



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel Nos. (632) 929-66-26 to 29 • (632) 929-62-52
929-66-20 • 929-66-33 to 35
929-70-41 to 43

DEC 29 2006

DENR Administrative Order

No. 2006- 18

Subject: Designation of the Tigum-Aganan Watershed 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) and its Implementing Rules and Regulations (DENR Administrative Order No. 2005-10), the Tigum-Aganan Watershed is hereby designated as Water Quality Management Area (WQMA).

Section 1. Objective. This Administrative Order is issued to effectively implement Section 5 of the Philippine Clean Water Act of 2004 and its Implementing Rules and Regulations, and in order to carry out the national policy of ensuring the attainment of water quality that is conducive for present and future generation of Filipinos.

Section 2. Basic policies. The following basic policies were considered in the designation of the Tigum-Aganan WQMA:

- a) To streamline processes and procedures in the prevention, control and abatement of pollution of the watershed's water resources;
- b) To promote environmental strategies, use of appropriate economic instruments and of control mechanisms for the protection of water resources;
- c) To formulate a national program of water quality management that recognizes that water quality management issues cannot be separated from concerns about water sources and ecological protection, water supply, public health and quality of life;
- d) To provide for a comprehensive management program for water pollution focusing on pollution prevention;
- e) To promote public information and education and to encourage the participation of an informed and active public in water quality management and monitoring; and

R

- f) To encourage civil society and other sectors, particularly labor, the academe and business undertaking environment-related activities in their efforts to organize, educate and motivate the people in addressing pertinent environmental issues and problems at the local level.

Section 3. Coverage. The Tigum-Aganan WQMA shall be comprised of the watershed covering the following barangays in the identified municipalities of the Province of Iloilo and Iloilo City:

Barangays comprising the Tigum-Aganan WQMA		
1. Alimodian	51 Barangays	
	1. Poblacion 2. Abang-abang 3. Agsing 4. Atabay 5. Bagsakan 6. Baguingin-Lanot 7. Bagumbayan-Ilajas 8. Balabago 9. Ban-ag 10. Bancal 11. Ba-ong 12. Binalod 13. Bugang 14. Buhay 15. Bulod 16. Cabacanan-Proper 17. Cabacanan-Rizal 18. Cagay 19. Coline 20. Coline Dalag 21. Cunsad 22. Cuyad 23. Dalid 24. Dao 25. Gines 26. Ginomoy 27. Ingwan	28. Laylayan 29. Lico 30. Lun-luan 31. Malamboy-Bondolan 32. Malamhay 33. Mambabwi 34. Manasa 35. Manduyog 36. Pajo 37. Pianda-an Norte 38. Pianda-an Sur 39. Punong 40. Quinaspan 41. Sinamay 42. Sulong 43. Taban-Manguining 44. Tabug 45. Tarug 46. Tugaslón 47. Ulay-Bugang 48. Ubodan 49. Ugbo 50. Ulay-Hinablan 51. Umingan
2. Maasin	49 Barangays	
	1. Abay 2. Abilay 3. Amerang 4. Aguinaldo-Roxas 5. Bagacay East 6. Bagacay West	26. Magsaysay 27. Mandog 28. Miapa 29. Nagba 30. Nasaka 31. Naslo-Buzao

