### NO. 152-A

# PROVIDING FOR THE ACTIVATION OF THE CENTRAL EAST ASIA GROWTH CIRCLE PROGRAM AS AN ECONOMIC INITIATIVE AND FOR OTHER PURPOSES

**WHEREAS**, the Government recognizes the global trend where different economies are liberalizing economic relations in trade and investment and the resulting need for the economies' products and services to be globally competitive;

WHEREAS, different economies have adopted the strategy of forming sub-regional economic cooperation blocs to strengthen their respective economies such as the Brunei-Indonesia-Malaysia-Philippines (Mindanao)-East Asia Growth Area (BIMP-EAGA);

WHEREAS, the economies across the South China Sea, to the west and to the north of the Philippines, such as China, Hong Kong, Macau, Taiwan, Japan, and South Korea, together with the Philippines, comprise the economic heartland of Asia, where Japan, South Korea, Hong Kong and Taiwan are economies rich in capital and advanced technology, where China is a huge market and where the Philippines is rich in minerals, raw materials, natural and human resources;

WHEREAS, these economic complementarities can be harnessed through the formation or activation of an economic cooperation bloc which will convert the sub-region into an economic powerhouse and provide significant economic benefits to the member economies;

**WHEREAS**, the aim of this concept is to increase trade and investments through an improved business climate, with the ultimate target of creating new jobs and livelihood opportunities for the ordinary Filipino in the sub-region;

WHEREAS, the national government has taken the initial steps in making the country, specifically the four (4) administrative regions North of the National Capital Region, hereinafter referred to as North Philippines, namely: Regions 1, 2, 3 and the Cordillera Administrative Region, ready to meet the challenges of a globally competitive environment through economic integration;

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1. THE CREATION OF THE CENTRAL EAST ASIA GROWTH CIRCLE PROGRAM**. There is hereby created under the Office of the President a program which is initially to be called the Central East Asia Growth Circle and hereinafter called the CEA-GC, and which shall promote and encourage the active and extensive cooperation of the economies in the said sub-region.

**SECTION 2. IMPLEMENTATION STRATEGY.** The CEA-GC program shall be implemented by adopting a strategy of phased progression in establishing economic cooperation with focus areas within the Growth Circle, where initial bilateral arrangements may be established, and eventually resulting in a multilateral economic cooperation agreement among the member economies.

**SECTION 3. PRESIDENTIAL ACTION OFFICER FOR CEA-GC.** The President shall appoint a Presidential Action Officer for the Central East Asia Growth Circle Program (PAO-CEAGC) with the rank of undersecretary, and with the following duties and functions:

a) Promote foreign investments, trade and tourism activities in North Philippines which would enhance socio-economic development in the area with focus on but not limited to

- developing linkages with economies in the Central East Asia Growth Circle;
- b) Coordinate the related activities of concerned departments, Regional Development Councils and specialized government development agencies in North Philippines, and ensure their active but coordinated participation in the program;
- c) Mobilize private sector participation in all activities of the program;
- d) Cause the preparation of economic and feasibility studies, and explore sources of financing of priority programs and projects, whether governmental or private that will support and encourage the active participation of the North Philippines' integrated economy in the program;
- e) Advocate to the constituents of North Philippines, their elected local executives and representatives in Congress and the National Government, national policies which will foster the active participation of North Philippines, in such policy areas as banking, investment and lending by financial institutions, transport and telecommunication, infrastructure, export of agricultural and other products, tourism, environment, reforestation, education, science and technology and human resource development;
- f) Negotiate for sources of funds to include Official Development Assistance on a bilateral or multilateral basis in accordance with existing laws, rules and regulations;
- g) Provide the mechanisms to extending the necessary planning, management and technical assistance to prospective and existing investors in North Philippines;
- h) Receive and administer donations, contributions, grants, bequests or gifts in cash or in kind from participating and non-participating economies, international agencies, private entities,

that will contribute to the development of North Philippines, subject to existing laws, rules and regulations;

- i) As the Presidential Action Officer for CEA-GC, he shall exercise administrative and technical supervision over the program;
- j) Appoint the officers and staff of the CEA-GC Program Secretariat, and ensure that it performs it s functions and achieves the Program's objectives;
- k) The PAO-CEAGC shall submit to the President quarterly reports on its accomplishments and activities.

**SECTION 4. THE ADVISORY COUNCIL.** The PAOCEAGC shall have an Advisory Council, which shall have the following functions:

- a) To advice the PAO-CEAGC on the different aspects of the program;
- b) To ensure that the goals and policies of the PAO-CEAGC are consistent with the overall national development goals and policies;
- c) To ensure that programs of PAO-CEAGC are consistent with regional and local development plans and programs.

## **SECTION 5. THE MEMBERS OF THE ADVISORY COUNCIL.** The Advisory Council shall be composed of the following:

- a) The Executive Secretary as Chairman;
- b) Secretary, Department of Trade and Industry as Vice-Chairman
- c) Secretary, Department of Foreign Affairs;
- d) Secretary, Socio-Economic Planning;
- e) Secretary, Department of Tourism;
- f) Secretary, Department of Transportation and Communication;
- g) Secretary, Department of Agriculture;
- h) Secretary, Department of Environment and Natural Resources;

- i) Secretary, Department of Public Works and Highways;
- j) Presidential Assistant for North Luzon;
- k) The Presidential Adviser for Development Administration;
- l) The Chairman of the Regional Development Councils or similar bodies of the aforementioned Regions;
- m) A representative from the Philippine Chamber of Commerce and Industry;
- n) Two private sector representatives from each region of North Philippines chosen by and from among the private sector representatives of the concerned Regional Development Councils;
- o) One Congressional Representative from each region of North Philippines who shall be chosen by and from among the Congressional Representatives in the region;
- p) One Governor from each region of North Philippines who shall be chosen by and from among the Governors in the region;
- q) One City Mayor chosen by and from among the City Mayors of North Philippines;
- r) The Administrator or equivalent official of all government corporations, commissions, development authorities and like organizations based in the four regions such as, but not limited to, the following:

North Luzon Growth Commission, Presidential Commission for the Central Luzon Growth Corridor, Cagayan Special Economic Zone Authority, Banawe Rice Terraces Task Force, Lingayen Gulf Commission, Vigan Heritage Commission, Philippine Economic Zone Authority, Agno River Basin Development Commission, Subic Bay Metropolitan Authority, Clark Development Corporation, John Hay-Poro Point Development Corporation.

The composition of the Advisory Council may be expanded when necessary.

**SECTION 6. TECHNICAL SUPPORT STAFF OF THE PAO-CEAGC.** A program Office for the CEAGC shall be constituted to assist the PAO-CEAGC in implementing the

program. It shall be headed by a Program Director to be appointed by the President upon the recommendation of the PAO-CEAGC. Additional technical and administrative staff from the National Economic and Development Authority, Department of Trade and Industry, Department of Foreign Affairs, Department of Tourism and other government agencies and institutions may also be detailed or seconded to the Program Office as necessary.

ROLE NATIONAL SECTION 7. OF LINE AGENCIES, LOCAL **GOVERNMENT** UNITS, GOVERNMENT OWNED AND CONTROLLED GOVERNMENT CORPORATIONS. NON Concerned national line agencies in the ORGANIZATIONS. regions, local government units, development authorities and special economic zones and project offices, government owned and controlled corporations, non-government organizations/the private sector, shall, as appropriate, serve as implementing entities of activities related to the CEAGC program. These related activities are inclusive of, but not limited to, the organization of: trade investment/tourism fairs and missions, business conventions and forums, technical working group meetings, senior officials meetings, among others.

SECTION 8. FUNDING The Department of Budget and Management is hereby directed to release from the Presidential Contingent Fund or the Organizational Adjustment Fund, an initial lump sum funding of P18,000,000.00 for the organization, and the administrative and internal operational requirements of the Presidential Action Office-CEAGC, for the period September to December 1999. The additional budget for the year 2000 shall be sourced from the Presidential Contingent Fund or any other fund within the Office of the President. Thereafter, the appropriations for the continued operations of the PAO-CEAGC shall be included in the annual general appropriations bill submitted to congress.

**SECTION 9. IMPLEMENTING AUTHORITY.** The PAO-CEAGC is hereby authorized to promulgate the necessary rules and regulations to implement this Executive Order.

**SECTION 10. EFFECTIVITY.** This Executive Order shall take effect immediately. Provisions of existing Executive Orders, rules and regulations inconsistent with this Executive Order are hereby superseded by this issuance.

DONE in the City of Manila, this 11<sup>th</sup> day of May, in the year of Our Lord, Two Thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### EXECUTIVE ORDER NO. 197

DIRECTING ALL DEPARTMENTS, BUREAUS, COMMISSIONS, AGENCIES, OFFICES AND INSTRUMENTALITIES OF THE NATIONAL GOVERNMENT, INCLUDING GOVERNMENT-OWNED OR CONTROLLED CORPORATIONS, TO INCREASE THEIR RATES OF FEES AND CHARGES BY NOT LESS THAN 20 PERCENT

WHEREAS, pursuant to Sec. 54, Chapter 12, Book IV of Executive Order No. 292 (Administrative Code of 1987), heads of bureaus, offices or agencies, may, upon approval of the department head, charge and collect the cost of the services rendered by the bureau, office or agency concerned;

**WHEREAS,** it is only proper that the persons receiving the services for which the fees and charges are imposed should be made to share the burden of the expenses incurred by the government;

WHEREAS, despite Executive Order No. 159, series of 1994, directing all departments, bureaus, commissions, agencies and instrumentalities of the national government, including government-owned or controlled corporations, to adjust their fees and charges by just and reasonable rates sufficient to cover the full cost of services rendered, only very few agencies have complied;

**NOW, THEREFORE, I, JOSEPH E. ESTRADA,** President of the Republic of the Philippines, by virtue of the powers vested in me by law, hereby order:

**Section 1.** All departments, bureaus, offices, agencies and units, including government-owned or controlled corporations, are

hereby directed to review and upgrade their rates of fees and charges by not less than twenty percent (20%).

The revised rates shall, wherever practicable, be uniform for similar or comparable services and functions and shall be determined by the respective department heads, governing boards, or equivalent functionaries; Provided, that this Executive Order shall not apply to fees charged by the Department of Foreign Affairs for the processing of passports of Overseas Filipino Workers and other fees charged by departments, bureaus, offices, units, and agencies, including government-owned or controlled corporations, related to constitutionally mandated free or subsidized services, such as in education (government colleges and universities) and in health, as well as to those exempted by international agreements, as shall be determined by the President.

**Section 2.** The heads of departments shall be responsible for the implementation of this Executive Order by the bureaus, offices, units, and agencies, including government-owned or controlled corporations, within their respective jurisdictions.

**Section 3.** The Department of Finance and the Department of Budget and Management shall jointly promulgate the rules and regulations to implement this Executive Order and monitor compliance by agencies.

**Section 4.** All executive issuances or parts thereof which are inconsistent with any of the provisions of this Executive Order are hereby repealed or modified accordingly.

**Section 5.** This Executive Order shall take effect immediately.

Done in the City of Manila, this  $13^{\rm th}$  day of January in the year of Our Lord, Two Thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd) RONALDO B. ZAMORA Executive Secretary

### EXECUTIVE ORDER NO. 199

CREATING A PRESIDENTIAL COMMISSION TO MONITOR COMPLIANCE WITH THE PROVISIONS OF THE "AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF THE PHILIPPINES AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA REGARDING THE TREATMENT OF UNITED STATES ARMED FORCES VISITING THE PHILIPPINES," PRESCRIBING ITS AUTHORITY AND FUNCTIONS

WHEREAS, the "Agreement between the Government of the Republic of the Philippines and the Government of the United States of America Regarding the Treatment of United States Armed Forces Visiting the Philippines," hereinafter referred to as the "VFA," was signed by Foreign Affairs Secretary Domingo L. Siazon, Jr., and United States Ambassador Thomas C. Hubbard on 10 February 1998;

WHEREAS, the VFA is essentially a framework for promoting the common security interests of the Republic of the Philippines and the United States of America by strengthening their bilateral defense partnership, as embodied by the 1951 Mutual Defense Treaty;

WHEREAS, the Philippine Senate, through Senate Resolution No. 18, concurred in the ratification of the VFA and urged the President to create a board or commission that will assess the workings of the VFA and submit a yearly recommendation to the President of the Philippines on whether or not the Agreement continues to serve the national interest;

WHEREAS, the VFA took effect on 01 June 1999 after the Government of the Republic of the Philippines and the Government of the United States of America notified each other that their respective constitutional requirements for entry into force have been duly complied with; **WHEREAS**, the Administrative Code of 1987 empowers the President with the continuing authority to reorganize the Office of the President and to transfer functions from one department or agency to another;

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1.** ORGANIZATION. A Presidential Commission on the Visiting Forces Agreement, hereinafter referred to as the "Commission" is hereby created under the Office of the President.

**SEC. 2.** COMPOSITION. The Commission shall be composed of the following:

The Secretary of Foreign Affairs : Chairman
The Secretary of National Defense : Co-Chairman

The Secretary of Justice : Member

The Secretary of Social Welfare and

Development : Member
The Secretary of Health : Member

The Secretary of Environment and

Natural Resources : Member The Secretary of Finance : Member

The Secretary of Interior and Local

Government : Member

The Head, Presidential Legislative

Liaison Office : Member
The Press Secretary : Member
The National Security Adviser : Member

Two (2) Representatives from the Private Sector and Non-Government

Organizations to be appointed by

the President : Member

- **SEC. 3.** POWERS AND FUNCTIONS. The Commission shall have the following powers and functions:
- a) Ensure respect for Philippine laws, state policies, public morals, customs and traditions and strict compliance with the provisions of the VFA and the rules and regulations promulgated by the concerned Departments and Agencies.
- b) Coordinate with the concerned Departments and Agencies for the issuance of the appropriate Implementing Rules and Regulations (IRRS) for the VFA, providing clear guidelines on, among others:
  - b.1 the entry and temporary stay of United States military and civilian personnel;
  - b.2 the entry and movement of United States military vessels, aircraft and vehicles:
  - b.3 the protection of public health;
  - b.4 the protection and preservation of the environment;
  - b.5 the disposition of military equipment and other provisions brought into the country by United States military and civilian personnel; and
  - b.6 the prosecution of offenses that may be committed during activities under the VFA:
- Monitor, in coordination with the appropriate government and non-government agencies, the activities of foreign military and civilian personnel for the duration of activities held under the VFA;
- d) Assess the environmental, social, and health impact of activities held under the VFA on the areas where they are held

- and to come up with recommendations designed to mitigate the impact of such activities;
- e) Submit regular reports to the President that would contain an assessment of whether the VFA continues to serve, among others, the national security interest;
- f) Organize and oversee local coordinating committees that will assist the Commission in the performance of its functions;
- g) Coordinate with the Legislative Oversight Committee in ensuring that the implementation of the VFA continues to serve the national interest;
- h) Recommend the passage of appropriate issuances and/or legislation necessary for the proper enforcement of the provisions of the VFA;
- i) Enlist the assistance of any Branch, Department, Bureau, Office or Agency of the Government in the performance of the Commission's duties;
- j) Conduct continuing information and educational campaigns on the VFA:
- Extend appropriate assistance to claimants for damage, loss, personal injury or death, caused by acts or omissions of US personnel or otherwise incidental to the non-combat activities of US forces; and
- 1) Perform such other powers and functions as the President may direct.
- **SEC. 4.** CONTROL AND SUPERVISION. The Commission shall be under the control and supervision of the President. The Commission shall report and be directly responsible to the President.

