



DEC 28 2012

DENR Administrative Order
No. 2012- 11

SUBJECT: Designation of the Taguibo River 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 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 Butuan City and the towns of Magallanes and Remedios T. Romualdez in Agusan del Norte, **the Taguibo River 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. To protect and improve its water quality, the Taguibo River shall be managed consistent with the following water quality management objectives:

- a. To achieve and maintain an acceptable water quality in the Taguibo River that will serve the best interest of its stakeholders and user-communities, consistent with DENR Administrative Orders No. 34 and 35, series of 1990;
- b. To provide appropriate processes and procedures for the prevention, control and abatement of water pollution of the Taguibo River and its watershed through a comprehensive management program for water pollution control;
- c. To ensure that Taguibo River continues to be a safe source of water supply for Butuan City and its communities; serve as principal sustaining resource to aquaculture in the area; and support food production and industry in the WQMA jurisdiction;
- d. To formulate a program on water quality management which links water quality management issues to ecological protection, water supply, public health and quality of life;
- e. To maximize the use of public information and education on river management as venue for active participation of the stakeholders;
- f. To encourage other government agencies, civil society organizations, and other sectors, such as the academe and business to take an active role in water quality protection and management;
- g. To promote and harness inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water of the Taguibo River.

Section 2. Coverage. The Taguibo River WQMA shall cover the Taguibo River and its natural or man-made tributaries that are within the WQMA boundary including the land embraced by the hydrologic unit indentified through various maps. The following data, which were determined by a survey of the highest elevation of various points and draining to the Taguibo River, shall comprise the geographic coordinates of the Taguibo River WQMA and its watershed:



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Boundary Control Point	LGU with Jurisdiction	LATITUDE	LONGTITUDE
1	Brgy. Pianing, Butuan City	8°59.390	125°39.472
2	Brgy. Pianing, Butuan City	8°59.271	125°39.194
3	Brgy. Pianing, Butuan City	8°58.917	125°39.142
4	Brgy. Pianing, Butuan City	8°58.618	125°39.227
5	Brgy. Pianing, Butuan City	8°58.052	125°38.835
6	Brgy. Taguibo, Butuan City	8°58.479	125°38.403
7	Brgy. Taguibo, Butuan City	8°58.583	125°38.135
8	Brgy. Taguibo, Butuan City	8°58.714	125°37.665
9	Brgy. Taguibo, Butuan City	8°58.746	125°37.369
10	Brgy. Taguibo, Butuan City	8°58.701	125°37.130
11	Brgy. Taguibo, Butuan City	8°58.740	125°36.649
12	Brgy. Taguibo, Butuan City	8°58.748	125°36.217
13	Brgy. Taguibo, Butuan City	8°58.819	125°36.216
14	Brgy. Taguibo, Butuan City	8°58.975	125°35.885
15	Brgy. Cabcabon, Butuan City	8°59.093	125°35.724
16	Brgy. Cabcabon, Butuan City	8°59.259	125°35.510
17	Brgy. Cabcabon, Butuan City	8°59.436	125°35.272
18	Brgy. Cabcabon, Butuan City	8°59.455	125°35.004
19	Brgy. Cabcabon, Butuan City	8°59.464	125°34.674
20	Brgy. Cabcabon, Butuan City	8°59.737	125°34.306
21	Brgy. Cabcabon, Butuan City	8°59.767	125°33.927
22	Brgy. Bobon, Butuan City	8°59.876	125°33.624
23	Brgy. Bobon, Butuan City	8°59.880	125°33.142
24	Brgy. Bobon, Butuan City	8°59.946	125°32.699
25	Brgy. Guiasan, Magallanes, Agusan del Norte	9°00.398	125°32.363



