrative Order No. 2005-10 and under the governing rules, shall form a Technical Working Group (TWG) or Committees to ensure broad-based participation of all the stakeholders in the work of the Governing Board.

The Governing Board shall likewise organize a Technical Secretariat of the WQMA, which shall be based at EMB, DENR- Region X.

SECTION 9. Multi-Sectoral Group. In accordance with DENR Administrative Order No. 2005-10, the Governing Board shall create a Multi-Sectoral group for water quality monitoring and surveillance network, drawing membership from representatives nominated by the members of the Governing Board. Said group shall augment and complement monitoring and reporting efforts of the EMB Region X.

SECTION 10. Re-designation of WQMA. When necessary, and only after undertaking necessary studies and conducting consultations with relevant local government authorities, the Secretary of the DENR, upon recommendation of the EMB, shall revise the designation of WQMA, re-adjust its boundaries or reconstitute its membership for adequate representation.

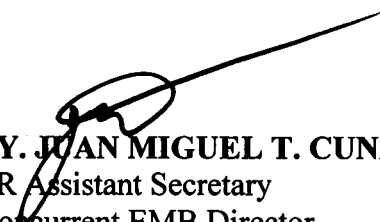
SECTION 11. Amendments and Revisions. Amendments or revisions of any of the provisions hereof shall be made only upon consultations with the concerned stakeholders in accordance with existing policies on the matter, and subject to the written approval of all the parties thereto.

SECTION 12. Separability Clause. Should any provision/s of this Order be subsequently declared invalid or null and void, the validity of the other provisions not affected shall not be impaired and shall remain to be in full force and effect.

SECTION 13. Effectivity. This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and its registration with the Office of the National Administrative Register (ONAR).


RAMON J. P. PAGE
Secretary

Recommending Approval:


ATTY. JUAN MIGUEL T. CUNA
DENR Assistant Secretary
and concurrent EMB Director



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ANNEX A TAGOLOAN RIVER BASIN WQMA

