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24 JAN 2013

DENR Administrative Order

No. 2013- 05

Subject: **Designation of the Balili 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 (Implementing Rules and Regulations of RA 9275) and DENR Memorandum Circular 2009-15 which adopts the Procedural Manual for the Designation of Water Quality Management Areas, and considering its critical importance to Baguio City and the towns of La Trinidad and Sablan in Benguet and its communities, the **Balili 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. Pursuant to this policy statement, this Order aims at protecting and improving the water quality of the Balili River to make it a sustaining resource for the people of Baguio City, La Trinidad and Sablan, consistent with the following water quality management objectives:

- a) To improve the water quality of Balili River and thereby contribute to the enhancement of Baguio City and its neighbor communities, La Trinidad and Sablan in Benguet Province as major tourism destinations and serve the best interest of the communities and 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 businesses undertaking environment-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 civil society organizations like the Save the Balili River Coalition;
- e) To promote inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water in the Balili River system; and
- f) To harness locally available resources to support rehabilitation and protection efforts for the Balili River.

Section 2. Coverage. The Balili River 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 following control points which were determined by a survey of the highest elevation of various areas draining to the Balili River shall comprise the geographic coordinates of the Balili River WQMA and its watershed:

Let's Go Green



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Boundary Control Point	LGU with Jurisdiction	Latitude	Longitude
Baguio City			
1	Bdry. of the Mun. of La Trinidad and Baguio City	16°25' 48.70"	120°37' 12.87"
2	Bdry. of the Mun. of La Trinidad and Baguio City	16°25' 48.70"	120°37' 14.33"
3	Peak near BBM 311, CAD 1216	16°25' 32.64"	120°37' 14.18"
4	Good Shepherd View Deck	16°25' 25.32"	120°37' 29.29"
5	Gibraltar Road	16°25' 09.17"	120°37' 31.92"
6	Junction of C. Arellano and Moran Street	16°25' 06.72"	120°37' 18.41"
7	Junction of Romulo Drive and J. Felipe Street	16°24' 57.05"	120°37' 16.45"
8	Junction of Romulo Drive and Ignacio Villamor Street	16°24' 55.01"	120°36' 59.87"
9	Pacdal Circle	16°25' 04.60"	120°36' 50.15"
10	Junction of Country Club and Pedro Paterno Road	16°24' 38.76"	120°36' 51.52"
11	Point along Pedro Paterno Street	16°24' 40.73"	120°36' 40.39"
12	Point along Pedro Paterno Street	16°24' 44.36"	120°36' 37.83"
13	Point along South Drive	16°24' 44.26"	120°36' 34.44"
14	Point along South Drive	16°24' 37.82"	120°36' 34.56"
15	Point along South Drive	16°24' 31.98"	120°36' 28.17"
16	Point along South Drive	16°24' 35.19"	120°36' 24.89"
17	Point along South Drive	16°24' 34.07"	120°36' 17.74"
18	Point along South Drive	16°24' 28.92"	120°36' 13.57"
19	Point along South Drive	16°24' 23.45"	120°36' 16.82"
20	Junction of South Drive and Upper Session Road	16°24' 19.68"	120°36' 15.80"
21	Junction of road fronting UP Oblation	16°24' 24.22"	120°35' 52.13"
22	Gov. Pack Road	16°24' 22.62"	120°35' 47.05"
23	Junction of Gov. Pack and Government Center Road	16°24' 23.04"	120°35' 43.78"
24	Junction of Gov. Pack and Marcos Highway	16°24' 20.38"	120°35' 40.86"
25	BGH Rotonda	16°24' 14.60"	120°35' 40.12"
26	Point along Worcester Road	16°24' 08.66"	120°35' 42.54"
27	Point along Worcester Road	16°24' 06.03"	120°35' 36.69"
28	Point along Worcester Road	16°24' 05.84"	120°35' 34.55"
29	Point along Worcester Road	16°24' 07.99"	120°35' 29.73"
30	Junction of Legarda and Marcos Highway	16°24' 11.33"	120°35' 32.38"
31	Point along Legarda Road	16°24' 14.52"	120°35' 33.38"
32	Junction of Legarda Road and Dr. Carino Street	16°24' 20.36"	120°35' 29.57"
33	Point along Legarda Road	16°24' 23.91"	120°35' 31.37"
34	Junction of Legarda and City Camp Road	16°24' 46.81"	120°35' 20.99"
35	Junction of Naguillan Road and Yandoc Street	16°24' 59.09"	120°35' 21.88"
36	Junction of Naguillan and Bokawkan Road	16°25' 01.44"	120°35' 16.24"
37	Point along Escoda Road	16°24' 55.15"	120°35' 03.91"
38	Junction of Quezon Hill Road 1 and Ponce Street	16°24' 55.31"	120°34' 57.67"
39	Junction of Quezon Hill Road 2 and Mallare Street	16°25' 03.56"	120°34' 35.61"

