



27 MAY 2013

DENR Administrative Order
No. 2013- 16

Subject: Designation of the Lake Buhi Watershed Water Quality Management Area and the Creation of Its Governing Board

Pursuant to Section 5 of R.A. No. 9275 otherwise known as the Philippine Clean Water Act of 2004, DENR Administrative Order No. 2005-10 (DAO 2005-10) or the Implementing Rules and Regulations of RA 9275 and DENR Memorandum Circular 2009-15 or the Procedural Manual for the Designation of Water Quality Management Areas, and considering its critical importance, the Lake Buhi Watershed 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, this Order aims at protecting and improving the water quality of Lake Buhi Watershed to make it a sustaining resource for the people of Buhi, Camarines Sur, consistent with the following water quality management objectives:

- a. To improve the water quality of Lake Buhi and thereby contribute to the enhancement of Buhi and its communities and serve the best interest of the stakeholders;
- b. 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;
- c. To mobilize, encourage and support civil society and other sectors, including the academe and business undertaking environmental-related activities, in their efforts to organize, educate and motivate the people in addressing pertinent environmental issues and problems in the WQMA;
- d. To support current environmental protection initiatives and efforts of organizations like the Save Lake Buhi Movement;
- e. To promote inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water in Lake Buhi; and
- f. To harness locally available resources to support rehabilitation and protection efforts for the Lake Buhi Watershed.

Sec. 2. Coverage. The Lake Buhi Watershed WQMA shall cover the Lake Buhi and its tributaries that are within the WQMA boundary including the land embraced by the hydrologic unit identified. The WQMA covers a total of 15, 511.5 hectares, 1,335 hectares of which is the lake area.

The following data shall comprise the geographic coordinates of the Lake Buhi Watershed WQMA:



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Control Point No.	LGU with Jurisdiction	Latitude	Longitude
1	Boundary of Barangays Santiago and Sta. Justina	13° 24.036'	123° 28.775'
2	Brgy. San Ramon	13° 25.823'	123° 28.126'
3	Brgy. Our Lady of Perpetual Help (Top of Mt. Iriga)	13° 27.292'	123° 27.016'
4	Brgy. Sta. Maria	13° 29.148'	123° 28.043'
5	Brgy. Burocbusoc	13° 29.465'	123° 29.735'
6	Brgy. Ibayugan	13° 30.796'	123° 32.008'
7	Brgy. Iraya	13° 31.128'	123° 32.795'
8	Brgy. Dapdap	13° 30.211'	123° 33.832'
9	Brgy. Maynonong	13° 28.93'	123° 35.149'
10	Brgy. Cale	13° 26.795'	123° 35.544'
11	Brgy. San Bernardo	13° 24.964'	123° 36.044'
12	Brgy. Monte Calvario	13° 24.446'	123° 34.278'
13	Brgy. Namurabod	13° 23.926'	123° 32.927'
14	Brgy. Lourdes	13° 23.595'	123° 31.354'
15	Brgy. Santa Justina	13° 24.441'	123° 29.413'

Sec. 3. Political/Administrative Jurisdiction. The political/administrative jurisdiction of the Lake Bubi Watershed WQMA encompasses the following areas within the municipality of Bubi:

BRGY. NO.	BARANGAY NAME	SECTOR
1	Amlongan	Mountain
2	Antipolo	Mountain
3	Burocbusoc	Lake
4	Cabatuan	Lake
5	Cagmaslog	Mountain
6	De La Fe	Lake
7	Divino Rostro	Mountain
8	Gabas	Mountain
9	Ibayugan	Lake
10	Igbac	Mountain
11	Ipil	Lake
12	Iraya	Lake
13	Labawon	Mountain
14	Lourdes	Road
15	Macaangay	Mountain
16	Monte Calvario	Mountain
17	Namurabod	Mountain
18	Sagrada Familia	Road
19	Salvacion	Lake
20	San Buenaventura	Poblacion
21	San Jose Baybayon	Road
22	San Pascual	Poblacion
23	San Pedro	Poblacion
24	San Rafael	Mountain
25	San Ramon	Lake
26	San Roque	Poblacion