	7. Bolo 8. Bug-ot 9. Bulay 10. Buntalan 11. Burak 12. Cabangcalan 13. Cabatac 14. Caigon 15. Cananghan 16. Dagami 17. Daja 18. Dalusan 19. Delgado- Cartagena 20. Inabasan 21. Layog 22. Linab 23. Linagan Calsada 24. Linagan Tacas 25. Mabini-Rizal	32. Nasuli 33. Panalian 34. Pianda-an East 35. Pianda-an West 36. Pispis 37. Punong 38. Sta. Rita 39. Sinubsuban 40. Siwalo 41. Subog 42. Taft Hughes- Thompson -del Pilar 43. Tigbauan 44. Trangka 45. Tubang 46. Tulahong 47. Tuy-an East 48. Tuy-an West 49. Ubian
3. Sta. Barbara	50 Barangays	
	1. Zone I 2. Zone II 3. Zone III 4. Zone IV 5. Zone V 6. Zone VI 7. Agusipan 8. Agutayan 9. Bagumbayan 10. Balabag 11. Balibagan Este 12. Balibagan Oeste 13. Ban-ag 14. Barasan Este 15. Barasan Oeste 16. Bolong Este 17. Bolng Oeste 18. Buyahon 19. Buyo 20. Cabugao Norte 21. Cabugao Sur 22. Cadagmayan Norte 23. Cadagmayan Sur 24. Café 25. Calaboa Oeste	27. Canipayan 28. Dalid 29. Duyan-duyan 30. Gen. Martin Delgado 31. Guno 32. Inangayan 33. Jibao-an 34. Lacadon 35. Lanag 36. Lupa 37. Malawog 38. Manhayang 39. Miraga Guibuangan 40. Nasugban 41. Pal-agon 42. Pungsod 43. Sangcate 44. San Sebastian 45. Tagsing 46. Talanghauan 47. Talongadian 48. Tigtig 49. Tugas 50. Tungay

MR

	26. Camambugan	
4. Pavia	18 Barangays	
	1. Purok I 2. Purok II 3. Purok III 4. Purok IV 5. Aganan 6. Amparo 7. Anilao 8. Balabag 9. Cabugao Norte 10. Cabugao Sur	11. Jibao-an 12. Maliao 13. Pagsanga-an 14. Pal-agon 15. Pandac 16. Tigum 17. Ungka I 18. Ungka II
5. San Miguel	24 Barangays	
	1. Brgy. 1 2. Brgy. 2 3. Brgy. 3 4. Brgy. 4 5. Brgy. 5 6. Brgy. 6 7. Brgy. 7 8. Brgy. 8 9. Brgy. 9 10. Brgy. 10 11. Brgy. 11 12. Brgy. 12	13. Brgy. 13 14. Brgy. 14 15. Brgy. 15 16. Brgy. 16 17. San Jose 18. Sta. Teresa 19. Sto. Niño 20. Consolacion 21. Sta. Cruz 22. Sto. Angel 23. San Antonio 24. Igtambo
6. Cabatuan	68 Barangays	
	1. Acao 2. Amerang 3. Amurao 4. Anuang 5. Ayaman 6. Ayong 7. Bacan 8. Balabag 9. Baluyan 10. Banguit 11. Bulay 12. Cadoldolan 13. Cagban 14. Calawagan 15. Calayo 16. Duyan-Duyan 17. Gaub 18. Gines Interior 19. Gines Patag 20. Guibuangan	35. Lutac 36. Manguna 37. Maraguit 38. Morobuan 39. Pacatin 40. Pagotpot 41. Pamul-ogan 42. Pamuringao Garrido 43. Pamuringao Proper 44. Pungtod 45. Puyas 46. Salacay 47. Sulanga 48. Tabucan 49. Tacdangan 50. Talanghuan 51. Tigbauan Road 52. Tinio-an