- **SEC. 5.** EXECUTIVE DIRECTOR. The Chairman of the Commission shall designate a senior official of the Department of Foreign Affairs as Executive Director of the Commission. The Executive Director shall report directly to the Chairman of the Commission. The Executive Director shall have direct operational and supervisory authority over personnel from the concerned government agencies who may from time to time be detailed to the Commission to provide technical and administrative support.
- **SEC. 6.** FUNDING. Subject to the usual auditing and accounting rules and regulations, the Commission shall be provided with an initial annual allocation of TWENTY MILLION PESOS (P20,000,000.00) to be drawn from the President's Contingency Fund. Appropriations for the succeeding years shall be incorporated in the budget proposal for the Office of the President
- **SEC. 7.** PARTICIPATION BY PRIVATE SECTOR AND NONGOVERNMENT ORGANIZATIONS. In the performance of its duties and responsibilities, the Commission shall encourage the participation of local private sector and non-government organizations based in the areas where activities in connection with the VFA will be held.
- **SEC. 8.** EFFECTIVITY. This Executive Order shall take effect immediately.

**DONE** in the City of Manila, this 17<sup>th</sup> day of January in the year of Our Lord, Two Thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### EXECUTIVE ORDER NO. 200

# AUTHORIZING THE ISSUANCE OF ONSHORE SPECIAL MINERALS EXTRACTION PERMITS TO QUALIFIED GOVERNMENT ENTITIES/ INSTRU-MENTALITIES FOR GOVERNMENT PROJECTS

**WHEREAS**, the 1987 Constitution provides that all lands of the public domain, minerals, coal, petroleum and other natural resources are owned by the state and that their exploration, development and utilization shall be under the full control and supervision of the State;

WHEREAS, Section 4 of the Republic Act (R.A.) No. 7942, otherwise known as the "Philippine Mining Act of 1995", provides that mineral resources are owned by the State; that the exploration, utilization and processing thereof shall be under the State's full control and supervision, and that the State may directly undertake such activities.

WHEREAS, Section 8 of R.A. No. 7942 provides that the Department of Environment and Natural Resources (DENR) shall be the primary government agency responsible for the conservation, management, development and proper use of the State's mineral resources, including those in reservations, watersheds areas and lands of public domain;

**WHEREAS,** Section 9 of R.A. No. 7942 provides that the Mines and Geosciences Bureau (MGB) shall have direct charge in the administration and disposition of mineral lands and mineral resources, both offshore and onshore;

**WHEREAS,** pursuant to Executive Order No. 786 dated March 19, 1982, the Natural Resources Development Corporation (NRDC), as a government corporation and corporate arm of the DEN-R, is mandated to help promote the development of the country's natural resources, including minerals;

- **WHEREAS,** quarry, sand, gravel, clay and related materials from onshore areas are highly suitable raw materials for government infrastructure projects, specially flagship projects, and other related civil works:
- **WHEREAS**, it is in the national interest to prioritize government projects in the utilization of these materials to enhance the delivery of services vital to the Government's economic and social development programs;
- **WHEREAS,** it is necessary to ensure adequate, low-cost and continuous supply of these raw materials in order not to hamper or delay the implementation of government projects;
- **WHEREAS**, the potential environmental impacts of mining/quarrying operations require appropriate safeguards and adequate mitigating measures to be set in place under the strict supervision of the DENR;
- **WHEREAS,** Section 49 of R.A. No. 7942 provides for the issuance of Government Gratuitous Permit to any government entity/instrumentality for the extraction of certain minerals for government projects, over an area of not more than two (2) hectares for a period co-terminous with the project;
- **WHEREAS,** R.A. No. 7942 does not clearly provide for the appropriate permitting mechanisms in the extraction of quarry, gravel, sand, clay and other related materials needed for government projects over an area exceeding two (2) hectares;
- NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:
- **SECTION 1.** <u>Authority for the Issuance of Special Minerals Extraction Permit (SMEP)</u>. The DENR is hereby authorized to issue a Special Minerals Extraction Permit (SMEP),

including Interim Permit to NRDC or any qualified government entity/instrumentality for the exploration, development, utilization and/or disposition of quarry, sand, gravel, clay and other related materials needed for a government project from onshore areas exceeding two (2) hectares, including areas covered by pending mining application(s). For this purpose, the Permittee may enter into a Memorandum of Agreement (MOA) with the concerned government entity/instrumentality and/or avail the services of a qualified service contractor(s).

- SEC. 2. Issuance of Government Gratuitous Permit. For the exploration, development, utilization and/or disposition of quarry, sand, gravel, clay and other related materials needed for a government project from onshore areas of not more than two (2) hectares, the issuance of a Government Gratuitous Permit by the concerned Provincial Governor/City Mayor, thru the Provincial/City Mining Regulatory Board (P/CMRB), shall be in accordance with the pertinent provisions of R.A. No. 7942 and its Revised Implementing Rules and Regulations (DAO No. 96-40); Provided, that in no case shall the Provincial Governor/City Mayor issue more than one (1) Government Gratuitous Permit for a single government project.
- **SEC. 3.** <u>Authority of NRDC to Collect Certain Fees.</u> In the case where the NRDC is the permittee, it is authorized to collect management, service, environmental user's and other fees from the concerned government entity/instrumentality and/or contractors/subcontractors. Such fees shall be shared in accordance with the sharing scheme to be provided for under the Implementing Rules and Regulations of this Order.
- **SEC. 4.** *Implementing Rules and Regulations.* The DENR shall formulate and issue the necessary rules and regulations to implement this Order.
- **SEC. 5.** <u>Repealing and. Amending Clause.</u> All orders, issuances, rules and regulations or parts thereof which are

inconsistent with any of the provisions of this Order are hereby repealed or amended accordingly.

**SEC.** 6.  $\underline{\it Effectivity}$  . This Order shall take effect immediately.

**DONE** in the City of Manila, this  $17^{th}$  day of January, in the year of our Lord, two thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### NO. 201

### PROVIDING ADDITIONAL POLICIES AND GUIDELINES IN THE PROCUREMENT OF GOODS AND SUPPLIES BY THE NATIONAL GOVERNMENT

**WHEREAS**, the increasing prevalence of information technology in commercial transactions requires corresponding changes in existing procurement procedures;

**WHEREAS,** recent developments in information technology provide alternative means of procurement using the convenience and cost effectiveness of electronic and telecommunications technology;

WHEREAS, the Armed Forces of the Philippines (AFP) Modernization Act of 1995 mandates the Department of National Defense (DND)-AFP to strengthen its systems and procedures for equipment acquisition, taking into account new requirements under the AFP Modernization Program;

WHEREAS, international defense procurement procedures involving sophisticated defense equipment and weapons systems allow the submission of bids without a bid bond but with other forms of security, such as the sovereign guarantee by the bidder's government;

WHEREAS, there is a need to allow DND-AFP to adopt procurement procedures that will enable it to procure the best equipment and weapons systems that its modernization funds can afford from the market;

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1.** Section 1 of Executive Order No. 302, series of 1996, is hereby amended to read as follows:

- "SECTION 1. A set of rules and regulations covering contracts for the procurement of goods and supplies for both project-related and normal/regular operation and maintenance activities of the National Government be adopted for the following purposes:
- a. to purchase goods of acceptable quality at fair and reasonable prices from qualified and capable suppliers/manufacturers/distributors, with on time delivery and satisfactory compliance of all contract terms and conditions;
- to assure fair and equitable treatment of suppliers/ manufacturers/ distributors, including arrangements for prompt payments;
- c. to accomplish procurement through open competitive bidding in the interest of economy and efficiency;
- d. to adopt procurement procedures that utilize information technology; and
- e. to maintain and collect data for refinement of procurement policies and procedures based on experiences gained."
- **SEC. 2.** Solely for purposes of procurement involving sophisticated defense equipment and weapons systems under the AFP Modernization Program, DND-AFP is hereby authorized to accept bids with alternative bid securities such as, but not limited to, the sovereign guarantee of the bidder's government.
- **SEC. 3.** The Committee on Infrastructure (INFRACOM) of the NEDA Board shall, subject to approval of the President, formulate and promulgate the rules and regulations to implement

the amendment to Executive Order No. 302, series of 1996, embodied in Section 1 of this Executive Order.

- **SEC. 4.** The Secretary of National Defense shall issue rules and regulations to implement Section 2 of this Executive Order.
- **SEC. 5.** If any provision of this Executive Order and its implementing rules and regulations is held invalid, the other provisions not affected thereby shall remain valid and continue in operation.
- **SEC. 6.** All other orders, memorandum circulars, rules and regulations, and other issuances inconsistent with this Executive Order are hereby repealed or modified accordingly.
- **SEC. 7.** This Executive Order shall take effect immediately.

**DONE** in the City of Manila, this 18<sup>th</sup> day of January in the year of Our Lord, Two Thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### NO. 202

## PROVIDING FOR THE CREATION OF A PHILIPPINE TASK FORCE ON HAZARDOUS WASTES IN FORMER U. S. MILITARY INSTALLATIONS

WHEREAS, on September 16, 1991, the Philippine Senate voted against the United States Military Bases Treaty, ending the presence of permanent military bases in the Philippines;

WHEREAS, the rapid and efficient reuse of these properties is crucial to the economic recovery and development into economic zones of the sites of the former U.S. military bases in the Philippines and is directly dependent upon the efficiency of environmental investigations, clean-up and restoration;

WHEREAS, the United Nations Commission on Human Rights adopted a resolution on February 24, 1995 on Human Rights and Environment, recognizing that the illicit dumping of toxic and dangerous wastes threatens the right to life and health;

**WHEREAS**, the reuse of the former military installations or portions thereof must ensure the protection of human health and the environment;

**WHEREAS,** the reuse of these properties is designed to preserve valuable assets such as infrastructure so as to provide a stimulus to the local economy;

**WHEREAS**, there is a need to formally create a Philippine Task Force on Hazardous Wastes as an inter-agency task force to coordinate and direct clean-up plans of action, programs and projects;

NOW THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the power vested in me by law, do hereby order:

Section 1. Creation of a Task Force on Hazardous Wastes. There is hereby created the Philippine Task Force on Hazardous Wastes in Former U. S. Military Installations, hereinafter referred to as the Philippine Task Force (PTF), under the joint administrative and technical supervision of the Department of Foreign Affairs (DFA) and the Department of Environment and Natural Resources (DENR).

#### Sec. 2. Membership.

2.1. Composition. The, Task Force on Hazardous Wastes shall be composed of the following:

#### Chairman

Secretary of Foreign Affairs (DFA)

#### Co-Chairman

Secretary of Environment and Natural Resources (DENR)

#### Members

- 1. Secretary of Health
- 2. Secretary of Science and Technology (DOST)
- 3. Secretary of Socio-Economic Planning and NEDA Director-General (NEDA)
- 4. Director of the Philippine Nuclear-Research Institute (PNRI)
- 5. Chairman and President of the Bases Conversion and Development Authority (BCDA)
- 6. Chairman and Administrator of the Subic Bay Metropolitan Authority (SBMA)
- 7. President and CEO of the Clark Development Corporation (CDC)
- 8. Director-General of the Philippine Information Agency (PIA)
- 2.2 Creation of a Technical Working Group. There is hereby created the Technical Working Group (TWG) to assist the PTF

on technical matters related to the bases clean-up. 'Me members of the TWG shall be composed of the designated official and alternate representatives of the PTF members from the following offices:

Chairman - Environment and Management Bureau (DENR)

Co-Chair - Environmental Health Services (DOH)

Members - Office of American

Industrial Technology Development Institute

(DOST)

NEDA

**PNRI** 

BCDA

CDC

Ecology Center and Health and Welfare Dep't

(SBMA)

PIA

- 2.3 Administrative Support. The DFA shall serve as the Secretariat to the PTF. As such, it shall provide administrative support to the PTF to enable it to discharge its duties and functions.
- 2.4 Expansion of Membership. The PTF may include other government agencies of the Republic of the Philippines. The PTF may also invite non-government organizations, people's organizations and other individuals or entities as resource persons in the PTF meetings, as the need arises.
- **Sec. 3. Duties and Functions.** The PTF shall pursue the following duties and functions:
- 1. Formulate plans of action in addressing the issue of hazardous wastes in the former U.S. military installations.
- 2. Ensure that studies are undertaken to assess the extent of hazardous waste contamination and its effects on the environment and human health.

- 3. Initiate and coordinate clean-up and environmental restoration efforts of contaminated sites identified and assessed by Subic and Clark studies.
- 4. Undertake immediate actions to address the identified environmental and health concerns in Subic, Clark and other former military bases.
- 5. Ensure long-term capacity building programs of technical transfer which focus on contamination identification, contamination assessment, contamination. clean up and laboratory analysis at the former U.S. military installations.
- 6. Secure the firm cooperation of U.S. agencies, the private sector and other entities in harnessing and making available technical, administrative and financial resources for effective implementation of the plans of action, programs and projects of the PTF.
- 7. Assist in the formation and implementation of applicable government policies, laws, rules and regulations in connection with the clean up of hazardous wastes in former U.S. military installations.
- 8. Coordinate the conduct of public information, education, communication campaign on the hazards and risks, if any, involved in the reuse of former U.S. military installations in the Philippines and the need for contamination assessment and clean-up.
- 9. Pursue other related functions which may be deemed necessary by the President.
- **Sec. 4. Funding.** The funds for the initial year of operations of the PTF, in the amount of fifty million pesos (PSOM), shall be sourced -from the President's Contingent Fund or Social Fund. Thereafter, the Task Force shall submit an annual

budget to be incorporated into the annual budgetary allotment of the DFA, providing for, among other things: consultancy fees to experts; honoraria for members and other resource persons; and, participation in specialized training courses, subject to applicable accounting and auditing Jules and regulations.

**Sec. 5. Effectivity.** This Order shall take effect immediately.

Done in the City of Manila, this 18<sup>th</sup> day of January in the year of our Lord, two thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### EXECUTIVE ORDER NO. 204

### ESTABLISHING AN INTER-AGENCY STEERING COMMITTEE TO ASSIST LOCAL GOVERNMENT UNITS IN THE PREPARATION AND COMPLETION OF THEIR COMPREHENSIVE LAND USE PLANS

WHEREAS, Executive Order No. 72, series of 1993, provides for the preparation and implementation by local government units (LGUS) of Comprehensive Land Use Plans (CLUPS) pursuant to the Local Government Code of 1991;

**WHEREAS,** the President directed the Department of the Interior and Local Government and the Housing and Land Use Regulatory Board to ensure that the CLUPs of LGUs have been finalized and approved by March 2000;

**WHEREAS,** some 909 cities/municipalities may not be able to complete or update their CLUPs by March 2000;

**WHEREAS,** to expedite the completion of all CLUPs by 30 June 2000, there is a need to constitute an inter-agency coordinating body to provide technical assistance to LGUs in the formulation/updating and approval of their CLUPS.

**NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, by virtue of the powers vested in me by law and the Constitution, do hereby order:

Section 1. <u>Establishment of the Inter-Agency Steering Committee</u>. There is hereby established an inter-Agency Steering Committee to assist LGUs in the preparation and completion of their CLUPS.