40	Junction of Lt. Tacay and Upper Quezon Hill Road	16°25' 21.65"	120°34' 30.00"
41	Junction of Lt. Tacay and an unnamed Road	16°25' 24.45"	120°34' 33.94"
42	Junction of Longlong Road and feeder	16°25' 45.98"	120°34' 29.25"
43	Junction of Longlong Road and feeder	16°25' 55.77"	120°34' 34.06"
44	Bdry. of the Mun. of La Trinidad and Baguio City	16°26' 03.33"	120°34' 27.09"
45	Bdry. of the Mun. of La Trinidad and Baguio City	16°26' 02.55"	120°34' 39.25"
46	Bdry. of the Mun. of La Trinidad and Baguio City	16°26' 01.70"	120°34' 52.32"
47	Bdry. of the Mun. of La Trinidad and Baguio City	16°26' 00.32"	120°35' 54.04"
48	Bdry. of the Mun. of La Trinidad and Baguio City	16°25' 48.70"	120°37' 12.87"
La Trinidad			
1	Bdry. of the Mun. of Sablan, La Trinidad and Tublay	16°30'37.59"	120°33'51.21"
2	Bdry. of the Mun. of Sablan, La Trinidad and Tublay	16°30'34.05"	120°33'59.57"
3	Bdry. of the Mun. of La Trinidad and Tublay, Benguet	16°30'18.84"	120°34'44.30"
4	Junction of Alno-Asin Road and an unnamed road	16°29'11.37"	120°35'21.82"
5	Junction of Alno and Pangablan road	16°29'18.06"	120°35'36.49"
6	Point along Alno Road	16°29'14.60"	120°35'43.19"
7	Point along Alno Road	16°29'05.20"	120°35'48.28"
8	Junction of Alno and Alapang-Sadag Road	16°28'26.36"	120°35'53.33"
9	Junction of Alno road and Halsema highway	16°28'06.67"	120°35'35.35"
10	Point along Shilan-Bekkel Road	16°27'20.78"	120°36'26.19"
11	Point along Shilan-Bekkel Road	16°27'28.78"	120°36'51.92"
12	Point along Shilan-Bekkel Road	16°26'56.84"	120°37'03.23"
13	Point along Shilan-Bekkel Road	16°26'21.58"	120°37'26.43"
14	Point along Ambuklao Road	16°25'58.53"	120°37'14.42"
15	Bdry. of the Mun. of La Trinidad and Baguio City	16°25'48.70"	120°37'14.33"
16	Bdry. of the Mun. of La Trinidad and Baguio City	16°25'48.70"	120°37'12.87"
17	Bdry. of the Mun. of La Trinidad and Baguio City	16°26'00.32"	120°35'54.04"
18	Bdry. of the Mun. of La Trinidad and Baguio City	16°26'01.70"	120°34'52.32"
19	Bdry. of the Mun. of La Trinidad and Baguio City	16°26'02.55"	120°34'39.25"
20	Bdry. of the Mun. of La Trinidad and Baguio City	16°26'03.33"	120°34'27.09"
21	Junction of Longlong Road and feeder	16°26'08.89"	120°34'21.95"
22	Junction of Pico-Lamtang road and a Private road	16°26'46.29"	120°34'06.21"
23	Junction of Longlong and Pico-Lamtang Road	16°26'37.58"	120°33'51.64"
24	Point along Pico-Lamtang Road	16°26'49.57"	120°33'36.19"
25	Point along Pico-Lamtang Road	16°27'17.36"	120°33'06.64"
26	Bdry. of the Mun. of La Trinidad and Tublay	16°27'01.66"	120°32'29.30"
27	Bdry. of the Mun. of La Trinidad and Tublay	16°27'25.73"	120°32'25.52"

