



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel. Nos. 929-6626 to 29; 929-6633 to 35
929-7041 to 43; 929-6252; 929-1669
Website: <http://www.denr.gov.ph> / E-mail: web@denrgov.ph

DENR Administrative Order
No. 2018 - 11

JUL 02 2018

Subject: Designation of the Iyam-Dumacaa River System Water Quality Management Area and Creation of Its Governing Board

Pursuant to Section 5 of R.A 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 R.A 9275, and DENR Memorandum Circular 2009-15 or Procedural Manual for the Designation of Water Quality Management Areas, and considering its critical importance to cities and a municipality in the Province of Quezon, the **Iyam-Dumacaa River System is hereby designated as a Water Quality Management Area (WQMA).**

SECTION 1. Objectives and Policies. 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 waters. Pursuant to this policy statement, this Order aims to ensure the water quality of the Iyam and Dumacaa Rivers to make it a sustainable resource for the people of the cities of Lucena and Tayabas and municipality of Lucban consistent with the following water quality management objectives:

- a) To improve the water quality of the Iyam-Dumacaa River System and thereby contribute to the enhancement in the cities of Tayabas, Lucena and Lucban so that it can serve a number of ecosystem services and benefits including fishing, industrial, enhance recreation, aesthetic, health (e.g. reduced risk of infection from bathing), opportunities for wildlife and biodiversity and other uses and serve the best interest of the communities and stakeholders;
- b) To formulate a WQMA program which recognizes that water quality management issues are inherently related or cannot be detached from the concerns on water sources, 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 the Iyam-Dumacaa River System and;
- e) To harness locally available resources to support rehabilitation and protection efforts of the Iyam-Dumacaa River System.

SECTION 2. Coverage. The Iyam-Dumacaa River System WQMA shall cover its natural or man-made tributaries that are within the WQMA boundary including the land embraced by

hydrologic unit identified through various maps. The WQMA has a total land area of 16, 803 hectares.

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

Boundary Control Point	LGU with Jurisdiction		Latitude	Longitude
	Barangay	Municipality		
1	Barra	Lucena City	13°53'42.27" N	121°36'40.04" E
2	Dalahican	Lucena City	13°54'22.26" N	121°37'10.80" E
3	Dalahican	Lucena City	13°54'36.55" N	121°37'01.56" E
4	Crossing Mayao	Lucena City	13°55'40.71" N	121°37'34.34" E
5	Kanlurang Mayao	Lucena City	13°56'43.61" N	121°37'51.68" E
6	Ibabang Dupay	Lucena City	13°57'11.95" N	121°37'42.77" E
7	Kanlurang Mayao	Lucena City	13°57'35.92" N	121°37'50.41" E
8	Ilayang Dupay	Lucena City	13°58'06.32" N	121°37'34.97" E
9	Ilayang Dupay	Lucena City	13°58'44.51" N	121°37'35.23" E
10	Lawige	Tayabas City	14°02'25.46" N	121°39'13.55" E
11	Ibabang Ilasan	Tayabas City	14°03'35.38" N	121°38'5.72" E
12	Ilayang Ilasan	Tayabas City	14°04'6.50" N	121°37'42.15" E
13	Nagsinamo	Lucban	14°05'48.46" N	121°37'36.01" E
14	Nagsinamo	Lucban	14°06'02.18" N	121°36'24.57" E
15	Tiawe	Lucban	14°05'52.69" N	121°35'17.71" E
16	Tinamnan	Lucban	14°05'42.47" N	121°34'51.27" E
17	Palola	Lucban	14°04'43.20" N	121°33'7.82" E
18	Palola	Lucban	14°04'21.26" N	121°32'47.72" E
19	Dapdap	Tayabas City	14°03'50.21" N	121°32'50.12" E
20	Dapdap	Tayabas City	14°03'41.27" N	121°32'18.23" E
21	Alitao	Tayabas City	14°03'41.27" N	121°32'18.23" E
22	Alitao	Tayabas City	14°02'13.53" N	121°32'41.02" E
23	Bukal	Tayabas City	14°01'38.28" N	121°32'40.84" E
24	Bukal	Tayabas City	14°01'52.25" N	121°30'51.64" E
25	Calumpang	Tayabas City	13°58'32.61" N	121°33'24.76" E
26	Isabang	Tayabas City	13°57'50.21" N	121°33'54.06" E
27	Isabang	Lucena City	13°57'05.68" N	121°34'39.55" E
28	Ibabang Iyam	Lucena City	13°56'25.98" N	121°35'46.39" E
29	Ibabang Iyam	Lucena City	13°55'45.04" N	121°36'08.57" E
30	Ransohan	Lucena City	13°53'57.76" N	121°36'08.54" E

SECTION 3. Political/Administrative Jurisdiction. The political/administrative jurisdiction of the proposed Iyam-Dumacaa River System WQMA encompasses the following areas:

Province	Cities/Municipality	Barangays	
Quezon	Tayabas City	Alitao	Domoit Kanluran
		Alupay	Palale Kanluran
		Angeles Zone I (Pob.)	Lakawan
		Angeles Zone II	Lalo
		Angeles Zone III	Lawigue
		Angeles Zone IV	Lita (Pob.)