	Tigbauan 21.Inabasan 22.Inaca 23.Inaladan 24.Ingas 25.Ito Norte 26.Ito Sur 27.Janipaan Central 28.Janipaan Este 29.Janipaan Oeste 30.Janipaan Olo 31.Jelicuon Lusaya 32.Jelicuon Montinola 33.Lag-an 34.Leong	53.Tiring 54.Tupol Central 55.Tupol Este 56.Tupol Oeste 57.Tuy-an 58.Zone I 59.Zone II 60.Zone 3 61.Zone 4 62.Zone 5 63.Zone 6 64.Zone 7 65.Zone 8 66.Zone 9 67.Zone 10 68. Zone 11
7. Leon	9 Barangays	
	1. Bucari 2. Camandag 3. Bobon 4. Bulwang 5. Bacolod	6. Maliao 7. Cabunga-an 8. Cabolo-an 9. Lampaya
8. Oton	17 Barangays	
	1. Alibay Norte 2. Alibay Sur 3. Bita Norte 4. Bita Sur 5. Buray 6. Caboloan Norte 7. Caboloan Sur 8. Cagbang 9. Lambuyao 10.Mambog	11.Pakiad 12.Pulo Maestra Vita 13.Sta. Rita 14.Sta. Monica 15.Tagbac Norte 16.Tagbac Sur 17.Tuburan
9. Iloilo City	All Barangays	

Section 4. Revisions/Review of the Coverage of the WQMA and Representation in the Board. The DENR, upon consultation with concerned stakeholders, may review, revise, or readjust the boundaries of the designated WQMA and representation in the Governing Board, as may be necessary, following the procedure in DAO 2005-10 and other policies that may be subsequently promulgated.

AP

Section 5. Designation of the Governing Board. The following are hereby designated as members of the Board:

1. The Regional Executive Director (RED) of DENR Region VI, Chairman;
2. The Regional Director of Department of Agriculture Region VI or his Representative;
3. The Regional Director of Department of Public Works and Highways Region VI or his Representative;
4. The Regional Director of Department of Health Region VI or his Representative;
5. The Regional Director of Philippine National Police Region VI or his Representative;
6. Governor of the Province of Iloilo or his Representative;
7. Mayor of the Municipality of Maasin or his Representative;
8. Mayor of the Municipality of Alimodian or his Representative;
9. Mayor of the Municipality of Leon or his Representative;
10. Mayor of the Municipality of Cabatuan or his Representative;
11. Mayor of the Municipality of San Miguel or his Representative;
12. Mayor of the Municipality of Sta. Barbara or his Representative;
13. Mayor of the Municipality of Pavia or his Representative;
14. Mayor of the Municipality of Oton or his Representative;
15. Mayor of the City of Iloilo or his Representative;
16. Representative of the Protected Area Management Board (PAMB) of the Maasin Forest Reserve (other than the DENR RED);
17. Representative from the academe;
18. Representative from the Iloilo Business Club;
19. Representative from Metro Iloilo Water District;
20. Representative from a local people's organization involved in natural resource management or environmental concerns;
21. Representative from a non-government organization involved in environmental concerns.

The RED shall be accountable for the efficient operations of the Tigum-Aganan WQMA. However, the Governing Board may elect a co-chair or alternate chair from among the member local chief executives to preside over regular meetings and act as chief executive officer responsible for its day-to-day concerns. The Governing Board, through the Governing Rules as provided in Section 7 hereof, may also create an Executive Committee with such limited powers as the rules may provide.

The term, vacancy and compensation of the members of the Governing Board shall be governed by DAO 2005-10. Representatives from the business sector, people's organization and non-government organization shall be designated in accordance with the procedure and requirements laid down therein. Provided that, for the first six (6) months from designation of this WQMA, the representatives from the following organizations presently sitting in the Tigum-Aganan River Board shall also sit in the Governing Board of the WQMA until replaced by their qualified successors: (a) Sta. Barbara River Federation of Irrigators' Association, Inc.; (b) Central Philippines University; (c) KAPAWA, Maasin; and (d) Kahublagan sang Panimalay Foundation.

