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DENR Administrative Order No. 2011 - 14
Series of 2011

Subject: Designation of the Sinocalan-Dagupan River System as Water Quality Management Area and Creation of Its Governing Board

Pursuant to Section 5 of the Philippine Clean Water Act of 2004 (R.A. No. 9275) together with the pertinent provisions in its Implementing Rules and Regulations (DENR Administrative Order No. 2005-10) and DENR Memorandum Circular No. 15, series of 2009, and considering the critical importance of complying with water quality guidelines by the Sinocalan-Dagupan River System, the same is hereby designated as a Water Quality Management Area (WQMA).

Section 1. Objective and Policies. To ensure the best water quality in the Sinocalan-Dagupan River System for present and future generations consistent with the following policies:

- a) To streamline the processes and procedures in the prevention, control and abatement of water pollution in the WQMA;
- b) To promote environmental strategies, the use of appropriate economic instruments and control mechanisms for the protection of the WQMA;
- c) 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;
- d) To provide for a comprehensive management program for water pollution control focusing on pollution prevention in the WQMA;
- e) To achieve a water quality level in the Sinocalan-Dagupan River System that will serve the best interest of the communities and stakeholders;
- f) To promote public information and education for stakeholders of the WQMA and encourage the participation of an informed and concerned public in water quality management and monitoring;
- g) To mobilize, encourage and support civil society and other sectors, particularly labor, the academe and businesses undertaking environment-related activities in their efforts to organize, educate and motivate the people in addressing environmental issues and problems in the WQMA;
- h) To promote and harness inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water in the Sinocalan-Dagupan River Systems.

Section 2. Coverage. The Sinocalan-Dagupan River System WQMA shall cover the Sinocalan and Dagupan River Systems and their natural or man-made tributaries that are within



the WQMA boundary including the land embraced by the hydrologic unit identified through various maps. The following data, which were determined by a survey of the highest elevation of various points and draining to the Sinocalan-Dagupan River System, shall comprise the geographic coordinates of the Sinocalan-Dagupan River System WQMA and its watershed:

Boundary Control Point	Latitude	Longitude	Description
1	16 ⁰ 05' 51.5115"	120 ⁰ 21' 55.4263"	Dimlus Beach Resort, BLISS, Bonuan Binloc, Dagupan City
2	16 ⁰ 05' 35.8472"	120 ⁰ 22' 07.3030"	Entrance of Dimlus Beach Resort, Sitio Palatong, Bonuan Binloc, Dagupan City
3	16 ⁰ 05' 54.3400"	120 ⁰ 22' 32.7734"	In front of Cabana Inn, Bonuan Binloc, Dagupan City
4	16 ⁰ 05' 20.8895"	120 ⁰ 23' 29.9291"	Waiting Shed, Brgy. Bantayan, Mangaldan
5	16 ⁰ 04' 33.1831"	120 ⁰ 24' 02.4669"	Across JCM Ent., Rizal St., Mangaldan
6	16 ⁰ 03' 40.0463"	120 ⁰ 24' 18.5331"	Across entrance of Twilight Inn, Prk 6, Brgy. Banaoang, Mangaldan
7	16 ⁰ 02' 42.4862"	120 ⁰ 24' 53.5809"	Boundary Arch, Brgy. Buenlag, Mangaldan
8	16 ⁰ 01' 29.1997"	120 ⁰ 25' 08.6955"	Brgy. Gueguesangen, Sta. Barbara
9	15 ⁰ 59' 53.0389"	120 ⁰ 32' 34.7510"	Camantiles bridge, Urdaneta City
10	16 ⁰ 05' 01.6542"	120 ⁰ 36' 24.5642"	Brgy. Sta. Catalina, Binalonan
11	16 ⁰ 05' 03.8227"	120 ⁰ 36' 56.4523"	Brgy. Sta. Catalina, Binalonan, barangay dumpsite
12	16 ⁰ 04' 42.8005"	120 ⁰ 37' 54.1567"	Brgy La Palo, San Manuel
13	16 ⁰ 03' 28.4824"	120 ⁰ 37' 27.9418"	Brgy. San Felipe Central, Binalonan
14	15 ⁰ 58' 53.0760"	120 ⁰ 37' 45.3673"	Brgy. Bactad East, boundary arch (Urdaneta-Asingan)
15	15 ⁰ 57' 11.5498"	120 ⁰ 35' 54.7508"	Zone 2, Brgy. Consolacion, Urdaneta
16	15 ⁰ 54' 30.0625"	120 ⁰ 28' 59.4775"	Brgy. Lareg-lareg (top of hill), Malasique
17	15 ⁰ 50' 59.1629"	120 ⁰ 26' 51.5860"	Boundary Arch, Malasique-Bayambang
18	15 ⁰ 53' 24.9554"	120 ⁰ 22' 42.0870"	Brgy. Turac, Boundary Arch (San Carlos-Basista)
19	15 ⁰ 50' 54.0744"	120 ⁰ 19' 32.2409"	Brgy. Cawayan Kiling, Boundary Arch (San Carlos-Urbiztondo)
20	15 ⁰ 53' 41.5564"	120 ⁰ 17' 10.6612"	Crossing, Brgy. Apunit, San Carlos City
21	15 ⁰ 56' 09.9095"	120 ⁰ 16' 17.0953"	Brgy. Antipangol, Boundary Arch (San Carlos-Binmaley)
22	15 ⁰ 59' 02.4900"	120 ⁰ 15' 37.8147"	Brgy. Basing, Boundary Arch (Binmaley-Lingayen)
23	16 ⁰ 00' 39.1330"	120 ⁰ 15' 22.8322"	Brgy. Lomboy, Boundary Arch (Binmaley-Lingayen)
24	16 ⁰ 02' 25.7402"	120 ⁰ 15' 06.8695"	Lingayen Beach, Boundary (Binmaley-Lingayen)