The Committee shall be composed of the following:

Secretary, Department of the Interior and Local Government	Chairman
Chief Executive Officer, Housing and Land Use Regulatory Board	Co-Chairman
Director General, National Economic and Development Authority	Member
Secretary, Department of Agriculture	Member
Secretary, Department of Agrarian Reform	Member
Secretary, Department of Environment and Natural Resources	Member
Secretary, Department of Tourism	Member
Secretary, Department of Trade and Industry	Member
Secretary, Department of Transportation and Communications	Member
Secretary, Department of Budget and Management	Member

**Section 2. Functions.** The Committee shall have the following functions:

- a. Provide technical assistance to, LGUs in the preparation and approval of their CLUPS. Technical assistance shall be in the form of provision of planning guidelines and standards, consultation on all phases of plan formulation, training on planning techniques/methodologies, and institutionalization of planning at the local level.
- b. Ensure that the CLUPs of LGUs are consistent with the Medium-Term Philippine Development Plan (1999-2004) for Shelter and Urban Development and other national policies, plans and programs.
- c. Organize Local Planning Teams to be composed of city/municipal development staff, which shall be responsible for the actual preparation of the CLUPS.

- d. Prepare implementing guidelines as may be necessary.
- **Section 3.** <u>Technical Working Groups</u>. The Committee may create technical working groups (TWGS) at the national or regional level as may be necessary in the performance of its functions.
- **Section 4.** Administrative Support. The DILG and the HLURB shall provide secretariat support to the Committee and the TWGS.
- **Section 5.** <u>Funding</u>. The DBM is hereby directed to identify sources of funding for the operations and activities of the Committee.
- **Section 6.** <u>Reporting Requirements</u>. The Committee shall prepare monthly reports to the President, through the Presidential Management Staff, on the status of its activities.
- **Section 7.** Repealing Clause. All issuances, orders, rules and regulations or parts thereof which are inconsistent herewith are hereby repealed or modified accordingly.
- **Section 8.** <u>Effectivity</u>. This Executive Order shall take effect immediately.

Done in the City of Manila, this 20<sup>th</sup> day of January, in the Year of our Lord, Two Thousand.

### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### EXECUTIVE ORDER NO. 210

### ADOPTING THE MAUNLAD NA NIYUGAN TUGON SA KAHIRAPAN PROGRAM AND ESTABLISHING MECHANISMS FOR ITS IMPLEMENTATION

**WHEREAS,** 70 percent of our coconut land or about 2.1 million hectares of land are underutilized and unproductive;

**WHEREAS**, the underutilized areas can be tapped for diversified farming to increase the income of coconut farmers and improve their socio-economic condition;

**WHEREAS,** the Philippine Coconut Authority, in coordination with other agencies, devised the *Maunlad na Niyugan Tugon sa Kahirapan Program*, which embodies the strategies to enhance the productivity of coconut lands;

**WHEREAS**, there is a need to establish a mechanism to ensure the integrated and sustained implementation of the *Maunlad* Program.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1.** Adoption of the Maunlad na Niyugan Tugon sa Kahirapan Program. The Maunlad na Niyugan Tugon sa Kahirapan Program, hereinafter referred to as the Maunlad Program, is hereby adopted. The Maunlad Program shall serve as one of the components of Agri'kulturang Makamasa Program, the national agricultural productivity program.

The *Maunlad* Program shall seek to improve coconut productivity and increase the annual income of coconut farmers from P10,000 to P100,000 per hectare through an efficient integrated coconut-based farming system. It shall also seek to

increase coconut production through conservation, replanting and rehabilitation of the palm population.

**SECTION 2. Components.** The *Maunlad* Program shall include the following components:

- a. Establishment of Model Coconut Farms. A model coconut farm shall be a contiguous cluster of small coconut farms with an aggregate area of 15 to 20 hectares, fully intercropped with cash and commercial crops, provided with livestock, poultry and small ruminants, and equipped with water supply, production and processing facilities. It shall be owned or operated by a cooperative formed by coconut farmers, farm workers and members of their families living or working within the model farm site. Model coconut farms shall be established in 1,195 barangays covering 64 coconut-producing provinces and shall be replicated in 500,000 hectares of coconut land within the next four years.
- b. Coconut Replanting and Establishment of Local Nurseries. A coconut replanting program shall be implemented to regain lost hectarage due to the rampant cutting of coconut trees. Towards this, the Philippine Coconut Authority (PCA), in coordination with the Department of Agriculture (DA), its bureaus, attached agencies, regional field units, concerned national government agencies, local government units and accredited coconut farmer organizations, shall carry out the establishment and maintenance of provincial, city, municipal and barangay nurseries for coconut and for high-value crops.
- c. Provision of Agricultural Infrastructure. The DA, Department of Public Works and Highways (DPWH), Department of Energy (DOE), Department of Transportation and Communications (DOTC), Department of the Interior and Local Government (DILG) and the Local Government Units (LGUs) shall include in their respective plans and programs the provision of irrigation, farm-to-market roads, postharvest facilities, energy infrastructure, communication systems and

other agricultural infrastructure to accelerate agricultural and fishery production, processing and marketing in coconut areas, particularly in model coconut

The Program shall also have the following components: farmer development and socio-institutional services; livestock, poultry and aquaculture dispersal; credit and marketing assistance; research and development, extension and information services; institutional networking and linkaging; planning, policy and project development; and monitoring and evaluation.

**SECTION 3. National Inter-Agency Management Committee.** A National Inter-Agency Management Committee on the *Maunlad* Program, hereinafter referred to as NIAMC, is hereby constituted. The NIAMC shall be composed of the following:

Chairman
Co-Chairman
Member
Member
Member
Member
Member
Member
Member
Member
Member
Member
Member
Member
Member

Development Bank of the Philippines	Member	
Cooperative Development Authority	Member	
Technical Education and Skills		
Development Authority	Member	
Philippine Information Agency	Member	
National Youth Commission	Member	
National Irrigation Administration	Member	
Bureau of Post Harvest Research		
and Extension	Member	
Bureau of Fisheries and Aquatic Resources	Member	
Livestock Development Council	Member	
Fibers Industry Development Authority	Member	
Fertilizers and Pesticides Authority	Member	
Quedan and Rural Credit Guarantee		
Corporation	Member	
Technology and Livelihood Resource Center Member		

Representatives from accredited coconut farmer organizations, non-governmental organizations and other concerned government agencies may be invited to become members of the Committee.

**SECTION 4. Duties and Functions of the NIAMC.** The NIAMC shall serve as the overall coordinating body in the implementation of the *Maunlad* Program. The NIAMC shall specifically have the following functions:

- a. Periodically review the *Maunlad* Program and introduce modifications whenever necessary;
- b. Formulate the guidelines for the preparation of the regional, provincial, city and municipal workplans to give flesh to the *Maunlad* Program;
- c. Review and oversee the consolidation of the regional, provincial, city and municipal workplans into a national workplan;

- d. Generate and mobilize resources from domestic and foreign sources for the implementation of projects and activities under the *Maunlad* Program; and
- e. Enlist the support of other government agencies and coordinate with the National Food Security Council as may be necessary in the performance of its functions.

**SECTION 5. Regional, Provincial, City and Municipal Inter-Agency Management Committees.** The NIAMC shall oversee the organization and coordinate the activities of parallel committees at the regional, provincial, city and municipal levels to ensure the attainment of the goals and objectives of the *Maunlad* Program.

- a. <u>Composition</u> The Regional, Provincial, City and Municipal Inter-agency Management Committees shall be composed of the following:
  - (1) Regional Inter-Agency Management Committees. The Regional Inter-Agency Management Committee, hereinafter referred to as RIAMC, shall be composed of the PCA regional manager as Chairman and the DA regional director as Co-Chairman, with the heads of the regional offices of DA-attached agencies, heads of the regional offices of the NIAMC member organizations, chairmen of the provincial interagency management committees, representatives of accredited coconut farmer organizations and as Members.
  - (2) Provincial Inter-Agency Management Committees. Provincial Inter-Agency Management Committee. hereinafter referred to as PIAMC, shall be composed of the PCA provincial coconut development manager Chairman, with the provincial agriculturist, provincial development coordinator, planning and provincial veterinarian, provincial agricultural engineer, chairmen city/'municipal inter-agency management of the

committees and other representatives of concerned provincial offices of government, private agencies, and the accredited coconut farmer organizations as Members

### (3) City/Municipal Inter-Agency Management Committees.

The City/Municipal Inter-Agency Management Committees, hereinafter referred to as CIAMC or MIAMC shall be composed of the PCA city/municipal development officer as Chairman with the city/municipal agriculturist and other concerned heads/representatives of municipal agencies of government and private agencies operating in the city/municipal level, and representatives of accredited coconut farmer organizations as Members.

- b. <u>Duties and Functions</u>. The local committees of the *Maunlad* Program shall provide assistance to the NIAMC, as follows:
  - (1) Prepare and submit to the NIAMC the regional, provincial, city and municipal workplans. The workplans must include, among others, specific targets, timetable of activities and resource requirements;
  - (2) Coordinate and monitor the implementation of the workplans and submit regular assessment reports to the NIAMC:
  - (3) Operate as support committees to the Provincial and Municipal/'City Councils on Food Security constituted under Executive Order No. 86, s. 1999 (Providing for the Creation of the National Food Security Council, Councils of Food Security for the Provinces, Independent Component Cities and Highly Urbanized Cities); and
  - (4) Perform other functions as may be necessary for the successful implementation of the *Maunlad* Program.

**SECTION 6. Composite National Technical Working Group.** The NIAMC shall organize a composite national technical working group, which shall assist in the formulation of guidelines for the preparation of local workplans, and the preparation of annual work and financial plan of the NIAMC.

SECTION 7. Technical and Administrative Support. A Program Management Office, hereinafter referred to as PMO, is hereby organized under the PCA to provide administrative and technical support to the NIAMC, local committees and the composite national technical working group. Likewise, the DA shall mobilize its concerned bureaus, attached agencies and regional field units to actively support the implementation of the *Maunlad* Program pertinent to their respective areas of jurisdiction and mandates.

**SECTION 8. Funding.** An initial amount of P3 million from the Agrikulturang MAKAMASA Program shall be provided for the, operations of the PMO. Thereafter, the PMO shall have its own budget to be incorporated in the yearly appropriations of the PCA.

The DA, PCA and other concerned (Government agencies which form part of the NIAMC (except banking or financial institutions) shall allocate from their respective budgetary appropriations such sufficient amounts to implement the various components of the *Maunlad* Program. Government financial institutions shall ensure that suitable lending windows sufficient to support the credit needs of *Maunlad* participants shall be made available.

**SECTION 9. Implementing Guidelines.** The NIAMC shall formulate implementing guidelines as may be necessary to implement this Order.

**SECTION 10. Reporting Requirements.** The NIAMC shall submit to the President a regular report on the status of its activities.

**SECTION 11. Effectivity.** This Executive Order shall take effect immediately.

**DONE** in the City of Manila, this 10<sup>th</sup> day of February, in the Year of our Lord, Two Thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President

#### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

#### EXECUTIVE ORDER NO. 218

REACTIVATING THE TASK FORCE ON FEES AND CHARGES, EXPANDING ITS MEMBERSHIP AND FUNCTIONS AND PROVIDING GUIDELINES FOR THE REVIEW OF THE PROPOSED RATE INCREASE OF FEES AND CHARGES BY NATIONAL GOVERNMENT AGENCIES AND GOVERNMENT-OWNED OR CONTROLLED CORPORATIONS UNDER EO 197, SERIES OF 2000

**WHEREAS,** there is a need to improve revenue collection to achieve revenue targets and fund the government's socioeconomic programs;

**WHEREAS,** fees and charges remain a significant source of revenue for the government;

WHEREAS, government fees and charges are user charges which are commensurate with the benefits received from services rendered, and persons receiving such services must share the burden of expenses incurred by the government instead of the full cost being borne by all taxpayers;

WHEREAS, since the cost of rendering government services or regulating certain activities has risen drastically and the Government does not have sufficient resources to sustain, improve or expand these services, it is necessary that the rates of fees and charges be upgraded commensurately with the increase in the cost of their administration:

**WHEREAS,** for social considerations, health, education and other social services are generally free or. subsidized by the government;

WHEREAS, despite the issuance of Executive Order (EO) No. 159, series of 1994, directing all departments, bureaus, commissions, agencies and instrumentalities of the national government including government-owned or controlled corporations to adjust their fees and charges by just and reasonable rates sufficient to cover at least the full cost of services rendered, only very few agencies have complied;

WHEREAS, EO No. 197 series of 2000 has been issued to reiterate the importance of revising the rates of fees and charges and to direct all departments, bureaus, commissions, agencies, offices and instrumentalities of the National Government, including government-owned or controlled corporations, to increase their rates of fees and charges by not less than 20 percent;

WHEREAS, to prevent indiscriminate and inappropriate increases in the rates of fees and charges, it is important that the Task Force on Fees and Charges be reactivated to review where necessary proposals from the agencies concerned before approval of their Department Secretaries.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**Section 1. Guiding Principles.** In revising their fees and charges, all departments, bureaus, offices, units and agencies including government-owned or controlled corporations shall be guided by the universal concept of user charges, which is to recover at least the full cost of services rendered. Fees and charges have to be reviewed from time to time in accordance with such concept.

Sec. 2. Reactivation of the Task Force on the Revision of Fees and Charges. The Task Force on the Revision of Fees and Charges created under Administrative Order No. 255 issued on February 20, 1996 and composed of representatives of the Department of Finance (Chairman), Department of Budget and

Management (Co-Chairman), Bureau of the Treasury and the National Tax Research Center is hereby reactivated with the membership expanded to include a representative from the Commission on Audit.

- **Sec. 3. Functions of the Task Force.** The Task Force shall, in addition to its present function of monitoring compliance on the revision of fees and charges and the synchronization of the accounting and reporting of collections from fees and charges from agencies concerned, be responsible for the following functions:
- a. Review and recommend on a selective basis, revisions of fees and charges under EO 197, before approval of the Department Secretary or Head of Agency concerned, which function it shall perform on a continuing basis as further revisions are proposed or deemed appropriate in the future;
- b. Pass upon any request for exemptions from EO 197;
- c. Render technical assistance on the determination of cost of services rendered upon request of agencies concerned; and
- d. Provide guidelines and criteria in the determination of just and reasonable rates sufficient to recover the full cost of services rendered.

# Sec. 4. Submission of Reports by Government Agencies. Government departments, bureaus, offices, agencies and units concerned, including government-owned or controlled corporations receiving budgetary appropriations, shall submit to the Task Force a report on the revision of rates as approved by the Department Secretary concerned not later than thirty (30) days after their approval/effectivity and to the Department of Budget and Management, together with their proposed budget, a summary of expected revenues from fees and charges, during the budgetary hearings.

**Sec. 5. Monitoring.** The Bureau of the Treasury shall closely monitor the collections of fees and charges based on remittance advices of concerned government agencies, including

government-owned or controlled corporations to authorized collection agent banks.

- **Sec. 6.** Implementing Rules and Regulations. The Department of Finance and the Department of Budget and Management shall jointly promulgate the rules and regulations to implement this Executive Order and monitor compliance by agencies.
- **Sec. 7. Repealing Clause.** All executive issuances or parts thereof, including those specially providing for rates of fees and charges of specific government agencies which are inconsistent with any of the provisions of this Executive Order are hereby repeated or modified accordingly.
- **Sec. 8. Effectivity.** This Executive Order shall take effect immediately.