BRGY. NO.	BARANGAY NAME	SECTOR
27	San Vicente	Mountain
28	Santa Clara	Poblacion
29	Santa Cruz	Lake
30	Santa Elena	Poblacion
31	Santa Justina	Road
32	Tambo	Lake

Sec. 4. Creation of the WQMA Governing Board. A WQMA Governing Board to be chaired by the Regional Director, Environmental Management Bureau Region V, is hereby created and shall have the following members:

1. Representative from the National Water Resources Board (NWRB);
2. Representative from the Office of the Governor, Province of Camarines Sur;
3. Representative from the Office of the Mayor, Municipality of Buhi, Camarines Sur;
4. Representative from the Barangay Sectors of Municipality of Buhi, Camarines Sur:
 - a. Lake Sector;
 - b. Mountain Sector;
 - c. Poblacion Sector; and
 - d. Road Sector
5. Representative from the following Regional Offices in Region V:
 - a. Department of Agriculture;
 - b. Department of Education;
 - c. Department of Health;
 - d. Department of the Interior and Local Government;
 - e. Department of Public Works and Highways;
 - f. Department of Science and Technology;
 - g. Department of Tourism;
 - h. Department of Trade and Industry;
 - i. Bureau of Fisheries and Aquatic Resources;
 - j. National Commission on Indigenous Peoples;
 - k. National Irrigation Administration;
 - l. National Power Corporation;
 - m. Philippine Information Agency
6. Regional Representative from the following sectors:
 - a. Academe;
 - b. Business/Industry;
 - c. Duly registered Non-Government Organizations/Local Peoples' Organizations/ Civil Society involved in Natural Resource, Management or Environmental Concerns;
 - d. Indigenous People
 - e. Municipal Fisheries and Aquatic Resources Management Council; and
 - f. Water Utility

The terms, vacancy and compensation of the Governing Board shall be governed by DAO 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. Provided, further, that the LGU representative in another WQMA shall also serve as its representative in the Lake Buhi Watershed WQMA.

Representatives from the business sector, and peoples' organizations/non-government organizations/civil society shall be designated in accordance with the procedure and requirements under DAO 2005-10.

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

- a. Review and adopt the initial WQMA Action Plan prepared by the EMB Region V and draft a common and integrated compliance plan. Thereafter, prepare a draft action plan for the succeeding periods for submission to the DENR;
- b. Together with EMB Region V, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan and in drafting local legislation to protect Lake Buhi and promote overall environmental improvement in the WQMA area;
- c. Monitor and facilitate the compliance to the WQMA Action Plan by the local governments;
- d. Formulate strategies to harmonize policies/regulations/local legislation necessary for the effective implementation of RA 9275 in accordance with those established in the Integrated Water Quality Management Framework;
- 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. Undertake projects that will complement national and local initiatives for water pollution control;
- h. Solicit support, financial and non-financial, from other parties, both local and international, subject to existing applicable regulations;
- i. Initiate and/or coordinate information dissemination activities pertaining to Lake Buhi;
- j. Prepare and publish, on a regular basis, a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB Region V and to the EMB Central Office to be consolidated into the National Water Quality Status Report;
- k. Formulate internal rules that will ensure management effectiveness of the WQMA Governing Board;
- l. Elect other officers and create working committees within the Board that are deemed necessary for the effective implementation of WQMA policies, programs and activities; and
- n. Manage efficiently and judiciously the Area Water Quality Management Fund.

Sec. 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 standing committees as may be necessary to carry out the Board's functions, and designate their respective chairs.



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

Sec. 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 stakeholders in the work of the Governing Board.

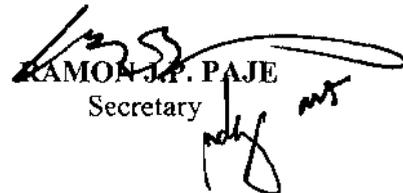
Sec. 9. Multi-Sectoral Group. In accordance with DENR Administrative Order No. 2005-10, the Governing Board shall create a Multi-Sectoral Group for water quality monitoring and surveillance network, composed of representatives nominated by the members of the Governing Board. Said group shall augment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

Sec. 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 members for adequate representation.

Sec. 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.

Sec. 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.

Sec. 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 hereof by the Office of the National Administrative Register (ONAR).


RAMON J. PAJE
Secretary



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June 3, 2013
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