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Section 3. Political/Administrative Jurisdiction. As determined by the DENR Region I, the political/ administrative jurisdiction of the Sinocalan-Dagupan River System WQMA encompasses the following areas in the Province of Pangasinan:

Province	City/Municipality	Barangays
Pangasinan	Dagupan City	Bacayao Norte, Bacayao Sur, Barangay I, Barangay II & III, Barangay IV, Bolosan, Bonuan Binloc, Bonuan Boquig, Bonuan Gueset, Calmay, Carael, Caranglaan, Herrero-Perez, Lasip Chico, Lasip Grande, Lomboy, Lucao, Malued, Mamalingling, Manguin, Mayombo, Pantal, Poblacion Oeste, Pogo Chico, Pogo Grande,
		Pugaro Suit, Salapingao, Salisay, Tambac, Tapuac, Tebeng
	Calasiao	Ambonao, Ambuetel, Banaoang, Bued, Buenlag, Cabilocan, Dinalaoan, Doyong, Gabon, Lasip, Longos, Lumbang, Macabito, Malabago, Mancup, Nagsaing, Nalsian, Poblacion East, Poblacion West, Quesban, San Miguel, San Vicente, Songkoy, Talibaew
	Binmaley	Amancoro, Balagan, Balogo, Basing, Baybay Lopez, Baybay Polong, Biec, Buenlag, Calit, Caloocan Norte, Caloocan Sur, Camaley, Canaoalan, Dulag, Dupo, Gayaman, Linoc, Lomboy, Nagpalangan, Malindong, Manat, Naguilayan, Pallas, Papagueyan, Parayao, Poblacion, Pototan, Sabangan, Salapingao, San Isidro Norte, San Isidro Sur, Tombor
	San Carlos City	Bonifacio, Bugallon-Posadas, Burgos-Padlan, Lucban, Mabini, Padilla-Gomez, Palaris, Perez Blvd., Quezon Blvd., Rizal Avenue, Roxas Blvd., San Pedro-Taloy, PNR-Mc Arthur, M. Soriano, Tandang Sora, Abanon, Agdao, Anando, Ano, Antipangol, Aponit, Bacnar, Balaya, Balayong, Baldog, Balite Sur, Balococ, Bani, Bega, Bocboc, Bogaoan, Bolingit, Bolosan, Buenglat, Cacaritan, Caingal, Calobaoan, Calomboyan, Capataan, Caoayan-Kiling, Cobol, Coliling, Cruz, Doyong, Gamata, Guelew, Ilang, Inerangan, Isla, Libas, Lilimasan, Longos, Mabalbalino, Magtaking, Malacañang, Maliwara, Mamarlao, Manzon, Matagdem, Mestizo Norte, Naguilayan, Nelintap, Pagal, Palaming, Palospos, Pangalangan, Pangoloan, Pangpang, Paitan-Panoypoy, Parayao, Payapa, Payar, Polo, Quintong, Salinap, San Juan, Sapinit, Supo, Talang, Tamayo, Tandoc, Tarece, Tarectec, Tayambani, Tebag, Turac
	Malasiqui	Abonagan, Agdao, Alacan, Aliaga, Amacalan, Anolid, Apaya, Asin East, Asin West, Bacundao East, Bacundao West, Bakitiw, Balite, Banaoang, Barang, Bawer, Binalay, Bobon, Balaoit, Bongar, Butao, Cabatling, Cabueldatan, Cabueg, Canan Norte, Canan Sur, Cawayan Bogtong, Don Pedro, Gatang, Goliman, Gomez, Guiling, Ican, Ingala-gala, Lareg-Lareg, Lasip, Lepa, Lokeb Este, Lokeb Norte, Lokeb Sur, Lunec, Mabulitec, Malimpec, Mangan-Dampay, Nalsian e, Norte, Nalsian sur, Nancapian, Nansangaan, Oleam Pacuan,