**Done** in the City of Manila, this 15<sup>th</sup> day of March in the Year of our Lord Two Thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

#### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

#### EXECUTIVE ORDER NO. 219

#### GRANT OF SALARY ADJUSTMENT TO ALL GOVERNMENT PERSONNEL

**WHEREAS,** the Government fully appreciates the valuable role of government employees in providing vital services to the population at large;

**WHEREAS,** in recognition of this vital role, it is the policy of the Government to continuously uplift, within its limited financial resources, the living standards of government employees and to improve their welfare;

**WHEREAS**, pursuant to this policy, the Government deems it proper to increase the salaries of government employees to keep in step with the existing economic conditions and ameliorate their plight-,

**WHEREAS**, under the Salary Adjustment Fund in the FY 2000 General Appropriations Act an amount is appropriated for a 10% across the board adjustment in basic salary of national government personnel;

**NOW THEREFORE, I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, by virtue of the powers vested in me by the Constitution, R.A. No. 6758, P.D. No. 1597 and P.D. No. 985, do hereby order and direct:

**SECTION 1.** *New Salary Schedule.* The Department of Budget and Management is hereby directed to implement new Salary Schedules effective January 1, 2000 reflecting a ten percent (10%) increase over the basic monthly salaries as of December 31, 1999 of civilian and uniformed personnel except the uniformed personnel of Philippine National Police (PNP) who are covered by RA 8551, as follows:

#### a. For Civilian Personnel

The salary adjustment for civilian personnel shall be in accordance with the attached Salary Schedule marked as Annex 'A' of this Order. The adjustment shall be to the designated salary step of the employee in the salary grade allocation of his position as of December 31, 1999.

#### b. For Uniformed Personnel Except those in the PNP

The salary adjustment of the uniformed personnel except those in the PNP shall be in accordance with the attached Salary Schedule marked as Annex 'B' of this Order.

Heads of all national government departments and agencies including government-owned and/or -controlled corporations and local Government units shall not grant any form of compensation adjustment in excess of the amount stipulated in the said Salary Schedules.

SECTION 2. Coverage and Exemption. This order shall cover only officials and employees of the National Government Agencies (NGAs) including State Universities and Colleges (SUCs), Government-Owned and/or -Controlled Corporations (GOCCs), Government Financial Institutions (GFIs) and Local Government Units (LGUs) whose basic salaries conform with the Salary Schedule prescribed under Executive Order No. 389 dated December 28, 1996. Officials and employees who are exempted by law from the Compensation and Position Classification System and/or do not follow the Salary Schedule prescribed for government personnel are not entitled to the salary adjustment authorized herein.

**SECTION 3.** *Integration of Transition Allowance.* The salary rates contained in the Salary Schedule marked as Annex A shall include transition allowance presently authorized to be received by incumbents.

**SECTION 4.** Continuation of Personnel Economic Relief Allowance and Additional Compensation. Personnel Economic Relief Allowance and the Additional Compensation authorized under Republic Act No. 7078 and Administrative Order No. 53, respectively shall continue to be paid as allowances and not integrated into basic pay, and therefor not subject to tax.

**SECTION 5.** Allowances and Benefits Based on Percentage of Basic Salaries. Notwithstanding the salary increases authorized herein, there shall be no corresponding increase in the present allowances and benefits being received by officials and employees which are based on a percentage of their basic salaries.

**SECTION 6.** Funding Source. The funding sources for the amounts necessary to implement the revised compensation shall be as follows:

- a. For national government entities, the amount shall be charged against the savings generated from the different departments, bureaus, offices and agencies and appropriations set aside for the purpose in the FY 2000 General Appropriations Act. Thereafter, such amounts as are needed shall be included in the annual General Appropriations Act.
  - 1. Agencies with fiscal autonomy are enjoined to fund their Salary adjustment within the level of PS funds released to them.
- b. For government-owned and/or controlled corporations (GOCCs) and government financial institutions (GFIs), the amount shall come from their respective corporate funds.
- c. For local government units (LGUs), the amount shall be charge against their respective local funds.

GOCCS, GFIs and LGUs which do not have adequate or sufficient funds to pay the salary adjustment prescribed herein

shall only partially implement the established rates: PROVIDED, That any partial implementation shall be uniform and proportionate for all positions in each corporate entity or local government unit.

**SECTION 7.** Applicability to Certain Constitutional Officials. Pursuant to Section 6 of Article VII and Section 10 of Article VI of the Constitution, the salary adjustment prescribed herein for the President, Vice-President, and Members of the House of Representatives shall take effect only after the expiration of the respective terms of the present incumbents, and with respect to Senators, only after the expiration of the term of all the incumbent Senators.

**SECTION 8.** *Implementing Guidelines*. The Department of Budget and Management shall prepare and issue the necessary guidelines for the implementation of this Executive Order.

**SECTION 9.** *Effectivity.* This Executive Order shall take effect January 1, 2000.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA Executive Secretary

#### NO. 222

### TRANSFERRING THE NATIONAL COMPUTER CENTER FROM THE OFFICE OF THE PRESIDENT TO THE DEPARTMENT OF SCIENCE AND TECHNOLOGY

**WHEREAS,** the government's National Information Technology Plan for the 21<sup>st</sup> Century (IT21) seeks to transform the Philippines into a Knowledge Center in Asia by the first decade of the 21<sup>st</sup> century;

WHEREAS, the National Information Technology Council (NITC), pursuant to EO No. 125, s. 1999, is tasked to coordinate and oversee the implementation of IT21, and to serve as the highest planning and policy advisory body on IT matters;

**WHEREAS,** the Department of Science and Technology (DOST) chairs the NITC and is actively involved in the pursuit of the IT21 vision;

**WHEREAS**, the National Computer Center (NCC), pursuant to EO No. 125, s. 1999, is tasked to provide technical and professional support to the NITC;

**WHEREAS**, there is need to effectively mobilize and coordinate the collective resources and talents of government entities concerned in the pursuit of the IT21 vision;

**WHEREAS,** government is committed to pursue a more responsive and efficient bureaucracy by adopting homogeneous grouping of functionally-related agencies;

**WHEREAS,** Section 3 1, Chapter 10, Title III, Book III of EO 292, s. 1987, provides continuing authority to the President to

reorganize the administrative structure of the Office of the President.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law do hereby order:

**Section 1.** *Transferring NCC to DOST.* The NCC is hereby transferred from the Office of the President to the DOST to ensure more effective administrative supervision and information and communications technology policy and program coordination.

**Section 2.** *Repealing Clause.* All executive orders, rules and regulations, and other issuances or parts thereof that are inconsistent with the provisions of this Executive Order, are hereby either revoked or modified accordingly.

**Section 3.** *Effectivity.* This Executive Order shall take effect immediately.

**DONE** in the City of Manila, this 24<sup>th</sup> day of March in the year of our Lord, Two Thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

#### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

#### EXECUTIVE ORDER NO. 255

#### ADDRESSING RURAL POVERTY IN THE PHILIPPINES THROUGH THE CONSERVATION, PROTECTION AND DEVELOPMENT OF NATURAL RESOURCES

WHEREAS, rural poverty in the Philippines continues to rise despite government efforts to alleviate poverty;

WHEREAS, the El Niño and other climate-related occurrences created more adverse impact on the poorest sectors of society than the Asian financial crisis:

**WHEREAS**, the farmers and fisherfolk sectors are among the poorest sectors in Philippine society faced with a bleak future due to the degradation of their surrounding environment;

WHEREAS, appropriate support services must be delivered to the poor at the community level to arrest rising rural poverty and increasing natural resource depletion;

**WHEREAS**, the National Anti-Poverty Commission (NAPC) is mandated by law, R.A. 8425, to monitor the implementation of the government's poverty eradication program, particularly those concerned with enhancing the capability of the poor to uplift their own conditions through better management of natural resources;

**WHEREAS**, the NAPC is specifically mandated to provide financial and non-financial incentives to local government units with counterpart resources for the implementation of social reform and poverty alleviation programs [sec. 7(7), R.A. 8425];

**WHEREAS,** the NAPC advocates for and promotes tripartite efforts of the government, civil society and business towards poverty eradication, especially through local governance;

**NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby declare the establishment of a network of community-based enterprises to address rural poverty through the conservation, protection and development of natural resources.

**SECTION 1. Network.** — The NAPC shall lay the groundwork for the establishment of a network of local government units with community-based enterprises implementing sustainable resource management projects at the barangay level, through the provision of a standard set of services for coastal and upland communities.

**SECTION 2.** Local Development Plans. — The participating local government units (LGUs) shall submit local development plans using the sustainable integrated area development (SIAD) framework for the localization of Philippine Agenda 21, in accordance with Memorandum Order No. 47, s. 1999, with a resolution for counterpart funding. These development plans shall incorporate a monitoring system for poverty indicators in accordance with the NAPC monitoring system.

**SECTION 3. Poorest Families.** — A minimum of one hundred poorest families in each participating barangay shall be identified as local cooperators for the community-based enterprises forming part of the Network. Identification shall be based on the Minimum Basic Needs (MBN) approach to be conducted by the Dept. of the Interior and Local Governments (DILG). Their minimum basic needs of survival, security and enabling services shall be addressed by the concerned agencies, through the NAPC.

**SECTION 4. Support Services.** — The NAPC shall coordinate the delivery of support services by concerned agencies consisting of (a) affordable and clean energy, (b) transportation facilities, (c) communication systems, (d) micro-enterprise development and (e) water systems. These support services shall cover the needs of the whole barangay and may be augmented by equipment.

SECTION 5. Technical and Financial Assistance. — The NAPC shall source technical and financial assistance to participating LGUs and community-based enterprises run by non-governmental organizations and peoples organizations. In this regard, the counter valued fund of the non-project grant assistance (NPGA CVF) of the Government of Japan is hereby earmarked for the network, subject to compliance of all donor requirements by the NAPC. Furthermore, the NAPC shall ensure the convergence of donor assistance to the network.

**SECTION 6. Network Committee.** — Implementation of this order shall be handled by a Network Committee under the NAPC consisting of the following:

Chairman - NAPC Vice-Chairperson, Government Sector

Vice-Chairman- NAPC NGO Sector Representative

Member - DILG Representative
Member - DENR Representative
Member - DA Representative

Member - NAPC Farmer Sector RepresentativeMember - NAPC Fisherfolk Sector Representative

**SECTION 7. Endowment Fund.** — A portion of the NPGA CVF shall be set aside as an endowment fund for the benefit of NGOs and POs implementing community-based enterprises through the conservation, protection and development of natural resources, especially those leading to biodiversity conservation and sustainable development. This sum may be added to an existing environmental endowment fund; provided, that the earnings from this contribution shall be administered separately from other funds, subject to such administrative agreements as may be agreed upon when the contribution is effected

**SECTION 8. Repealing and Separability Clause.** — This Order modifies, repeals, amends, revokes all previous issuances, orders, circulars inconsistent herewith. Uncontested provisions shall remain valid and binding should some parts herein be declared unconstitutional.

This Order takes effect immediately.

Done in Manila, this 15th day of June, in the Year of Our Lord, Twenty Hundred.

(Sgd.) JOSEPH EJERCITO ESTRADA

#### NO. 258

#### PRESCRIBING TIME STANDARDS IN THE ISSUANCE OF PERMITS FOR HOUSING PROJECTS

**WHEREAS**, the President declared mass housing as the centerpiece program of the Estrada administration through the issuance of Executive Order No. 159 dated 12 October 1999; and,

WHEREAS, Executive Order No. 159 (S. 1999) as amended by, Executive Order 216 (s. 2000) further strengthened the Housing and Urban - Development Coordinating Council and mandated it to coordinate al-id monitor the activities of all Government agencies undertaking housing projects, including those of local government units, to ensure the accomplishment of the government's housing program.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by, law, do hereby order:

Section 1. Prescribing Time Standards for the Issuance of Housing Permits. The following agencies of the national government shall adopt the following time standards in the issuance of permits for housing projects:

#### a. Housing and Land Use Regulatory Board

- Zoning Certifications and Indorsements within five (5) days upon receipt of completed application.
- Certificates of Registration (CR) and Licenses to Sell (LTS) within thirty (30) days upon receipt of completed application.

#### b. Department of Agriculture

• Certifications stating eligibility for reclassification of agricultural lands, including the National Irrigation Administration, (NIA) and Philippine Coconut Authority (PCA) certifications, within ten (10) days upon receipt of application and b3, the DA-Regional Field Unit.

#### c. Department of Agrarian Reform

• Conversion Order (CO) applications within thirteen (13) days upon receipt of completed application.

#### d. Department of Environment and Natural Resources

- National Integrated Protected Area System (NIPAS) Certification stating whether the project area is within or outside the NIPAS, within Five (5) days upon receipt of completed application.
- Issuance of Environmental Compliance Certificate (ECC) and Environmental Clearance (EC) applications within forty-five (45) days of application.
  - Verified survey returns within fifteen (15) days upon submission of survey returns to the DENR.

#### e. Laguna Lake Development Authority (DENR attached)

• LLDA Clearance for areas within its jurisdiction within fifteen (I 5) days upon receipt of completed application and conduct of inspection.

#### f. Land Registration Authority (DOJ attached)

• Titles of lots of approved housing projects within fifteen (15) days upon receipt of completed application.

#### g. Local Government Units

• Issuance of Development Permits within thirty (30) days upon receipt of completed application.

Section 2. <u>Formulation of Implementing Guidelines and Monitoring.</u> The HUDCC, - together with the concerned agencies, shall formulate the implementing guidelines of this order

within 45 days from the date of effectivity of this order. The HUDCC and DILG shall monitor the compliance of the concerned national government agencies a-rid the local government units,' respectively, with the provisions of this Order. In this regard, the HUDCC and DILG shall submit regular reports to the Presidential Commission on Mass Housing (PCMH).

The HUDCC and DILG may call on the support and assistance of other government agencies, bureaus and instrumentalities, including private sector organizations, in the implementation of this Order.

**Section 3.** <u>Separability Clause</u>. In the event any provision hereof is declared invalid by any competent court or tribunal, the other provisions hereof unaffected thereby shall remain in full force and effect

**Section 4.** <u>Effectivity</u>. This order shall take effect immediately.

**DONE** in the City of Manila, this 28<sup>th</sup> day of June in the year of Our Lord, Twenty Hundred.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By The President:

#### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

#### EXECUTIVE ORDER NO. 280

#### AMENDING EXECUTIVE ORDER NO. 45 DATED JANUARY 05, 1993 ADOPTING THE PHILIPPINE REFERENCE SYSTEM OF 1992 AS THE STANDARD REFERENCE SYSTEM OF SURVEYS IN THE PHILIPPINES

WHEREAS, the Philippine Reference System of 1992 (PRS 92) was adopted as the new standard reference of all surveying and mapping activities in the country pursuant to Executive Order No. 45, dated 5 January, 1993, due to the inability and inadequacy of the old system to meet the demands for highly accurate surveying and mapping programs of the government and to solve overlapping boundaries, land disputes/conflicts, and other land problem issues.

WHEREAS, the new System was also envisioned to support sustainable management and development of Environment and Natural Resources, and to establish more accurate special positioning for infrastructure activities;

**WHEREAS**, it is foreseen that the mandatory full implementation of the PRS 92 as standard reference of all surveying and mapping activities in the country by the year 2000 is impossible to attain due to some constraints.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:

**SECTION 1.** The third sentence of Section 2 of Executive Order No. 45 dated January 05, 1993 is hereby amended to read as follows:

"SEC. 2. x x x There shall be a transition period up to year 2005 to allow integration of the old surveys, after which only PRS 92 shall be recognized as the standard reference system for all surveys and maps in the country."