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26	Brgy. Guiasan, Magallanes, Agusan del Norte	9°00.665	125°32.039
27	Brgy. Guiasan, Magallanes, Agusan del Norte	9°00.670	125°31.329
28	Brgy. Guiasan, Magallanes, Agusan del Norte	9°01.268	125°31.215
29	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01.684	125°31.350
30	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01'39.7"	125°31'43.1"
31	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01'16.3"	125°32'15.6"
32	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01'14.1"	125°32'49.3"
33	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01'14.9"	125°33'29.6"
34	Brgy. Taod-oy, Magallanes, Agusan del Norte	9°01'25.9"	125°34'19.1"
35	Brgy. Baobaoan, Butuan City	9°01'22.5"	125°34'37.0"
36	Brgy. Baobaoan, Butuan City	9°01'18.5"	125°34'56.5"
37	Brgy. Baobaoan, Butuan City	9°01'00.2"	125°35'01.3"
38	Brgy. Baobaoan, Butuan City	9°00'57.7"	125°34'58.0"
39	Brgy. Baobaoan, Butuan City	9°00'19.3"	125°35'16.0"
40	Brgy. Cabcabon, Butuan City	9°00'10.8"	125°35'44.2"
41	Brgy. Sumilihon, Butuan City	9°00'01.6"	125°35'36.9"
42	Brgy. Sumilihon, Butuan City	9°00'00.8"	125°36'14.9"
43	Brgy. Sumilihon, Butuan City	8°59'50.8"	125°36'16.7"
44	Brgy. Sumilihon, Butuan City	8°59'34.3"	125°36'40.4"
45	Brgy. Sumilihon, Butuan City	8°59'35.9"	125°37'06.8"
46	Brgy. Sumilihon, Butuan City	8°59'35.5"	125°37'23.4"
47	Brgy. Sumilihon, Butuan City	8°59'35.4"	125°37'33.1"
48	Brgy. Sumilihon, Butuan City	8°59'31.4"	125°37'45.2"
49	Brgy. Sumilihon, Butuan City	8°59'37.4"	125°37'52.1"
50	Brgy. Sumilihon, Butuan City	8°59'44.0"	125°37'56.2"
51	Brgy. Sumilihon, Butuan City	8°59'58.2"	125°37'58.4"



52	Brgy. Sumilihon, Butuan City	9°00'12.4"	125°38'00.1"
53	Brgy. Sumilihon, Butuan City	9°00'27.6"	125°38'12.2"
54	Brgy. Sumilihon, Butuan City	9°00'46.1"	125°38'10.4"
55	Brgy. Anticala, Butuan City	9°00'58.8"	125°38'23.7"
56	Brgy. Anticala, Butuan City	9°01'12.0"	125°38'24.9"
57	Brgy. Anticala, Butuan City	9°01'24.7"	125°38'25.7"
58	Brgy. Anticala, Butuan City	9°01'34.7"	125°38'37.1"
59	Brgy. Anticala, Butuan City	9°01'27.8"	125°39'15.8"
60	Brgy. Anticala, Butuan City	9°01'58.6"	125°39'30.5"
61	Brgy. Anticala, Butuan City	9°02'03.8"	125°39'46.0"
62	Brgy. Anticala, Butuan City	9°01'57.2"	125°40'13.9"
63	Brgy. Anticala, Butuan City	9°02'06.2"	125°40'17.8"
64	Brgy. Anticala, Butuan City	9°02'17.8"	125°40'29.2"
65	Brgy. Anticala, Butuan City	9°02'33.6"	125°40'37.7"
66	Brgy. Anticala, Butuan City	9°02'43.4"	125°40'56.5"
67	Brgy. San Antonio, RT Romualdez, ADN	9°03'02.5"	125°41'05.6"
68	Brgy. San Antonio, RT Romualdez, ADN	9°03'22.0"	125°40'57.5"
69	Brgy. San Antonio, RT Romualdez, ADN	9°03'35.0"	125°41'13.2"
70	Brgy. San Antonio, RT Romualdez, ADN	9°03'56.0"	125°41'11.2"
71	Brgy. San Antonio, RT Romualdez, ADN	9°04'09.9"	125°41'32.3"
72	Brgy. San Antonio, RT Romualdez, ADN	9°04'15.6"	125°42'00.4"
73	Brgy. San Antonio, RT Romualdez, ADN	9°04'53.3"	125°42'10.8"
74	Brgy. San Antonio, RT Romualdez, ADN	9°05'08.6"	125°42'12.8"
75	Brgy. San Antonio, RT Romualdez, ADN	9°05'41.9"	125°42'14.8"
76	Brgy. San Antonio, RT Romualdez, ADN	9°05'43.2"	125°42'31.1"
77	Brgy. San Antonio, RT Romualdez, ADN	9°05'38.0"	125°42'43.1"