		Palapar Norte, Palapar Sur, Palong, Pamaranum, Pasima, Payar, Poblacion, Polong Nort Polong Sur, Potiocan, San Julian, Tabo-Sili, Talospatang, Taloy, Taloyan, Tambac, Tobor, Tolonguat, Tomling, Umando, Viado, Waig, Warey
	Mangaldan	Banaoang, Bari, Guilig, Malabago, Poblacion, Salay, Tebag, Alitaya, Amansabina, Anolid, Bantayan, Buenlag, David, Gueguesangen, Lanas, Maasin, Talogtog
	Sta. Barbara	Alibago, Balingueo, Banaoang, Banzal, Botao, Cablong, Carusocan, Dalongue, Erfe, Gueguesangen, Leet, Malanay, Maningding, Maronong, Maticmatic, Minien East, Minien West, Nilombot, Patayac, Payas, Poblacion Norte, Poblacion Sur, Sapang, Sonquil, Tebag East, Tebag West, Tuliao, Ventinilla (Ventinillia East), Primicias (Ventinilla West)
	Urdaneta City	Anonas, Bayaoas, Camanang, Camantiles, Catablan, Dilan-Paurido, Mabanogbog, Nancamaliran East, Nancamaliran West, Nancayasan, Poblacion, Pinmaludpod, San Jose, San Vicente, Bactad East, Bactad Proper, Boladen, Cabaruan, Cabuloan, Casantaan, Cayambanan, Consolacion, Labit Proper, Labit West, Macalong, Nancalobasaan, Oltama, Palina West, Palina East, Sta. Lucia, Sto Domingo, Sugcong, Tipuso, Tulong
	Binalonan	Poblacion, Balangobong, Capas, Mangcasuy, Moreno, Pasileng Norte, Pasileng Sur, San Felipe Central, San Felipe Sur, San Pablo, Sta. Catalina, Sta. Maria Norte, Sto. Nino, Sumabnit, Bued, Camangaan

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

- a) Representative of the National Water Resources Board (NWRB)
- b) Representative of the Governor, Province of Pangasinan
- c) Representative of the Chairman, Regional Development Council, Region I
- d) The Mayors of the following Cities/Municipalities or their duly authorized representatives:
 - 1) Dagupan City
 - 2) Urdaneta City
 - 3) San Carlos City
 - 4) Municipality of Calasiao, Pangasinan
 - 5) Municipality of Mangaldan, Pangasinan
 - 6) Municipality of Sta. Barbara, Pangasinan
 - 7) Municipality of Malasiqui, Pangasinan
 - 8) Municipality of Binalonan, Pangasinan
 - 9) Municipality of Binmaley, Pangasinan
- e) Representative of the following Regional Offices in Region I:
 - 1) Department of Agriculture
 - 2) Department of Public Works and Highways
 - 3) Department of Health
 - 4) Department of Education
 - 5) Department of Science and Technology



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES



SENRO31867

- 6) Department of Trade and Industry
 - 7) National Economic Development Authority
 - 8) Bureau of Fisheries and Aquatic Resources
 - 9) National Irrigation Administration
 - 10) Housing and Land Use Regulatory Board
- f) Area Representative of the following sectors:
- 1) Business/ Industry
 - 2) Water Utility (2 representatives)
 - 3) Duly registered Non-Government Organizations/Local Peoples' Organizations/Civil Societies involved in natural resource management or environmental concerns
 - 4) Academe
- g) Representative of the Fisheries and Aquatic Resources Management Council/s.

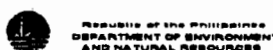
The terms, vacancy and compensation of the Governing Board shall be governed by DAO 2005-10. The Local Chief Executives and Head of Offices may appoint/authorize representatives to the Board, provided that he/she shall be able to make commitments; Provided, further that the LGU representative in another WQMA shall also serve as its representative in the Sinocalan-Dagupan River System WQMA.

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

The water utilities sector shall be entitled to two representatives considering their role/responsibilities in water quality management and the size of WQMA.

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

- a) Prepare and publish on a regular basis a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB Region I and EMB Central Office for consolidation into the National Water Quality Status Report;
- b) Formulate strategies to harmonize policies/ regulations / local legislation necessary for the effective implementation of R.A. No. 9275 in accordance with those established in the Integrated Water Quality Management Framework;
- c) Review the initial WQMA Action Plan prepared by the EMB Region I 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 Regional Office I for review and for subsequent approval by the DENR Secretary;
- d) Together with the EMB Regional Office I, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan;
- e) Monitor and facilitate the compliance of LGU with the WQMA Action Plan;
- f) Coordinate relevant activities among its members and member agencies and facilitate resolution of conflicts;
- g) Undertake complementary interventions for non-point sources, considering their greater contribution to pollution; and



SENRO31867

- h) 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 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 Region I.

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.

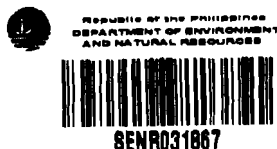
Section 10. Re-adjustment of Boundaries, Re-designation of WQMA and Reconstitution of Membership. The re-adjustment of the boundaries of WQMA may be undertaken only after the required technical studies and consultations with the Local Government Units (LGUs) concerned are conducted. In the event that re-designation of WQMA becomes necessary, said re-designation shall likewise be based on the proposal, and aforesaid technical studies and consultations. The reconstitution of membership and representations in the Governing Board shall also follow the same process.

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 fifteen (15) days after its registration with the Office of the National Administrative Registry. (ONAR.)


RAMON J.P. PAJE
Secretary



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