		Angustias Zone I (Pob.)	Malaoa
		Angustias Zone II	Masin
		Angustias Zone III	Mate
		Angustias Zone IV	Mateuna
		Anos	Mayowe
		Ayaas	Opdias
		Baguio	Pandakaki
		Banilad	Pook
		Calantas	Potol
		Calumpang	San Diego Zone I (Pob.)
		Camaysa	San Diego Zone II
		Dapdap	San Diego Zone III
		Gibanga	San Diego Zone IV
		Alsam Ibaba	San Isidro I (Pob.)
		Bukal Ibaba	San Isidro II
		Ilasan Ibaba	San Isidro III
		Nangka Ibaba	San Isidro IV
		Ibas	San Roque Zone I (Pob.)
		Alsam Ilaya	San Roque Zone II
		Bukal Ilaya	Domoit Silangan
		Ilasan Ilaya	Katigan Silangan
		Nangka Ilaya	Talolong
		Ipilan	Tamlong
		Isabang	Tongko
		Katigan Kanluran	Wakas
	Lucena City	Barangay 1 (Pob.)	Gulang-gulang
		Barangay 10 (Pob.)	Dalahican
		Barangay 11 (Pob.)	Domoit
		Barangay 2 (Pob.)	Ibabang Dupay
		Barangay 3 (Pob.)	Ibabang Iyam
		Barangay 4 (Pob.)	Ibabang Talim
		Barangay 5 (Pob.)	Ilayang Dupay
		Barangay 6 (Pob.)	Ilayang Iyam
		Barangay 7 (Pob.)	Ilayang Talim
		Barangay 8 (Pob.)	Isabang
		Barangay 9 (Pob.)	Mayao Crossing
		Barra	Ransohan
		Bocohan	Salinas
		Mayao Castillo	Market view
		Cotta	
	Lucban	Manasa	Palola
		May-it	Tiawe
		Nagsinamo	Tinamnan

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 IV-A, and shall have the following members:

- a) The Governor of the Province of Quezon or his/her duly authorized representative;
- b) The Mayors of the following Cities and Municipality or their duly authorized representative:

- 1) Lucena City;
 - 2) Tayabas City;
 - 3) Municipality of Lucban;
- c) The Regional Director or duly authorized representative from the following government offices in Region IV-A:
- 1) Department of Environment and Natural Resources (DENR);
 - 2) Department of Public Works and Highways (DPWH);
 - 3) Department of Health (DOH);
 - 4) Department of Agriculture (DA);
 - 5) Department of Education (DepEd);
 - 6) Commission on Higher Education (CHED);
 - 7) Department of Science and Technology (DOST);
 - 8) Department of Trade and Industry (DTI);
 - 9) Department of Interior and Local Government (DILG);
 - 10) National Economic Development Authority (NEDA);
 - 11) National Irrigation Administration (NIA);
- d) Duly authorized representative from the National Water Resources Board (NWRB);
- e) Duly authorized area representative of the following sectors:
- 1) Duly registered Non-Government Organization/Local Peoples' Organization/Civil Society involved in Natural Resource Management or Environmental Concerns
 - 2) Water Utility;
 - 3) Business/Industry
 - 4) Academe

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

The terms 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 Iyam-Dumacaa River System WQMA.

Representatives from the business/industry sector, and peoples' organizations/non-government organizations/civil society, and academe shall be designated in accordance with the procedure and requirements laid down in DAO 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 IV-A 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 IV-A for review and for submission to the DENR;

- d) Together with EMB Region IV-A, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan and drafting local legislation to protect Iyam-Dumacaa River System and promote overall environmental improvement in the WQMA;
- e) Monitor and facilitate LGU compliance with the WQMA Action Plan by the local governments 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 Iyam-Dumacaa River System;
- h) Coordinate relevant activities among all its members and facilitate the 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 Iyam-Dumacaa River System 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 IV-A 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 DAO 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 Governing Board.

The Governing Board shall likewise create a Technical Secretariat of the WQMA which shall be based at the EMB Region IV-A.

SECTION 9. Multi-Sectoral Group. In accordance with DAO 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 IV-A.