**SEC. 2.** This Order shall take effect immediately.

Done in the City of Manila, this 14<sup>th</sup> day of August, in the year of Our Lord, two thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA Executive Secretary

#### MALACAÑANG ADMINISTRATIVE ORDER NO. 108

## CREATING A PRESIDENTIAL TASK FORCE ON INDIGENOUS PEOPLES TO ENSURE THE IMMEDIATE IMPLEMENTATION OF THE INDIGENOUS PEOPLES RIGHTS ACT AND DEFINING THE FUNCTIONS THEREOF

**WHEREAS**, the indigenous peoples belong to the most marginalized sector of our society;

**WHEREAS**, the Indigenous Peoples Rights Act or IPRA, Republic Act. No. 8371, was enacted into law to provide the urgent attention needed by indigenous peoples for the delivery of basic government services premised on the full recognition of their rights;

**WHEREAS,** the constitutionality of the IPRA has been questioned in a pending case in the Supreme Court, 'Isagani Cruz and Cesar Europa vs. Sec. of DENR, et al. G.R. 135385";

**WHEREAS**, the pendency of the case has resulted in the delay of basic services delivery to the indigenous peoples, and created an ambiguity regarding the protection and recognition of their ancestral domain rights;

**WHEREAS,** legal issues have been raised regarding the interpretation of the law and its implementation such that the National Commission on Indigenous Peoples (NCIP) has not been able to function fully in accordance with the IPRA;

**WHEREAS**, the further delay in the delivery of basic services, especially those concerning the rights of indigenous peoples, will defeat the purpose of the IPRA and the Estrada Administration's poverty eradication program;

**WHEREAS,** the poverty eradication program of this Administration, in accordance with the Social Reform and Poverty

Alleviation Act, Republic Act No. 8425, has included the indigenous peoples as among the fourteen basic sectors that require focused, comprehensive and integrated assistance;

NOW THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, by virtue of the powers vested in me by law, hereby, order the creation of the Presidential Task Force on Indigenous Peoples (PTFIP) to ensure that the National Commission on Indigenous Peoples (NCIP) is able to fulfill its mandate so that the rights of the indigenous peoples are protected and recognized in accordance with the Constitution and the IPRA.

**Section 1.** The PTFIP shall be headed by a Chairman, designated by the President, from among the seven representatives of the following ethnographic regions, all of whom shall be appointed by the President:

Cordillera and Region I
Region II
Region III and the Rest of Luzon
Visayas and other Island Groups
Central Mindanao
Northwestern Mindanao
Southeastern Mindanao

The two other members shall be the Presidential Assistant for Poverty Eradication, NGO and PO (OPAPE/NGO/PO), pursuant to Memorandum Order No. 5, s. 1998, and the Executive Director of the National Commission on Indigenous Peoples.

#### **Section 2.** The powers and functions of the Task Force are:

(1) to assist the NCIP in the formulation of a comprehensive and integrated sustainable development plan for the indigenous peoples, focusing on the development of ancestral domains, particularly those that are covered by Certificates of Ancestral

- Domain Claim issued by the Dept. of Environment and Natural Resources, and such other official tenure instruments;
- (2) to ensure that the NCIP is able to screen, review and validate the applications for all the NCIP positions as provided for in the IPRA:
- (3) to provide the necessary technical and financial assistance to the NCIP regarding its recommendations to the President to resolve all conflicting issues, especially regarding resource use, within ancestral domains, officially declared or otherwise;
- (4) to ensure that the formulation of the implementing rules and regulations of the IPRA by the NCIP is in accordance with the procedures provided for in the IPRA; and
- (5) to perform such other functions as may be determined by the President.
- **Section 3.** The PTFIP shall meet once a month and shall submit its monthly report to the President, through the OPAPE/NGO/PO.
- **Section 4.** The OPAPE/NGO/PO and the NCIP shall provide the necessary secretariat services as well as technical assistance that the PTFIP may require. In view thereof, the amount of SIX MILLION PESOS is hereby ordered released to the OPAPE/NGO/PO from the Organizational Adjustment Fund to implement this Order.
- **Section 5.** The PTFIP shall cease to exist as soon as the Supreme Court renders its decision in the case of Isagani Cruz and Cesar Europa vs. Sec. of DENR, et al. G.R. 135385", or as may be earlier ordered by the President.

This Order takes effect immediately.

DONE in Manila, this  $10^{\rm th}$  day of February, in the Year of Our Lord Two Thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA Secretary

#### MALACAÑANG MEMORANDUM ORDER NO. 87

DIRECTING ALL HEADS OF DEPARTMENTS AND AGENCIES OF THE NATIONAL GOVERNMENT INCLUDING GOVERNMENT-OWNED OR CONTROLLED CORPORATIONS WITH ORIGINAL CHARTERS AND ALL CONCERNED OFFICIALS TO COMPLY WITH THE CAREER EXECUTIVE SERVICE PERFORMANCE EVALUATION (CESPES) OF THE CAREER EXECUTIVE SERVICE BOARD

**WHEREAS**, it is the paramount concern of all public officials to be accountable at all times to the people and to serve them with utmost responsibility, integrity, loyalty and efficiency,

**WHEREAS,** officials in the civil service especially those belonging to the Career Executive Service are obliged to maintain an acceptable level of performance to justify their continuance in office:

WHEREAS, the Career Executive Service Board (CESB) has been conducting an annual Career Executive Service Performance Evaluation System (CESPES) for the members of the Career Executive Service (CES) and occupants of CES positions;

WHEREAS, it has been noted that some superior officials are not religiously complying in giving performance rating to their subordinates thus resulting to the incomplete performance rating of said subordinate officials for a particular year;

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, by virtue of the power vested in me by law, do hereby order:

**SECTION 1.** The performance of members of the CES and occupants of CES positions shall be evaluated through the CES Performance Evaluation System (CESPES) conducted by the Career Executive Service Board.

- **SEC. 2.** All superior officials in the departments and agencies including government-owned and controlled corporations with original charters shall assess the performance of their subordinate officials who are members of the CES and those who are occupying CES positions and shall duly give them their appropriate performance rating for a particular year. Such performance rating shall be submitted to the CESB immediately after the performance evaluation period.
- **SEC. 3.** Those who will disregard this directive shall be liable for appropriate administrative sanctions pursuant to existing laws, rules and regulations.

#### **SEC. 4.** This Order shall take effect immediately.

Done in the City of Manila this 18<sup>th</sup> day of January in the year of Our Lord, Two Thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

#### (Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

#### MEMORANDUM ORDER NO. 110

#### DIRECTING THE PHILIPPINE COUNCIL FOR SUSTAINABLE DEVELOPMENT (PCSD) TO MAKE NECESSARY PREPARATIONS FOR AND EFFECTIVE PARTICIPATION IN THE TEN-YEAR REVIEW OF THE 1992 UNITED NATIONS CONFERENCE ON ENVIRONMENT AND DEVELOPMENT (UNCED) COMMITMENTS

WHEREAS, the Philippine Government formally adopted the principles of sustainable development embodied in the Rio Declaration adopted by the United Nations Conference on Environment and Development (UNCED) in Rio de Janeiro, Brazil in 1992:

**WHEREAS,** on June 28, 1997, the General Assembly of the United Nations passed Resolution No. A/RES/S-19/2 scheduling the next comprehensive review of progress achieved in the implementation of Agenda 21 by the General Assembly in the year 2002;

WHEREAS, on May 4, 2000, the Eighth session of the United Nations Commission on Sustainable Development (UNCSD) stressed the importance of early and effective preparations for the 2002 review and assessment of progress achieved in the implementation of Agenda 21 and further invited all government to undertake national review processes as early as possible;

WHEREAS, the PCSD was created by virtue of Executive Order (EO) 15 s. 1992 to initiate the formulation of Philippine Agenda 21 (PA 21) and was further mandated to review and ensure the implementation of the commitments made by the Philippines in the light of the UNCED and PA21 through EO No. 370, s. 1996;

**WHEREAS**, the LGUs were directed to formulate and implement sustainable integrated area development plans and Local Agenda 21 by virtue of Memorandum Order (MO) No. 47, s. 1999.

NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order the following:

**SECTION 1.** Preparations for and Participation in the Earth Summit + 10. — The PCSD is hereby directed to make all necessary preparations for the upcoming 10-year review of the Rio Declaration adopted by the UNCED and effectively participate in the Earth Summit + 10. It shall:

- a. review the progress of national implementation of the UNCED commitments made in 1992, specifically the implementation of the Action Agenda of PA 21;
- b. review the status of national implementation of all relevant international agreements related to sustainable development;
- c. in all aspects of the review, adopt a multi-stakeholder consultation process where government, business, labor and civil society shall participate. National government shall lead the review at the national and regional levels. Each sector is encouraged to conduct their respective sectoral reviews in preparation for the national and regional multi-stakeholder review. Local government units in coordination with the business, labor and civil society are encouraged to lead the conduct of the review at the community or grassroots level;
- d. coordinate the drafting of a report documenting the results of the review process and a revised Action Agenda for the period 2002-2007 in time for the ten-year review of the UNCED Agreement in 2002;
- e. participate, wherever possible, in preparatory meetings and events leading up to and including the Earth Summit + 10;
- f. take the lead in the drafting of a country statement for the Earth Summit + 10;

g. call on any and all government agencies, resource persons and other groups, as necessary, in the preparations for and participation in the Earth Summit + 10 and perform such other acts which are necessary to carry out its mandated functions and responsibilities.

SECTION 2. Collaborating Agencies. — All relevant government agencies, departments and instrumentalities are directed to participate in the review of the PA 21 Action Agenda and the formulation of a revised Action Agenda consistent with the principles, parameters and strategies of PA21. NEDA, as Chair of the PCSD, shall coordinate the over-all review process to ensure synergy and internal consistency. Moreover, as Chair of the Committee on Social and Economic Dimensions, it shall coordinate the review and revision of the action agenda across ecosystems. Furthermore, it shall call on the following agencies to lead in specific aspects of the review process:

- a. the Department of Environment and Natural Resources, as Chair of the PCSD-Committee on the Conservation and Management of Natural Resources shall take the lead in the review and revision of the action agenda related to environment and natural resources:
- the Department of the Interior and Local Government, as chair of the Committee on Strengthening the Role of Major Groups, to lead the review of the integration of sustainable development in governance;
- c. the Department of Science and Technology, as chair of the Committee on the Means of Implementation, to lead the review of the institutional capacities in implementing PA21; and
- d. the Philippine Information Agency, to lead in developing and implementing a Communication and Advocacy Campaign in support of the Earth Summit + 10 process. It shall seek the assistance of such other sectors as civil society (including mass media and academe) business and labor in advocating public acceptance of and support for the Earth Summit + 10 process, and in disseminating relevant information to as wide and varied an audience as possible.

SECTION 3. Role of the Department of Foreign Affairs. — The Department of Foreign Affairs (DFA) shall coordinate with the PCSD on all matters connected with the Earth Summit + 10 process. It shall facilitate the conduct of multi-stakeholder consultative workshops to review the implementation of international commitments related to sustainable development. It shall also endeavor, where possible, to include civil society and business representatives endorsed by the PCSD in official delegations to the United Nations in connection with the Earth Summit + 10 process.

**SECTION 4.** Role of Civil Society, Business and Labor Sectors. — The PCSD shall coordinate with civil society, business and the labor sectors in the review process. The Civil Society Counterpart Council for Sustainable Development is hereby enjoined to take the lead in coordinating the participation of civil society sectors in the review process of PA 21, preparation for and participation in the Earth Summit + 10. Efforts shall also be exerted to encourage business and labor organizations such as the Management Association of the Philippines and the Trade Union Congress of the Philippines to take the lead in coordinating the participation of their respective sectors.

**SECTION 5. Funding.** — Subject to prescribed budgetary guidelines, all government agency-members of the PCSD are directed to include in their FY 2001 Budget Appropriation an allocation to cover the operational requirements in compliance with this Order. LGUs are also directed to provide funds to cover their participation in the review process. The PCSD shall identify other funding sources for the purpose of this Order. Civil society and the business sector are, likewise, enjoined to contribute funds for activities related thereto in their respective sectors.

**SECTION 6. Separability Clause.** — If any of the provisions of this Order shall be declared unconstitutional, the other provisions of this order shall remain valid.

**SECTION 7. Effectivity.** — This Memorandum Order shall take effect immediately.

Done in the City of Manila, this 19th day of August, in the year of our Lord, Two Thousand.

(Sgd.) JOSEPH EJERCITO ESTRADA

#### PROCLAMATION NO. 226

CREATING AND DESIGNATING A CERTAIN PARCEL OF LAND OF THE PRIVATE DOMAIN SITUATED IN BARANGAY SAHUD-ULAN, MUNICI-PALITY OF TANZA, PROVINCE OF CAVITE, AS A SPECIAL ECONOMIC ZONE PURSUANT TO REPUBLIC ACT NO. 7916, AS AMENDED BY REPUBLIC ACT NO. 8748

Pursuant to the powers vested in me under Republic Act No. 7916, otherwise known as the Special Economic Zone Act of 1995, as amended by Republic Act No. 8748 (An Act Amending Republic Act 7916, otherwise known as the "Special Economic Zone Act of 1995") and upon recommendation of the Board of Directors of the Philippine Economic Zone Authority, 1, **JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby create and designate, subject to the provisions of Republic Act No. 7916, as amended, its implementing Rules and Regulations, and Resolution No. 99-135 dated 09 June 1999 of the Board of Directors of the Philippine Economic Zone Authority, an area located in Barangay Sahud-Ulan, Municipality of Tanza, Province of Cavite, as a special economic zone, consisting of ONE MILLION ONE HUNDRED SIXTY TWO THOUSAND TWO HUNDRED FORTY FOUR (1,162,244.00) SQUARE METERS, more or less, as defined by the following technical descriptions:

#### **LOT SP-04-001435**

A parcel of Land (Lots 2046-A to 2046-J, Psd-04-028173, Lot 2047-A, Psd318650, Lots 2047-B-1 to 2047-B-10, Psd-04-026172, Lot 1959-A & 1959-B, Psd321662, Lot 3252, Fls-1855, Lots I to 4, Psd-04-026173. Road Lots I to 3, Psd-04-026172, as shown on plan, Sp-04-001435, L.R.C. Record No.), situated in the Barangay of Sahud-Ulan, Municipality of Tanza, Province of Cavite. Bounded on the NE, & NW., along lines 1-2-3-4-5-6-7 by Lot 2475, Sta. Cruz de Malabon Estate; on the SE, & NW., along lines 7-8-9-10 by Patay na Ila Dam; on the NW., along line 10-11

by NIA Road; on the E., & NE., along lines 11-12-13-14-15-16 by Singo Dam (50.00 m. Wide); on the SE., & NE., along lines 16-17-18-19 by Lots 3254 & 3253; on the SE., along line 19-20 by Lot 3260; on the SW., & SE., along lines 20-21-12-23-24 by Lot 3251, all of Sta. Cruz de Malabon Estate; along lines 24-25-26 by Creek (20.00 m. Wide); on the SE, along line 26-27 by Lot 2045, Sta. Cruz de Malabon Estate; on the NE, & SW., along lines 27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43 by Creek (30.00 m. Wide); on the SW., along line 43-44 by Lot 1959-0; along line 44-45 by Lot 1959-C, both of (LRC) Psd-321662; on the SW., along lines 45-46-47-48-49-50-51-52-53-54-55-56-1 by Existing Barangay Road (10.00 m. Wide).

Beginning at a point marked "1" on plan being N. 81°30'W., 190.80 m. From Mon. No. 29, Sta. Cruz de Malabon Estate.