28	Bdry. of the Mun. of La Trinidad and Tublay	16°28'04.25"	120°32'37.10"
29	Bdry. of the Mun. of La Trinidad and Tublay	16°28'28.78"	120°32'50.82"
30	Bdry. of the Mun. of La Trinidad and Tublay	16°28'57.78"	120°33'07.03"
31	Bdry. of the Mun. of La Trinidad and Tublay	16°29'42.64"	120°33'32.11"
Sablan			
1	Boundary of the Mun. of Sablan, Kapangan and Burgos, La Union	16°34' 22.02"	120°31' 13.91"
2	Boundary of the Mun. of Sablan and Kapangan	16°33' 57.58"	120°31' 20.40"
3	Boundary of the Mun. of Sablan, Kapangan and Tublay	16°32' 40.33"	120°33' 36.36"
4	Boundary of the Mun. of Sablan, La Trinidad and Tublay	16°30' 37.59"	120°33' 51.21"
5	Boundary of the Mun. of Sablan and La Trinidad	16°29' 42.64"	120°33' 32.11"
6	Boundary of the Mun. of Sablan and La Trinidad	16°28' 57.78"	120°33' 07.03"
7	Boundary of the Mun. of Sablan and La Trinidad	16°28' 28.78"	120°32' 50.82"
8	Boundary of the Mun. of Sablan and La Trinidad	16°28' 04.25"	120°32' 37.10"
9	Boundary of the Mun. of Sablan and La Trinidad	16°27' 25.73"	120°32' 25.52"
10	Boundary of the Mun. of Sablan and La Trinidad	16°27' 01.66"	120°32' 29.30"
11	Junction of Naguillan and Lexber Road	16°26' 47.40"	120°31' 55.39"
12	Point along Naguillan Road	16°27' 24.84"	120°31' 25.74"
13	Point along Naguillan Road	16°27' 33.36"	120°31' 18.84"
14	Point along Naguillan Road	16°28' 13.97"	120°31' 12.55"
15	Point along Naguillan Road	16°28' 26.15"	120°31' 16.63"
16	Point along Naguillan Road	16°28' 39.38"	120°31' 13.88"
17	Point along Mountain Ridge following Naguillan Road	16°28' 44.34"	120°31' 01.48"
18	Point along Mountain Ridge following Naguillan Road	16°28' 54.58"	120°30' 55.00"
19	Point along Kamog Road	16°28' 55.56"	120°30' 47.06"
20	Sablan National High School	16°29' 07.94"	120°30' 39.73"
21	Point along Naguillan Road	16°28' 56.17"	120°30' 14.90"
22	Point along Naguillan Road	16°28' 47.10"	120°30' 10.73"
23	Point along Naguillan Road	16°28' 47.19"	120°29' 53.39"
24	Point along Naguillan Road	16°29' 21.11"	120°29' 46.71"
25	Point along Naguillan Road	16°29' 25.43"	120°29' 43.70"
26	Point along Naguillan Road	16°29' 36.30"	120°29' 14.99"
27	Sablan Municipal POPCOM Office	16°29' 57.64"	120°29' 06.07"
28	Boundary of the Mun. of Sablan, Benguet and Burgos, La Union	16°33' 25.24"	120°30' 28.57"
29	Boundary of the Mun. of Sablan, Benguet and Burgos, La Union	16°33' 47.08"	120°30' 45.89"

Section 3. Political/Administrative Jurisdiction. As determined by the DENR/EMB Cordillera Administrative Region (CAR), the political/ administrative jurisdiction of the Balili River WQMA encompasses the following areas:

City/Municipality	Barangays
Baguio City	1. Bonfacio-Cagioa-Rimando
	2. Alfonso Tabora
	3. Ambiong
	4. Andres Bonifacio (Lower Bokawkan)
	5. Aurora Hill Proper
	6. Aurora Hill (N. Central)
	7. Aurora Hill (S. Central)
	8. Abanao-Zandueta-Chugum-Kayang-Otek (AZCKO)
	9. Bal-Marcoville
	10. Bayan Park Village
	11. Bayan Park West (Leonora Hill)
	12. Bayan Park East
	13. BGH Compound
	14. Brookside
	15. Brookspoint
	16. Cabinet Hill- Teachers Camp
	17. Camdas Subdivision
	18. Camp Allen
	19. Campo Filipino
	20. Country Club Village
	21. Cresencia Village
	22. Dizon Subdivision
	23. DPS
	24. Engineers' Hill
	25. Fairview Village
	26. General Luna, Lower
	27. General Luna Upper
	28. Gibraltar
	29. Guisad Central
	30. Guisad Surong
	31. Happy Homes (old Lucban)
	32. Harrison-Claudio-Carantes
	33. Holy Ghost Extension
	34. Holy Ghost Proper
	35. Honeymoon-Holy Ghost
	36. Imelda R. Marcos (La Salle)
	37. Imelda Village
	38. Kabayanihan
	39. Kagitingan
	40. Kayang Extension
	41. Kayang-Hiltop
	42. Legarda-Burnham-Guisad
	43. Lopez Jaena
	44. Lualhati
	45. Magsaysay-Private Road
	46. Magsaysay Lower
	47. Magsaysay Upper
	48. Malcolm Square-Perfecto
	49. M. Roxas (Teachers Camp)
	50. Market Subdivision, Upper
	51. Modern site, East
	52. Modern site, West
	53. New Lucban