Section 6. Functions of the Governing Board. The following shall be the functions of the Governing Board:

- a) Prepare and publish on a regular basis a Water Quality Status Report for the WQMA and submit a copy to the Department for consolidation into the National Water Quality Status Report;
- b) Formulate strategies to coordinate policies/regulations/ local legislation necessary for the effective implementation of the Act in accordance with those established in the Integrated Water Quality Management Framework;
- c) Review the initial WQMA Action Plan prepared by the Department and a common and integrated compliance plan. Thereafter, prepare and adopt an Action Plan for succeeding periods for submission to the Department;
- d) Monitor and facilitate the compliance of local governments with the WQMA Action Plan;
- e) Conduct/validate water resources availability and quality for surface and groundwater within the watershed to establish a baseline data that will serve as basis for monitoring and evaluation;
- 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;
- h) Manage the Area Water Quality Management Fund and maintain a bank account for the Fund; and

- i) By joint resolutions with other bodies created by other laws, coordinate their functions and activities.

Section 7. Governing Rules. The Governing Board shall formulate its own Governing Rules, which shall be submitted to the Department, through the Regional Office, for comment to advise the Governing Board of possible conflict in policies and laws of national application.

Section 8. Meetings. The Governing Board shall meet quarterly or more often, as may be provided in its Governing Rules.

Section 9. Technical Working Group and Technical Secretariat. The Governing Board, through the governing rules, may form a Technical Working Group (TWG) to ensure broad-based participation and provision of relevant technical inputs. In addition to any regular member(s) of the Governing Board, the technical working group shall consist of designated representatives of the following national agencies: NWRB, PIA, NEDA, DOST, DAR, DTI, NIA, and DepEd. The TWG may convene small groups of relevant members to discuss specific issues referred by the Governing Board. The TWG shall prepare an issue brief together with its recommendations to address the issue referred, for the consideration of the Governing Board.

The Technical Secretariat of the WQMA shall be the DENR – Regional Office VI. The DENR may draw from the expertise of the members of the TWG to meet the qualification requirements for the Technical Secretariat under the Clean Water Act as specified in the requirements of Section 5.

Section 10. Multi-Sectoral Group. The Governing Board shall create a multi-sectoral group for water quality surveillance and monitoring network. This shall augment and complement monitoring and reporting efforts of the Department. The Governing Rules shall provide for the coordination and complementation of functions of the network with the regular duties and responsibilities of the Department.

Section 11. Management of the Area Water Quality Management Fund. The Area Water Quality Management Fund (AWQMF) for the Tigum-Aganan WQMA shall be administered by the Governing Board for the maintenance and upkeep of the Tigum-Aganan watershed.

The AWQMF will be used for activities of the Tigum-Aganan WQMA that are in direct support of the objectives outlined in the

National Water Quality Action Plan for the area. Consistent with Sec. 10 of R.A. No. 9275, this can mean support, grant, and finance or otherwise assist activities such as, but not limited to:

- a) purchase of equipment related to water quality monitoring, reporting or management;
- b) costs for special campaigns, monitoring, enforcement or increasing public awareness;
- c) costs for special events, related to water quality monitoring, enforcement, etc.;
- d) hiring of staff for the Technical Secretariat of the Tigum-Aganan WQMA; and
- e) operating costs of the Governing Board, its Technical Secretariat and multi-sectoral water quality surveillance and monitoring network which shall be an amount of not more than ten percent (10%) of the total amount accruing to the AWQMF annually. Ninety percent (90%) of the accruals shall be used for a) to d) above.

Funds for the AWQMF shall be directly deposited in a Special Account under the name of the Tigum-Aganan WQMA with any government depository bank in the area.

The Governing Board of the Tigum-Aganan WQMA shall formulate a detailed set of criteria (project design, management, reporting and accounting) of qualified or eligible projects and activities to be supported by its AWQMF.

Disbursements from the fund shall be allowed only for activities/projects identified in the Tigum-Aganan WQMA action plan, and only after a request for funding has been received and approved by the Governing Board.

Section 12. Effectivity. This Order shall take effect immediately upon publication in a newspaper of general circulation and submission to the Office of the National Administrative Register.


ANGELO T. REYES
Secretary *TR*

PUBLICATION: *The Philippine Star*
January 9, 2007

Acknowledgment: *UP Law Center*
January 16, 2007