Thence	S. 81°34'E.,	120.00 m.	to	point 2;
Thence	S. 81°34′E.,	64.00 m.	to	point 3;
Thence	N. 52°09'E.,	88.88 m.	to	point 4;
Thence	N. 52°09'E.,	389.29 m.	to	point 5;
Thence	N. 52°09'E.,	94.73 m.	to	point 6;
Thence	N. 52°14′E.,	71.90 m.	to	point 7;
Thence	S. 26°34'W.,	76.20 m.	to	point 8;
Thence	N. 82°25'E.,	68.20 m.	to	point 9;
Thence	N. 04°46'E.,	156.40 m.	to	point 10;
Thence	N. 76°25'E.,	78.80 m.	to	point 11;
Thence	S. 03°56'W.,	69.90 m.	to	point 12;
Thence	S. 66°21′E.,	100.26 m.	to	point 13;
Thence	S. 66°21′E.,	230.44 m.	to	point 14;
Thence	S. 32°39'E.,	35.40 m.	to	point 15;
Thence	S. 70°22'E.,	47.00 m.	to	point 16;
Thence	S. 27°34'W.,	169.87 m.	to	point 17;
Thence	S. 27°34'W.,	107.11 m.	to	point 18;
Thence	S. 46°21′E.,	238.94 m.	to	point 19;
Thence	S. 39°31'W.,	228.34 m.	to	point 20;
Thence	N. 46°11'W.,	190.48 m.	to	point 21;

Thence	S. 27°34'W.,	162.64 m.	to	point 22;
Thence	S. 27°34'W.,	182.40 m.	to	point 23;
Thence	S. 70°03'W.,	74.20 m.	to	point 24;
Thence	N. 63°59'W.,	32.80 m.	to	point 25;
Thence	S. 09°01'W.,	591.95 m.	to	point 26;
Thence	S. 09°01'W.,	237.15 m.	to	point 27;
Thence	S. 13°40'E.,	56.30 m.	to	point 28;
Thence	N. 74°45'W.,	64.80 m.	to	point 29;
Thence	N. 43°16'W.,	59.00 m.	to	point 30;
Thence	N. 15°26'W.,	62.80 m.	to	point 31;
Thence	N. 66°12'W.,	79.60 m.	to	point 32;
Thence	N. 62°57W.,	40.50 m.	to	point 33;
Thence	N. 22°10'W.,	22.80 m.	to	point 34;
Thence	N. 41°05'W.,	22.80 m.	to	point 35;
Thence	N. 74°08'W.,	16.00 m.	to	point 36;
Thence	N. 58°24'W.,	76.00 m.	to	point 37;
Thence	N. 59°50'W.,	14.70 m.	to	point 38;
Thence	N. 76°07'W.,	12.00 m.	to	point 39;
Thence	N. 37°44'W.,	33.20 m.	to	point 40;
Thence	N. 51°25'W.,	19.20 m.	to	point 41;
Thence	N. 63°13'W.,	18.30 m.	to	point 42;
Thence	N. 59°46'W.,	23.60 m.	to	point 43;
Thence	N.52°14'W.,	38.11 m.	to	point 44;
Thence	N.52°14'W.,	132.11 m.	to	point 45;
Thence	N. 03°35'W.,	43.79 m.	to	point 46;
Thence	N. 03°35'W.,	28.58 m.	to	point 47;
Thence	N. 01°47'W.,	56.07 m.	to	point 48;
Thence	N. 00°58'E.,	115.75 m.	to	point 49;
Thence	N. 00°58'E.,	62.99 m.	to	point 50;
Thence	N. 53°00'E.,	5.26 m.	to	point 51;
Thence	due North	55.17 m.	to	point 52;
Thence	due North	17.66 m.	to	point 53;
Thence	due North	193.17 m.	to	point 54;
Thence	due North	155.07 m.	to	point 55;
Thence	due North	14.83 m.	to	point 56;
Thence	due North	237.00 m.	to	point of

beginning, containing an area of ONE MILLION ONE HUNDRED NINETY ONE THOUSAND FOUR HUNDRED FORTY SEVEN (1,191,447.00) SQUARE METERS except Lot No.2047-A containing an area of 29,203 sq. meter. All points referred to are indicated on the plan and are marked on the grounds by P.S. cyl. conc. mons 15x60 cm.; bearings true; date of original survey, and was approved on July 27, 1999.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 10<sup>th</sup> day of January in the year of Our Lord, two thousand.

(Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

### AUTHORIZING THE DON BOSCO YOUTH CENTER -TONDO, INC. TO CONDUCT A NATIONAL FUND CAMPAIGN FOR A PERIOD OF ONE (1) YEAR

**WHEREAS,** the Don Bosco Youth Center (DBYC) - Tondo is a non-stock, non-profit religious and charitable institution committed to uplift the quality of life of the poor constituents of Barrio Magsaysay, Tondo, particularly its youth;

**WHEREAS,** the DBYC - Tondo needs assistance to enable it to pursue its lofty objectives;

**NOW, THEREFORE, I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, by virtue of the powers vested in me by law, do hereby authorize the Don Bosco Youth Center - Tondo, Inc. to conduct a national fund campaign for a period of one (1) year effective upon the promulgation of this Proclamation.

**IN WITNESS WHEREOF**, I have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 10<sup>th</sup> day of January in the year of Our Lord, two thousand.

#### (Sgd.) JOSEPH EJERCITO ESTRADA

By the President:

(Sgd.) RONALDO B. ZAMORA

**Executive Secretary** 

ESTABLISHING AS KABULNAN RIVER WATERSHED
FOREST RESERVE FOR THE PURPOSE OF
PROTECTING, MAINTAINING OR IMPROVING THE
WATER YIELD AND PROVIDING RESTRAINING
MECHANISM FOR INAPPROPRIATE FOREST
EXPLOITATION AND DISRUPTIVE LAND-USE, A
CERTAIN PARCEL OF LAND OF THE PUBLIC DOMAIN
SITUATED IN THE MUNICIPALITIES OF ESPERANZA,
ISULAN, BAGUMBAYAN, NINOY AQUINO,
KALAMANSIG AND PALEMBANG, ALL IN THE
PROVINCE OF SULTAN KUDARAT, MUNICIPALITY OF
AMPATUAN IN THE PROVINCE OF MAGUINDANAO
AND MUNICIPALITY OF LAKE SEBU IN THE PROVINCE
OF SOUTH COTABATO, PHILIPPINES

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested in me by JOSEPH EJERCITO ESTRADA. President of the Philippines, do hereby withdraw from entry, sale, disposition or settlement, and set aside as KABULNAN RIVER WATERSHED FOREST RESERVE, subject to private rights, if there be any, and without prejudice to the rights of the Indigenous Cultural Communities, as provided for in Republic Act No. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, and to the operations of previous proclamations reserving any portion thereof for specific purposes, and to the implementation of forestry development programs consistent with the objectives of the proclamation as may be determined by the Secretary, Department of Environment and Natural Resources, a certain parcel of land of the public domain located at the municipalities of Esperanza, Isulan, Bagumbayan, Ninoy Aquino, Kalamansig, and Palembang all in the province of Sultan Kudarat, municipality of Ampatuan in the province of Maguindanao and municipality of Lake Sebu in the province of South Cotabato,

Philippines, as shown in the FMB Map No. WR-121, more particularly described as follows:

Beginning at Corner 1, a point at elevation 732 meters above sea level, being South 52°11' West, 7,241 meters from BLLM No. 1, PLS 440 D at 6°51'30.16" North Latitude and 124°26'06" East Longitude;

Thence South 53°00' East, 3,700 meters to corner 2, a point on top of ridge, elevation 396 meters above sea level;

Thence South 34°00' West, 2,340 meters to corner 3, a point on top of ridge, elevation 690 meters above sea level;

Thence South 21°30' West, 2,000 meters to corner 4, a point on top of hill;

Thence South 70°00' West, 1,200 meters to corner 5, a point on top of ridge, elevation 941 meters above sea level;

Thence South 17°00' West, 950 meters to corner 6, a point on top of hill;

Thence South 58°00' East, 600 meters to corner 7, a point on top of hill;

Thence South 22°30' West, 1,100 meters to corner 8, a point on top of hill, elevation 1,002 meters above sea level;

Thence North 82°30' East, 850 meters to corner 9, a point on top of hill;

Thence South 56°00' East, 1,450 meters to corner 10, a point on top of ridge, elevation 1.205 meters above sea level:

Thence South 35°00' East, 1,750 meters to corner 11, a point on top of ridge, elevation 1,068 meters above sea level;

Thence South 60°00' East, 1,600 meters to corner 12, a point on top of ridge, elevation 1.098 meters above sea level:

Thence South 18°00' East, 1,700 meters to corner 13, a point on top of ridge, elevation 1,042 meters above sea level;

Thence South 23°00' East, 3,150 meters to corner 14, a point on top of ridge, elevation 1,247 meters above sea level;

Thence South 32°30' East, 1,400 meters to corner 15, a point on top of ridge, elevation 1,212 meters above sea level;

Thence South 80°00' East, 2,300 meters to corner 16, a point on top of ridge, elevation 814 meters above sea level;

Thence South 27°00' West, 2,000 meters to corner 17, a point on top of ridge, elevation 1,368 meters above sea level;

Thence South 13°00' East, 3,600 meters to corner 18, a point on top of ridge, elevation 1.856 meters above sea level:

Thence South 43°00' East, 1,300 meters to corner 19, a point on top of ridge, elevation 1,904 meters above sea level;

Thence South 45°00' East, 3,700 meters to corner 20, a point on top of ridge, elevation 1,702 meters above sea level;

Thence South 33°00' West, 4,900 meters to corner 21, a point on top of mountain:

Thence South 58°00' East, 3,900 meters to corner 22, a point on top of ridge, elevation 1,109 meters above sea level;

Thence South 49°00' East, 1,100 meters to corner 23, a point on top of ridge, elevation 1,208 meters above sea level;

Thence South 13°00' East, 1,900 meters to corner 24, a point on top of ridge, elevation 786 meters above sea level;

Thence South 67°00' West, 2,700 meters to corner 25, a point on top of ridge, elevation 1,084 meters above sea level;

Thence South 64°00' East, 2,250 meters to corner 26, a point on top of ridge, elevation 1,268 meters above sea level;

Thence South 43°00' East, 1,550 meters to corner 27, a point on top of ridge, elevation 1,210 meters above sea level;

Thence South 29°00' East, 1,200 meters to corner 28, a point on top of ridge, elevation 1,276 meters above sea level;

Thence South 63°00' East, 1,450 meters to corner 29, a point on top of ridge, elevation 1,504 meters above sea level;

Thence South 32°00' East, 1,400 meters to corner 30, a point on top of ridge, elevation 1,316 meters above sea level;

Thence South 74°00' East, 2,300 meters to corner 31, a point on top of ridge, elevation 1,346 meters above sea level;

Thence South 28°00' West, 1,950 meters to corner 32, a point on top of ridge, elevation 1,300 meters above sea level;

Thence South 50°00 West, 1,200 meters to corner 33, a point on top of ridge, elevation 1,268 meters above sea level;

Thence South 55°00' West, 1,450 meters to corner 34, a point on top of ridge, elevation 1,170 meters above sea level, identical to corner 61 of the Allah Watershed Forest Reserve;

Thence South 24°00' East, 1,050 meters to corner 35, a point on top of ridge, elevation 1,158 meters above sea level, identical to corner 60 of the Allah Watershed Forest Reserve:

Thence South 36°00' West, 1,975 meters to corner 36, a point on top of ridge, elevation 1,142 meters above sea level, identical to corner 59 of the Allah Watershed Forest Reserve;

Thence South 18°00' East, 1,425 meters to corner 37, a point on top of ridge, elevation 1,194 meters above sea level, identical to corner 58 of the Allah Watershed Forest Reserve:

Thence South 42°00' West, 2,850 meters to corner 38, a point on top of the ridge, elevation 1,230 meters above sea level, identical to corner 57 of the Allah Watershed Forest Reserve;

Thence South 15°00' East, 1,075 meters to corner 39, a point on the slope;

Thence South 15°00' West, 2,500 meters to corner 40, a point on top of ridge, elevation 984 meters above sea level;

Thence South 30°00' West, 1,950 meters to corner 41, a point on top of ridge, elevation 986 meters above sea level;

Thence South 35°00' East, 1,850 meters to corner 42, a point on top of ridge, elevation 984 meters above sea level, identical to corner 53 of the Allah Watershed Forest Reserve;

Thence South 49°00' East, 1,700 meters to corner 43, a point on top of ridge, elevation 1,050 meters above sea level, identical to corner 52 of the Allah Watershed Forest Reserve:

Thence South 13°00' West, 2,450 meters to corner 44, a point on top of ridge, elevation 1,051 meters above sea level;

Thence South 38°00' East, 1,425 meters to corner 45, a point on top of ridge, elevation 1,168 meters above sea level, identical to corner 51 of the Allah Watershed Forest Reserve:

Thence South 01°00' East, 1,500 meters to corner 46, a point on top of ridge, elevation 1,144 meters above sea level identical to corner 50 of the Allah Watershed Forest Reserve;

Thence South 55°00' West, 1,550 meters to corner 47, a point on top of ridge, elevation 1,012 meters above sea level;

Thence North 47°00' West, 1,925 meters to corner 48, a point on top of ridge, elevation 908 meters above sea level;

Thence North 21°00' West, 2,100 meters to corner 49, a point on top of ridge, elevation 924 meters above sea level;

Thence South 73°00' West, 2,500 meters to corner 50, a point on top of ridge, elevation 896 meters above sea level;

Thence South 42°00' West, 1,000 meters to corner 51, a point on top of ridge;

Thence North 80°00' West, 2,150 meters to corner 52, a point on top of ridge, elevation 870 meters above sea level;

Thence North 12°00' East, 2,100 meters to corner 53, a point on top of ridge, elevation 936 meters above sea level;

Thence North 15°00' West, 3,600 meters to corner 54, a point on top of ridge, elevation 926 meters above sea level;

Thence North 40°00' West, 2,050 meters to corner 55, a point on top of ridge, elevation 948 meters above sea level;

Thence South 87°00' West, 2,325 meters to corner 56, a point on top of ridge, elevation 912 meters above sea level;

Thence North 84°00' West, 3,300 meters to corner 57, a point on top of ridge, elevation 952 meters above sea level:

Thence South 85°00' West, 1,600 meters to corner 58, a point on top of ridge, elevation 962 meters above sea level;

Thence North 49°00' West, 2,700 meters to corner 59, a point on top of ridge, elevation 1,022 meters above sea level;

Thence North 42°00' West, 3,050 meters to corner 60, a point on top of ridge, elevation 1,090 meters above sea level;

Thence South 67°00' West, 3,800 meters to corner 61, a point on top of ridge, elevation 1.582 meters above sea level:

Thence South 47°00' West, 960 meters to corner 62, a point on top of ridge, elevation 1,662 meters above sea level;

Thence South 22°00' West, 800 meters to corner 63, a point on top of ridge, elevation 1,648 meters above sea level;

Thence South 76°00' West, 2,120 meters to corner 64, a point on top of ridge, elevation 1,662 meters above sea level;

Thence North 33°00' West, 2,050 meters to corner 65, a point on top of ridge, elevation 1,720 meters above sea level;

Thence North 71°00' West, 1,650 meters to corner 66, a point on top of ridge, elevation 1,626 meters above sea level;

Thence South 78°00' West, 1,700 meters to corner 67, a point on top of ridge, elevation 1,486 meters above sea level;

Thence South 81°00' West, 1,150 meters to corner 68, a point on top of hill;

Thence North 48°00' West, 1,200 meters to corner 69, a point on the slope;