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.

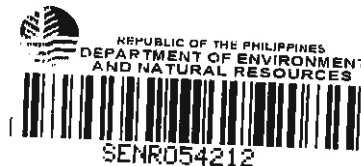
SECTION 12. Separability Clause. Should any of the provision of this Order be subsequently declared invalid or null and void, the validity of the other provisions not affected shall not be impaired and shall remain to be in full force and effect.

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).


ROY A. CIMATU
Secretary

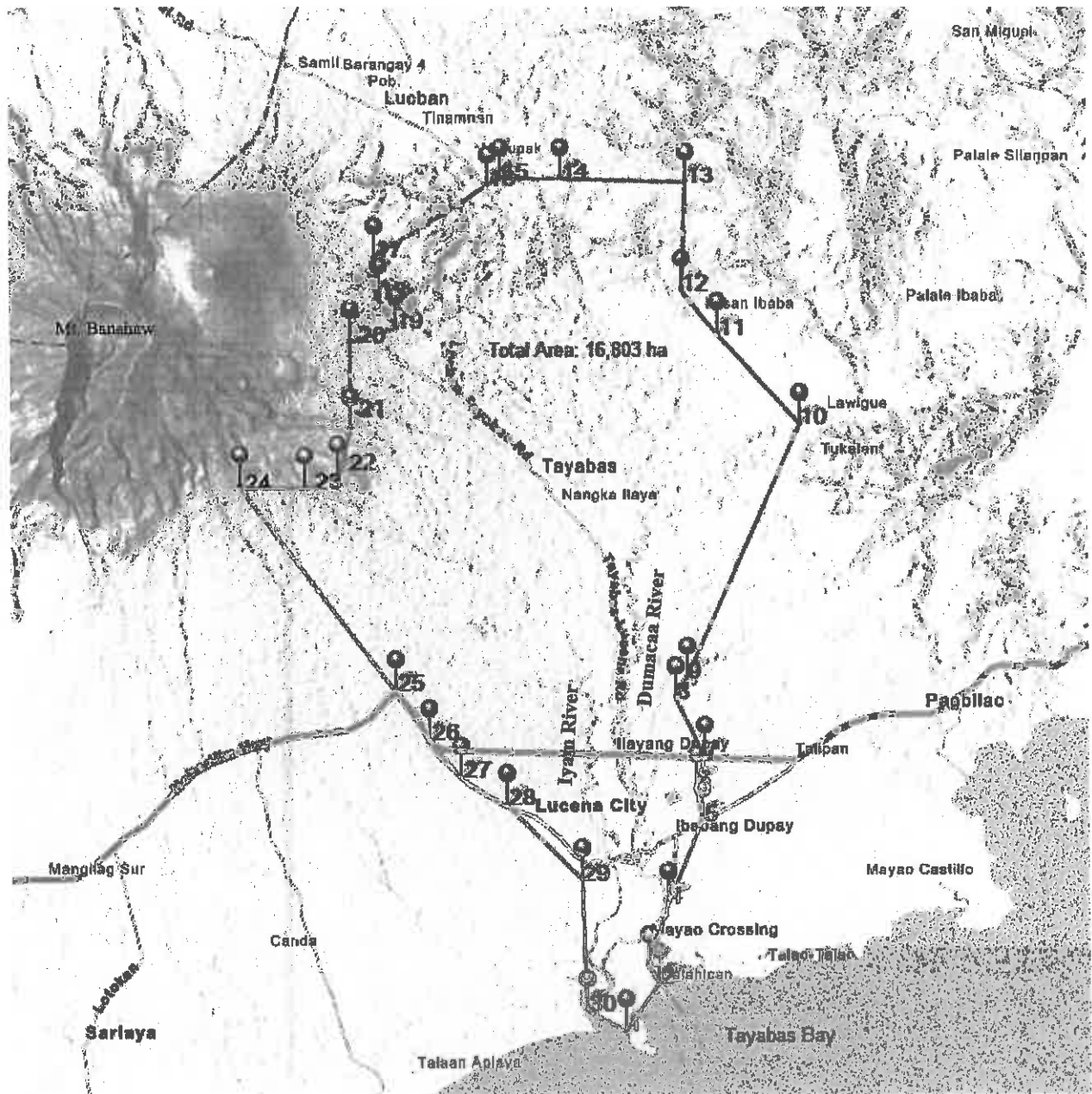
Recommending Approval:


ENGR. METODIOS U. TURISELLA
Director

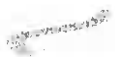





ANNEX A

Iyam-Dumacaa River System Water Quality Management Area



Legend:

-  : River
-  : Boundary Point
-  : Boundary Line
-  : National Road