78	Brgy. San Antonio, RT Romualdez, ADN	9°05'50.5"	125°42'58.3"
79	Brgy. San Antonio, RT Romualdez, ADN	9°05'43.1"	125°43'09.1"
80	Brgy. San Antonio, RT Romualdez, ADN	9°05'02.0"	125°43'02.2"
81	Brgy. San Antonio, RT Romualdez, ADN	9°04'47.8"	125°42'56.7"
82	Brgy. San Antonio, RT Romualdez, ADN	9°04'36.6"	125°43'06.2"
83	Brgy. San Antonio, RT Romualdez, ADN	9°04'33.0"	125°43'17.0"
84	Brgy. San Antonio, RT Romualdez, ADN	9°04'26.0"	125°43'21.2"
85	Brgy. San Antonio, RT Romualdez, ADN	9°04'19.5"	125°43'17.7"
86	Brgy. San Antonio, RT Romualdez, ADN	9°03'45.6"	125°43'13.4"
87	Brgy. San Antonio, RT Romualdez, ADN	9°03'35.9"	125°43'07.5"
88	Brgy. San Antonio, RT Romualdez, ADN	9°03'26.2"	125°43'08.5"
89	Brgy. San Antonio, RT Romualdez, ADN	9°03'18.9"	125°42'59.6"
90	Brgy. San Antonio, RT Romualdez, ADN	9°03'15.3"	125°43'11.3"
91	Brgy. San Antonio, RT Romualdez, ADN	9°03'00.6"	125°43'11.2"
92	Brgy. Anticala, Butuan City	9°02'42.6"	125°43'22.4"
93	Brgy. Anticala, Butuan City	9°02'24.9"	125°43'19.7"
94	Brgy. Anticala, Butuan City	9°02'14.1"	125°43.29.7"
95	Brgy. Anticala, Butuan City	9°01'27.1"	125°42'49.4"
96	Brgy. Anticala, Butuan City	9°01'29.7"	125°42'31.6"
97	Brgy. Anticala, Butuan City	9°00'55.9"	125°42'19.9"
98	Brgy. Anticala, Butuan City	9°00'45.9"	125°42'29.5"
99	Brgy. Anticala, Butuan City	9°00'31.2"	125°42'29.4"
100	Brgy. Anticala, Butuan City	9°00'30.3"	125°42'13.9"
101	Brgy. Anticala, Butuan City	9°00'20.3"	125°41'57.0"
102	Brgy. Anticala, Butuan City	9°00'16.1"	125°41'13.0"
103	Brgy. Anticala, Butuan City	9°00'01.2"	125°41'06.2"



104	Brgy. Pianing, Butuan City	8°59'30.2"	125°40'42.4"
105	Brgy. Pianing, Butuan City	8°59'18.4"	125°40'28.9"
106	Brgy. Pianing, Butuan City	8°59'11.5"	125°40'15.0"
107	Brgy. Pianing, Butuan City	8°59'31.2"	125°39'41.2"
108	Brgy. Anticala, Butuan City	8°59'59.2"	125°39'24.5"
109	Brgy. Anticala, Butuan City	9°00'13.3"	125°39'20.3"
110	Brgy. Anticala, Butuan City	9°00'12.4"	125°39'26.0"
111	Brgy. Anticala, Butuan City	9°00'17.8"	125°39'29.7"
112	Brgy. Anticala, Butuan City	9°00'17.6"	125°39'34.6"
113	Brgy. Anticala, Butuan City	9°00'26.7"	125°39'38.2"
114	Brgy. Anticala, Butuan City	9°00'28.0"	125°39'48.7"
115	Brgy. Anticala, Butuan City	9°00'31.2"	125°39'48.3"
116	Brgy. Anticala, Butuan City	9°00'34.4"	125°39'40.8"
117	Brgy. Anticala, Butuan City	9°00'37.0"	125°39'37.6"
118	Brgy. Anticala, Butuan City	9°00'32.9"	125°39'32.5"
119	Brgy. Anticala, Butuan City	9°00'31.1"	125°39'28.6"

Section 3. Political/Administrative Jurisdiction. As determined by DENR Caraga Region, the political/administrative jurisdiction of the Taguibo River WQMA encompasses the following areas in Butuan City and the Province of Agusan del Norte:

Region	Province	City/Municipality	Barangays
XIII		Butuan City	Brgy. Anticala, Brgy. Pianing, Brgy. Taguibo, Brgy. Sumilihon, Brgy. Cabcabon, Brgy. Bobon, Brgy. Baobaoan
	Agusan del Norte	Magallanes	Brgy. Guiasan, Brgy. Taod-oy
		Remedios T. Romualdez	Brgy. San Antonio



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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 Environmental Management Bureau (EMB), CARAGA Region, and shall have the following members:

1. Executive Director of the National Water Resources Board or his/her duly authorized representative;
2. Governor, Province of Agusan del Norte or his/her duly authorized representative;
3. Chairman, Regional Development Council, CARAGA Region or his/her duly authorized representative;
4. The Mayors of the following City and Municipalities or their duly authorized representative:
 - a. City of Butuan
 - b. Municipality of Magallanes
 - c. Municipality of Remedios T. Romualdez;
5. One Punong Barangay to be selected from among themselves by the Punong Barangays of Barangays Anticala, Pianing, Taguibo, Sumilihon, Cabcabon, Bobon, and Baobaoan.
6. Regional Director or duly authorized representative of the following Regional Offices in Region XIII;
 - a. Department of Agriculture
 - b. Department of the Interior and Local Government
 - c. National Economic and Development Authority
 - d. Department of Public Works and Highways
 - e. Department of Health
 - f. Department of Trade and Industry
 - g. Department of Science and Technology
 - h. Bureau of Fisheries and Aquatic Resources;
 - i. National Irrigation Administration
 - j. Department of Education
 - k. Philippine Information Agency
 - l. National Commission on Indigenous Peoples
7. Representative of the following sectors that have stakes in the Taguibo River and its watershed;
 - a. Business and industry
 - b. Water Utility
 - c. academe
 - d. Duly registered Environmental Non-Government Organizations/ Local Peoples' Organizations/ Civil Society involved in Natural Resource Management or Environmental Concerns
 - e. Indigenous Peoples' Organization
8. Representative of the Fisheries and Aquatic Resource Management Councils ;
9. Representative of the Taguibo Watershed Management Council; *and*
10. Representative of Butuan City Watershed Management Council.

The terms, vacancy and reasonable incentive of the Governing Board shall be governed by DENR Adm. Or. No. 2005-10. The Local Chief Executives and Head of Offices may appoint/authorize representatives to the Board, provided that he/she shall be able to make commitments.

Representatives from the academe, business sector, and peoples' organizations/ non-government organizations/civil Society and indigenous peoples shall be designated in accordance



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with the procedure and requirements as provided for in DENR Memorandum Circular No. 15, series of 2009.

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

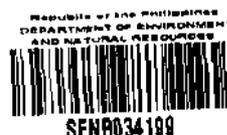
- a. Formulate strategies to harmonize policies/regulations/local legislation necessary for the effective implementation of R.A. 9275 in accordance with those established in the Integrated Water Quality Management Framework;
- b. Review the initial WQMA Action Plan prepared by the EMB CARAGA Region and draft a common and integrated compliance plan. Thereafter, prepare a draft action plan for the succeeding periods for submission to the DENR;
- c. Assist the Local Government Units in preparing their respective LGU compliance Scheme to implement WQMA Action Plan, including the drafting of applicable ordinances such as those pertaining to septage management, solid waste management and other measures that will enhance enforcement and compliance to the provisions of the Clean Water Act;
- d. Monitor and facilitate the compliance of LGUs pursuant to "c" above;
- e. Coordinate relevant activities among its members and member agencies and facilitate resolution of conflicts;
- f. Undertake complementary interventions for non-point sources, considering their greater contribution to pollution;
- g. Manage efficiently and properly the Area Water Quality Management Fund
- h. Prepare and publish on a regular basis a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB Caraga and EMB Central Office for consolidation into the National Water Quality Status Report (NWQSR); and
- i. Undertake projects that will complement national and local initiatives for water pollution control.

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, and create 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 at least 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 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 create a Technical Secretariat for the WQMA which shall be based at the EMB Caraga.

Section 9. Multi-Sectoral Group. In accordance with DAO 2005-10, the Governing Board shall create a Multi-Sectoral Group for water quality monitoring and surveillance network, ~~composed of representatives nominated by the member LGUs, national government agencies and other organizations represented in the governing Board.~~ Said group shall augment and complement monitoring and reporting efforts of the DENR/EMB.



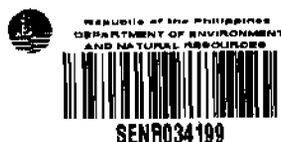
Section 10. Re-designation of WQMA. When necessary, and only after undertaking necessary studies and conducting consultations with relevant local government authorities, the Secretary of the DENR, upon recommendation of the EMB, shall revise the designation of WQMA, re-adjust its boundaries or reconstitute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

Section 11. Amendments and Revisions. Amendments or revisions of any of the provisions hereof shall be upon consultation 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 of the provisions 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 upon acknowledgment of receipt of a copy thereof by the Office of the National Administrative Register (ONAR).


RAMON J.P. PAJE
Secretary



Publication: Malaya

January 9, 2013

Acknowledgement: U.P. Law Center

January 11, 2013