Thence North 58°00' East, 1,000 meters to corner 70, a point on top of ridge, elevation 1,330 meters above sea level;

Thence North 07°00' West, 1,800 meters to corner 71, a point on top of ridge, elevation 1,166 meters above sea level;

Thence North 56°00' West, 1,900 meters to corner 72, a point on top of ridge, elevation 1,116 meters above sea level;

Thence North 73°00' West, 1,450 meters to corner 73, a point on top of ridge, elevation 1,166 meters above sea level;

Thence North 61°00 West, 1,050 meters to corner 74, a point on top of ridge, elevation 1.252 meters above sea level:

Thence North 41°00' East, 1,250 meters to corner 75, a point on top of ridge, elevation 1,317 meters above sea level;

Thence North 32°00' East, 1,800 meters to corner 76, a point on top of ridge, elevation 1,372 meters above sea level;

Thence North 02°30' West 2,150 meters to corner 77, a point on top of ridge, elevation 1,370 meters above sea level;

Thence North 36°00' West, 1,550 meters to corner 78, a point on top of ridge, elevation 1,422 meters above sea level;

Thence South 60°00' West, 1,600 meters to corner 79, a point on top of ridge, elevation 1,384 meters above sea level;

Thence North 24°00' West, 2,250 meters to corner 80, a point on top of ridge, elevation 1,492 meters above sea level;

Thence South 79°00' East, 1,950 meters to corner 81, a point on top of ridge, elevation 1,444 meters above sea level;

Thence North 52°00' East, 880 meters to corner 82, a point on top of hill;

Thence North 82°00' East, 1,750 meters to corner 83, a point on top of ridge, elevation 1,336 meters above sea level;

Thence North 81°00' East, 2,400 meters to corner 84, a point on top of ridge, elevation 1,584 meters above sea level;

Thence North 51°00' East, 2,650 meters to corner 85, a point on top of ridge, elevation 1,318 meters above sea level;

Thence North 78°30' East, 1,950 meters to corner 86, a point on top of ridge, elevation 1,248 meters above sea level;

Thence North 72°00' East, 820 meters to corner 87, a point on top of ridge, elevation 1,032 meters above sea level;

Thence South 81°00' East, 1,700 meters to corner 88, a point on top of ridge, elevation 1,030 meters above sea level;

Thence North 21°00' East, 1,900 meters to corner 89, a point on top of ridge, elevation 868 meters above sea level;

Thence North 37°00' East, 1,450 meters to corner 90, a point on top of ridge, elevation 956 meters above sea level;

Thence North 76°00' East, 2,200 meters to corner 91, a point on top of ridge, elevation 908 meters above sea level;

Thence North 72°00' East, 1,300 meters to corner 92, a point on top of ridge, elevation 804 meters above sea level;

Thence South 75°00' East, 1,800 meters to corner 93, a point on top of ridge, elevation 832 meters above sea level;

Thence North 10°00' West, 2,100 meters to corner 94, a point on top of ridge, elevation 904 meters above sea level;

Thence North 26°00' East, 1,550 meters to corner 95, a point on top of ridge, elevation 766 meters above sea level;

Thence North 11°00' West, 3,150 meters to corner 96, a point on top of ridge, elevation 756 meters above sea level;

Thence North 53°00' West, 2,200 meters to corner 97, a point on top of ridge, elevation 808 meters above sea level:

Thence North 14°00' East, 2,700 meters to corner 98, a point on top of ridge, elevation 592 meters above sea level;

Thence DUE NORTH, 1,700 meters to corner 99, a point on top of ridge, elevation 589 meters above sea level;

Thence North 31°00' West, 1,750 meters to corner 100, a point on top of ridge, elevation 668 meters above sea level;

Thence North 40°00' East, 1,950 meters to corner 101, a point on top of ridge, elevation 751 meters above sea level;

Thence North 20°00' East, 1,800 meters to corner 102, a point on top of ridge, elevation 706 meters above sea level;

Thence North 21°00' West, 750 meters to corner 103, a point on top of ridge, elevation 710 meters above sea level;

Thence DUE WEST, 1,700 meters to corner 104, a point on top of ridge, elevation 776 meters above sea level;

Thence North 62°00' West, 650 meters to corner 105, a point on top of hill;

Thence South 88°00' West, 1,900 meters to corner 106, a point on top of hill;

Thence North 59°00' East, 1,660 meters to corner 107, a point on top of hill;

Thence North 44°00' East, 900 meters to corner 108, a point on top of ridge, elevation 665 meters above sea level:

Thence North 70°00' West, 1,700 meters to corner 109, a point on top of ridge, elevation 776 meters above sea level:

Thence North 53°00' West, 1,400 meters to corner 110, a point on top of ridge, elevation 610 meters above sea level:

Thence North 12°00' West, 1,350 meters to corner 111, a point on top of ridge, elevation 654 meters above sea level;

Thence North 31°00' East, 1,600 meters to corner 112, a point on top of ridge, elevation 508 meters above sea level;

Thence North 31°30' East, 2,200 meters to corner 113, a point on top of hill;

Thence North 32°00' West, 1,000 meters to corner 114, a point on top of ridge, elevation 704 meters above sea level;

Thence North 33°00' East, 1,850 meters to corner 115, a point on top of hill;

Thence South 49°00' East, 850 meters to corner 116, a point on top of ridge, elevation 756 meters above sea level;

Thence North 76°00' East, 950 meters to corner 117, a point on top of hill;

Thence North 20°00' East, 1,300 meters to corner 118, a point on top of hill;

Thence North 77°00' East, 1,200 meters to corner 119, a point on top of ridge, elevation 728 meters above sea level;

Thence North 48°00' East, 2,800 meters to corner 120, a point on top of ridge, elevation 808 meters above sea level;

Thence North 21°00' East, 2,300 meters to corner 121, a point on top of ridge, elevation 648 meters above sea level;

Thence North 51°00' East, 1,950 meters to corner 122, a point on top of ridge, elevation 678 meters above sea level:

Thence North 23°00' East, 1,500 meters to corner 1, the point of beginning containing an area of ONE HUNDRED SIXTEEN THOUSAND FOUR HUNDRED FIFTY ONE AND 83/100 (116,451.83) hectares more or less.

The area covered by the reservation shall be under the administrative jurisdiction, supervision and control of the Department of Environment and Natural Resources, through the Forest Management Bureau, in coordination with other government agencies under sustainable multiple-use management without impairing its usefulness as source of water for domestic use, agricultural and other related purposes. The Kabulnan Watershed Multi-Sectoral Management Council (KWMMC) organized under the Memorandum of Agreement dated September 18, 1996 between the Local Government Units concerned, the Department of Environment and Natural Resources, the Mines and Geosciences Bureau, the Department of Public Works and Highways, the National Irrigation Administration, and Non-Government Organization shall act as the policy making body over the watershed area.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE LIDLIDDA WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITIES OF LIDLIDDA AND BANAYOYO, PROVINCE OF ILOCOS SUR, ISLAND OF LUZON AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS LIDLIDDA PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, do hereby set aside and declare Lidlidda Watershed Forest Reserve situated in the Municipalities of Lidlidda and Banayoyo, Province of Ilocos Sur, Island of Luzon as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R1-07.

Beginning at point marked on Parcel 1, being identical to Corner 1 is N 88°W about 500 m. from Poblacion of Lidlidda, Ilocos Sur;