Baguio City	54. Outlook Drive
	55. Pacdal
	56. Padre Burgos
	57. Padre Zamora
	58. Phil-Am
	59. Pinget
	60. Pinsao Pilot Project
	61. Pinsao Proper
	62. Quirino Hill, Lower
	63. Quirino Hill, Middle
	64. Quirino Hill, West
	65. Quirino Hill, East
	66. Rizal Monument
	67. Saint Joseph Village/Navy Base
	68. Salud Mitra
	69. San Antonio Village
	70. Sanitary Camp North
	71. Sanitary Camp South
	72. Session Road-Gov. Pact
	73. Sto. Nino-Slaughter
	74. South Drive
	75. Teodoro Alonzo
	76. Trancoville
La Trinidad	1. Alapang
La Trinidad	2. Alno
	3. Ambiong
	4. Balili
	5. Betag
	6. Bineng
	7. Cruz
	8. Lubas
	9. Pico
	10. Poblacion
	11. Puguis
	12. Tawang
	13. Wangal
Sablan	1. Bagong
	2. Balluay
	3. Banangan
	4. Banengbeng
	5. Kamog
	6. Pappa
	7. Poblacion

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

- Representative from the National Water Resources Board (NWRB)
- Representative from the Office of the Governor, Province of Benguet
- Representative from the Office of the Chair, Regional Development Council, CAR
- The Mayors of the following City/Municipalities or their duly authorized representatives:
 - Baguio City;
 - Municipality of La Trinidad, Benguet;

- c. Municipality of Sablan, Benguet.
5. Liga ng mga Punong Barangay President of Baguio City
6. Liga ng mga Punong Barangay President of La Trinidad, Benguet
7. Liga ng mga Punong Barangay President of Sablan, Benguet
8. Regional Directors or duly authorized representative from the following Regional Offices in CAR
 - a. Department of Agriculture;
 - b. Department of Public Works and Highways;
 - c. Department of Health;
 - d. Department of Education;
 - e. Department of Science and Technology;
 - f. Department of Trade and Industry;
 - g. Department of Tourism;
 - h. National Economic and Development Authority;
 - i. Housing and Land Use Regulatory Board;
 - j. Philippine Information Agency;
9. Representative from the following sectors:
 - a. Business/ Industry;
 - b. Water Utility (one representative);
 - c. Duly registered Non-Government Organizations/Local Peoples' Organizations/Civil Society involved in Natural Resource Management or Environmental Concerns;
 - d. Academe;
10. Balili River System Revitalization Coalition, to be nominated through an official action of the Coalition;
11. Benguet State University – In addition to the representative of the academe in item 9-d above, the Benguet State University is assigned permanent membership in the Governing Board due to its government-supported research and extension program that is aligned to the Philippine Development Plan 2011-2016 particularly in protecting the environment and saving biodiversity for sustainable development.

The terms, vacancy and compensation of the Governing Board shall be governed by DAO 2005-10. The Local Chief Executives and Heads 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 Balili River 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 DENR Administrative Order No. 2005-10.

Section 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 CAR 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 CAR, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan and in drafting local legislation to protect the Balili River 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 R.A. 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 the Balili River;
- j) Prepare and publish on a regular basis, a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB CAR 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
- m) 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 standing 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 create a Technical Secretariat of the WQMA which shall be based at the EMB CAR.

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 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.

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 of this Order may be undertaken only after 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 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 hereof by the Office of the National Administrative Register (ONAR).


RAMON O.P. PAJE
Secretary