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Thence S 18°1'48"W
                      289.686 m.
                                    to point 2;
                                    to point 3:
Thence S 20°0'51"E
                      219.741 m.
Thence S 0°59'29"E
                      169.797 m.
                                    to point 4;
Thence S 2°59'38"E
                      259.688 m.
                                    to point 5;
Thence S 51°3'33"W
                      219.863 m.
                                    to point 6;
Thence S 60°3'16"W
                                    to point 7;
                      209.844 m.
Thence S 10°0'8"E
                      179.783 m.
                                    to point 8;
                      519.881 m.
Thence S 87°4'4"E
                                    to point 9;
Thence S 44°3'15"W
                      229.829 m.
                                    to point 10;
Thence S 29°1'29"E
                      199.775 m.
                                    to point 11;
Thence S 13°0'21"E
                      219.736 m.
                                    to point 12;
Thence S 83°4'0"E
                      89.972 m.
                                    to point 13;
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Thence N 49°56'29"E 200.128 m.
                                    to point 14;
Thence N 51°56'24"E 260.157 m.
                                    to point 15;
Thence S 32°1'41"E
                      219.758 m.
                                    to point 16;
Thence S 8°1'8"W
                      179.792 m.
                                    to point 17;
Thence S 60°3'16"E
                      139.896 m.
                                    to point 18;
Thence S 67°4'0"W
                      399.875 m.
                                    to point 19;
Thence S 70°3'39"E
                      489.723 m.
                                    to point 20;
Thence S 56°3'4"E
                      89.928 m.
                                    to point 21;
Thence S 48°2'40"E
                      699.355 m.
                                    to point 22;
Thence N 38°56'58"E 180.148 m.
                                    to point 23;
Thence N 47°57'20"W 580.535 m.
                                    to point 24;
Thence N 34°57'10"E 110.097 m.
                                    to point 25;
Thence N 47°57'20"W 120.111 m.
                                    to point 26;
Thence N 9°58'43"E
                      50.057 m.
                                    to point 27;
Thence N 56°56'14"E 330.168 m.
                                    to point 28;
Thence N 25°58'43"W 480.550 m.
                                    to point 29;
Thence N 67°55'58"E 190.056 m.
                                    to point 30;
Thence N 64°56'2"E
                      160.057 m.
                                    to point 31;
Thence S 59°3'13"E
                      399.697 m.
                                    to point 32;
Thence S 5°59'51"E
                      799.036 m.
                                    to point 33;
Thence S 26°1'17"E
                      379.565 m.
                                    to point 34;
Thence S 28°1'25"E
                      329.627 m.
                                    to point 35;
Thence S 40°2'11"E
                      319.673 m.
                                    to point 36;
Thence S 65°3'57"W
                      339.880 m.
                                    to point 37;
Thence S 79°41'8"W
                      2.688.765 m.
                                    to point 38;
Thence N 75°33'10"W 247.173 m.
                                    to point 39;
Thence N 37°57'55"W 490.511 m.
                                    to point 40;
Thence N 2°59'12"E
                      140.166 m.
                                    to point 41;
Thence N 31°57'20"E 160.148 m.
                                    to point 42;
Thence N 15°58'19"E 140.154 m.
                                    to point 43;
Thence N 31°58'18"W 240.264 m.
                                    to point 44;
Thence N 31°58'18"W 230.253 m.
                                    to point 45;
Thence N 16°59'21"W 150.179 m.
                                    to point 46;
Thence N 7°58'51"E
                      260.301 m.
                                    to point 47;
Thence S 78°4'7"W
                      209.982 m.
                                    to point 48;
Thence N 28°58'30"W 210.236 m.
                                    to point 49;
Thence N 68°55'57"E 70.019 m.
                                    to point 50;
Thence N 7°0'4"W
                      120.145 m.
                                    to point 51;
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Thence N 24°58'47"W 280.323 m.
                                    to point 52;
Thence N 33°58'11"W 160.173 m.
                                    to point 53;
Thence S 85°4'2"E
                      299.919 m.
                                    to point 54;
Thence N 6°0'8"W
                      100.120 m.
                                    to point 55;
Thence N 69°56'20"W 180.102 m.
                                    to point 56;
Thence N 51°57'7"W
                      100.087 m.
                                    to point 57;
Thence S 79°4'8"W
                      169.989 m.
                                    to point 58;
Thence S 22°2'4"W
                      139.854 m.
                                    to point 59;
Thence S 79°3'35"E
                      189.926 m.
                                    to point 60;
Thence S 34°1'49"E
                      159.827 m.
                                    to point 61;
Thence S 22°2'4"W
                      89.906 m.
                                    to point 62;
Thence S 19°0'47"E
                      159.811 m.
                                    to point 63;
Thence S 15°0'30"E
                      169.797 m.
                                    to point 64;
Thence S 29°1'29"E
                      209.764 m.
                                    to point 65;
Thence S 17°1'44"W
                      289.683 m.
                                    to point 66;
Thence N 34°58'7"W
                      180.193 m.
                                    to point 67;
Thence N 12°59'38"W 140.168 m.
                                    to point 68;
Thence N 42°57'37"W 200.197 m.
                                    to point 69;
Thence N 46°57'23"W 330.309 m.
                                    to point 70;
Thence N 70°56'18"W 220.120 m.
                                    to point 71;
                                    to point 72;
Thence S 66°3'58"W
                      139.953 m.
Thence N 36°57'59"W 280.295 m.
                                    to point 73;
Thence S 67°4'0"W
                      219.931 m.
                                    to point 74;
Thence S 76°4'7"W
                      259.967 m.
                                    to point 75;
Thence N 81°56'1"W
                      100.033 m.
                                    to point 76;
Thence N 39°56'55"E
                     200.161 m.
                                    to point 77;
Thence N 70°55'56"E
                     300.069 m.
                                    to point 78;
Thence N 62°56'5"E
                      200.079 m.
                                    to point 79;
Thence N 81°55'51"E
                      300.000 m.
                                    to point 80;
Thence N 12°58'31"E
                      80.090 m.
                                    to point 81;
Thence N 38°56'58"E
                     220.181 m.
                                    to point 82;
Thence N 82°55'51"E
                      179.997 m.
                                    to point 83;
Thence N 19°59'8"W
                      130.153 m.
                                    to point 84;
Thence N 75°55'52"E
                     420.054 m.
                                    to point 85;
Thence S 77°3'52"E
                      139.940 m.
                                    to point 86;
Thence S 56°3'4"E
                      159.871 m.
                                    to point 87;
Thence S 0°59'29"E
                      149.821 m.
                                    to point 88;
Thence N 32°57'17"E 330.300 m.
                                    to point 89;
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Thence N 11°59'42"W		to point 90;
Thence N 53°57'1"W	50.042 m.	to point 91;
Thence S 20°1'56"W	209.776 m.	to point 92;
Thence N 84°55'57"W	240.065 m.	to point 93;
Thence N 32°57'17"E	200.182 m.	to point 94;
Thence N 52°56'22"E	330.193 m.	to point 95;
Thence N 49°57'13"W	60.054 m.	to point 96;
Thence S 62°3'53"W	239.901 m.	to point 97;
Thence N 4°0'17"W	190.228 m.	to point 98;
Thence N 22°57'52"E	310.320 m.	to point 99;
Thence S 72°4'4"W	79.983 m.	to point 100;
Thence S 29°2'29"W	179.827 m.	to point 101;
Thence S 2°0'43"W	279.668 m.	to point 102;
Thence S 88°4'7"W	120.015 m.	to point 103;
Thence N 9°59'51"W	180.217 m.	to point 104;
Thence S 77°4'7"W	89.991 m.	to point 105;
Thence S 3°59'42"E	379.543 m.	to point 106;
Thence S 37°2'55"W	149.872 m.	to point 107;
Thence S 74°4'6"W	339.943 m.	to point 108;
Thence S 66°3'58"W	229.900 m.	to point 109;
Thence N 38°57'52"W	290.300 m.	to point 110;
Thence N 28°57'30"E	270.260 m.	to point 111;
Thence N 41°56'49"E	300.233 m.	to point 112;
Thence N 27°57'34"E	200.195 m.	to point 113;
Thence N 23°57'48"E	340.347 m.	to point 114;
Thence N 31°57'20"E	220.203 m.	to point 115;
Thence N 73°55'53"E	280.047 m.	to point 116;
Thence N 9°58'43"E	130.149 m.	to point 117;
Thence N 19°59'8"W	190.224 m.	to point 118;
Thence N 9°58'43"E	180.206 m.	to point 119;
Thence N 59°56'44"W	130.096 m.	to point 120;
Thence S 17°1'44"W	219.760 m.	to point 121;
Thence S 48°3'26"W	229.845 m.	to point 122;
Thence N 73°56'13"W	90.044 m.	to point 123;
Thence N 33°57'13"E	240.215 m.	to point 124;
Thence N 28°57'30"E	220.212 m.	to point 125;
Thence N 28°57'30"E	140.135 m.	to point 126;
Thence N 15°58'19"E	120.132 m.	to point 127;
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Thence S 77°3'52"E
                      119.948 m.
                                    to point 128;
Thence N 38°56'58"E
                     80.066 m.
                                    to point 129;
Thence N 89°55'53"E
                     219.963 m.
                                    to point 130;
Thence N 84°55'51"E 219.986 m.
                                    to point 131;
Thence S 54°2'59"E
                      199.833 m.
                                    to point 132;
Thence S 1°59'34"E
                      129.844 m.
                                    to point 133;
Thence N 73°55'53"E
                     100.017 m.
                                    to point 134;
Thence N 37°57'1"E
                      160.134 m.
                                    to point 135;
Thence N 16°59'21"W 160.190 m.
                                    to point 136;
Thence N 8°58'47"E
                      130.150 m.
                                    to point 137;
Thence S 74°3'47"E
                     229.888 m.
                                    to point 138;
Thence N 82°55'51"E 149.997 m.
                                    to point 139;
Thence S 8°0'0"E
                      179.783 m.
                                    to point 140;
Thence S 19°0'47"E
                      179.787 m.
                                    to point 141;
Thence S 60°3'50"W
                      129.941 m.
                                    to point 142;
Thence N 89°55'53"E 189.968 m.
                                    to point 143;
Thence S 13°0'21"E
                      199.760 m.
                                    to point 144;
Thence S 41°3'7"W
                     239.810 m.
                                    to point 145;
Thence S 44°3'15"W
                     219.837 m.
                                    to point 146;
Thence N 58°56'46"W 100.076 m.
                                    to point 147;
Thence S 46°3'21"W
                     89.936 m.
                                    to point 148;
Thence S 78°3'53"E
                     79.967 m.
                                    to point 149;
Thence S 58°3'10"E
                     79.938 m.
                                    to point 150;
Thence S 42°2'19"E
                      129.870 m.
                                    to point 151;
Thence S 21°0'56"E
                     49.941 m.
                                    to point 152;
Thence S 65°3'57"W
                     259.908 m.
                                    to point 153;
Thence S 30°1'33"E
                      119.866 m.
                                    to point 1;
to the point of beginning, containing an area of One Thousand
Seventy-Nine and 2490/100 (1,079.2490) Hectares, more or less as
Parcel 1.
Thence N 0°30'35"E
                     239.239 m
                                    to point 2;
Thence N 67°21'55"E 100.693 m
                                    to point 3;
Thence N 74°18'52"E 201.531 m
                                    to point 4;
Thence N 16°33'55"W 79.549 m
                                    to point 5;
Thence N 66°22'19"W 30.204 m
                                    to point 6;
Thence S 11°27'41"E
                     100.488 m
                                    to point 7;
Thence S 17°27'36"W 700.250 m
                                    to point 8;
                                    to point 9;
Thence S 12°27'23"E 582.260 m
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Thence S 63°36'33"W 1,629.275 m
                                   to point 10;
Thence N 45°29'14"E 120.484 m
                                   to point 11;
Thence N 30°39'24"W 208.467 m
                                   to point 12;
Thence N 58°25'22"E 251.462 m
                                   to point 13;
Thence S 88°49'35"E 161.428 m
                                   to point 14;
                                   to point 15;
Thence N 4°31'15"E 159.593 m
Thence N 9°31'45"W 189.113 m
                                   to point 16;
Thence N 88°11'59"E 474.116 m
                                   to point 17;
Thence N 56°26'3"E 412.290 m
                                   to point 18;
Thence N 13°32'56"W 208.902 m
                                   to point 19;
                                   to point 20;
Thence N 19°34'58"W 278.313 m
Thence N 48°28'28"E 291.298 m
                                   to point 1;
```

to the point of beginning, containing an area of Seventy-Eight and 1889/100 (78.1889) Hectares, more or less, as Parcel II.

The protected area covering Parcels I and II shall have a total aggregate area of approximately One Thousand One Hundred Fifty - Seven and 4379/100 (1,157.4379) Hectares subject to actual ground survey. It shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE SIMBAHAN-TALAGAS RIVER
WATERSHED FOREST RESERVE SITUATED IN THE
MUNICIPALITY OF DINALUNGAN, PROVINCE OF
AURORA, AS A PROTECTED AREA PURSUANT TO
REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL
BE KNOWN AS SIMBAHAN-TALAGAS PROTECTED
LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, do hereby set aside and declare Simbahan-Talagas River Watershed Forest Reserve consisting of a parcel of land situated in the Municipality of Dinalungan, Province of Aurora, as Protected Area under the category of Protected Landscape, subject to private rights, and without prejudice to the right of the indigenous people as provided for in R.A. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, if any, as described in the DENR NIPAS Map No. RO4A-24:

Simbahan-Talagas River Watershed Forest Reserve is bounded on the North and East by a timberland (Project No. 12-J, Block A, established on May 31, 1962, LC 2523), on the South by Simbahan Bay, on the West by a timberland (Project No. 12-J, block A, established on May 21, 1962). Geographically, it is located at coordinates 121°50'00' longitude and 16°08'00' latitude, and described in L.C. Map 2523, Sheet No. 5, certified on May 31, 1962 Topographic Map No. 3368 I & II W.R. No. 96, beginning at a point marked "1" on the same, identical to cor. 420, Project No. 12-J Blake. A, T.L. Province of Aurora per L.C. 2523, or N 77°00'E, 540.00 m. from the junction of Sangay River and Umihiem creek;

Thence N 33°03'W 884.5 m. to corner 2; Thence N 49°03'W 1,021.8 m. to corner 3;

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Thence N 29°02'W
                      816.6 m.
                                     to corner 4:
Thence N 41°03'W
                      619.1 m.
                                     to corner 5:
Thence N 66°02'W
                      463.7 m.
                                     to corner 6:
Thence N 06°01'E
                      1.150.6 m.
                                     to corner 7:
Thence N 77°02'E
                      322.1 m.
                                     to corner 8:
Thence N 57°04'E
                      484.8 m.
                                     to corner 9:
Thence S 61°58'E
                      305.3 m.
                                     to corner 10:
Thence S 82°59'E
                      303.1 m.
                                     to corner 11:
Thence N 85°01'E
                      353.2 m.
                                     to corner 12:
Thence N 52°04'E
                      447.9 m.
                                     to corner 13:
Thence N 10°02'E
                      227.5 m.
                                     to corner 14:
Thence Due East
                      201.0 m.
                                     to corner 15:
Thence N 67°03'E
                      450.0 m.
                                     to corner 16:
Thence N 49°04'E
                      608.6 m.
                                     to corner 17:
Thence N 27°04'E
                      710.9 m.
                                     to corner 18:
Thence N 65°03'E
                      399.0 m.
                                     to corner 19:
Thence N 29°04'E
                      240.6 m.
                                     to corner 20:
Thence N 51°04'E
                      688.6 m.
                                     to corner 21:
Thence S 42°57'E
                      1.483.0 m.
                                     to corner 22:
Thence S 04°00'E
                      1.280.7 m.
                                     to corner 23:
Thence S 57°57'E
                      590.6 m.
                                     to corner 24:
Thence S 08°59'E
                      1,049.2 m.
                                     to corner 25:
Thence S 57°56'W
                      654.2 m.
                                     to corner 26:
Thence S 27°56'W
                      684.1 m.
                                     to corner 27:
Thence S 08°59'W
                      639.3 m.
                                     to corner 28:
Thence S 80°59'W
                      317.9 m.
                                     to corner 29:
Thence S 72°57'W
                      249.9 m.
                                     to corner 30:
Thence S 78°58'W
                      187.9 m.
                                     to corner 31:
Thence S 78°58'W
                      299.9 m.
                                     to corner 32:
Thence S 21°57'W
                      350.6 m.
                                     to corner 33:
Thence N 48°03'W
                      301.6 m.
                                     to corner 34:
Thence S 66°57'W
                      250.0 m.
                                     to corner 35:
Thence S 50°56'W
                      557.3 m.
                                     to corner 36:
Thence N 82°01'W
                      316.8 m.
                                     to corner 37:
Thence S 58°56'W
                      352.1 m.
                                     to corner 38:
Thence S 36°55'W
                      425.5 m.
                                     to corner 1:
containing an area of Two Thousand Two Hundred Sixty-Six and
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49/100 (2,266.49) Hectares, subject to actual ground survey.

The area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE AMBUKLAO-BINGA WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITIES OF ATOK, BOKOD, BUGUIAS, ITOGON, KABAYAN, TUBLAY, KIBUNGAN AND LA TRINIDAD, PROVINCE OF BENGUET, MUNICIPALITIES OF HUNGDUAN AND KIANGAN, PROVINCE OF IFUGAO; AND MUNICIPALITY OF KAYAPA, PROVINCE OF NUEVA VISCAYA AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS UPPER AGNO RIVER BASIN RESOURCE RESERVE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Ambuklao-Binga Watershed Forest Reserve, consisting of a parcel of land situated in the Municipalities of Atok, Bokod, Buguias, Itogon, Kabayan, Tublay, Kibungan and La Trinidad, Province of Benguet, Municipalities of Hungduan and Kiangan, Province of Ifugao, and Municipality of Kayapa, Province of Nueva Viscaya as Protected Area under the category of Resource Reserve, subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. CAR-05.

Beginning at a point marked 1 on the map, being S2°00'W about 200 meters from a recovered triangulation station 29 E, a known point on the ground per BBM 4A-MBM 1 of CAD - 887 Antok Cadastre.

Thence N 70°E 280 m to point 2;

Thence N 45°E 290 m to point 3;

Thence N 30°E 290 m to point 4;

Thence N 50°E 240 m to point 5;

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Thence N 56°E 180 m to point 6;
Thence N 49°E 200 m to point 7;
Thence N 72°E 330 m to point 8;
Thence N 78°E 330 m to point 9;
Thence N 07°E 260 m to point 10;
Thence N 01°E 290 m to point 11;
Thence N 08°E 290 m to point 12;
Thence N 09°E 250 m to point 13;
Thence N 57°E 390 m to point 14;
Thence N 32°E 250 m to point 15;
Thence N 35°W270 m to point 16;
Thence N 83°E 100 m to point 17;
Thence N 83°E310 m to point 18;
Thence N 61°E 360 m to point 19;
Thence N 77°E400 m to point 20;
Thence N 43°E 340 m to point 21;
Thence N 28°E 180 m to point 22;
Thence N 39°E 220 m to point 23;
Thence N 23°E 220 m to point 24;
Thence N 21°W360 m to point 25;
Thence N 23°E 220 m to point 26;
Thence N 82°E 300 m to point 27;
Thence N 56°E 300 m to point 28;
Thence N 04°E400 m to point 29;
Thence N 52°E 300 m to point 30;
Thence N 52°E 300 m to point 31;
Thence N 50°E 390 m to point 32;
Thence N 68°E 170 m to point 33;
Thence N 69°E310 m to point 34;
Thence N 59°E440 m to point 35;
Thence N 35°W380 m to point 36;
Thence N 13°E270 m to point 37;
Thence N 25°E 350 m to point 38;
Thence N 33°E 360 m to point 39;
Thence N 13°E 260 m to point 40;
Thence N 24°E 260 m to point 41;
Thence N 38°E210 m to point 42;
Thence N 64°E310 m to point 43;
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Thence N 69°E 330 m to point 44; Thence N 40°E 290 m to point 45; Thence N 85°E 300 m to point 46; Thence S 83°E 260 m to point 47; Thence N 25°E 340 m to point 48; Thence N 61°E 300 m to point 49; Thence N 38°E 140 m to point 50; Thence N 42°E 200 m to point 51; Thence N 46°E 150 m to point 52; Thence N 64°E350 m to point 53; Thence N 37°E 250 m to point 54; Thence N 18°E400 m to point 55; Thence N 04°E 260 m to point 56; Thence N 76°W210 m to point 57; Thence N 47°W220 m to point 58; Thence N 54°E 170 m to point 59; Thence N 64°E 260 m to point 60; Thence N 32°E 300 m to point 61; Thence N 30°E 390 m to point 62; Thence N 23°E 250 m to point 63; Thence N 23°E 460 m to point 64; Thence N 22°E 340 m to point 65; Thence N 71°E 360 m to point 66; Thence N 07°W240 m to point 67; Thence N 04°E 280 m to point 68; Thence N 22°W440 m to point 69; Thence N 23°E 240 m to point 70; Thence N 15°E310 m to point 71; Thence N 29°W300 m to point 72; Thence N 23°E 230 m to point 73; Thence N 21°W200 m to point 74; Thence N 07°E460 m to point 75; Thence N 13°W290 m to point 76; Thence N 19°E 280 m to point 77; Thence N 07°E 220 m to point 78; Thence N 42°E 340 m to point 79; Thence S 80°E 180 m to point 80; Thence N 89°E310 m to point 81;

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Thence N 20°W270 m to point 82;
Thence N 47°W190 m to point 83;
Thence N 20°W320 m to point 84;
Thence N 02°E 270 m to point 85;
Thence N 52°E 400 m to point 86;
Thence N 49°E 810 m to point 87;
Foll. Ridge in a gen. N.E. direction abt.900 m to point 88;
Foll. Ridge in a gen. N.E.-N.W. direction abt. 900 m to point 89;
Foll. Ridge in a NW direction 2,600 m to point 90;
Thence N 80°W240 m to point 91;
Thence N 10°W270 m to point 92;
Thence N 46°W760 m to point 93;
Thence N 09°W310 m to point 94;
Thence N 12°W470 m to point 95;
Thence N 55°W410 m to point 96;
Thence N 38°W420 m to point 97;
Thence N 51°E440 m to point 98;
Thence N 48°E 380 m to point 99;
Thence N 78°E 240 m to point 100;
Thence N 63°W220 m to point 101;
Thence N 70°E 370 m to point 102;
Thence N 52°E 400 m to point 103;
Thence N 46°E 190 m to point 104;
Thence N 68°E310 m to point 105;
Thence N 80°E 320 m to point 106;
Thence N 74°E 400 m to point 107;
Thence N 28°E410 m to point 108;
Thence N 59°E 170 m to point 109;
Thence N 21°E 300 m to point 110;
Thence N 04°E 260 m to point 111;
Thence N 31°W400 m to point 112;
Thence N 08°W330 m to point 113;
Thence N 33°E 330 m to point 114;
Thence N 19°E 210 m to point 115;
Thence N 04°E 300 m to point 116;
Thence Due North390 m to point 117;
Thence N 48°E 160 m to point 118;
Thence N 53°E 190 m to point 119;
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Thence N 41°E350 m to point 120;
Thence N 05°E210 m to point 121;
Thence N 10°W280 m to point 122;
Thence N 01°W180 m to point 123;
Thence N 29°E 300 m to point 124;
Thence N 43°W270 m to point 125;
Thence N 04°E410 m to point 126;
Thence N 06°E350 m to point 127;
Thence N 59°E 300 m to point 128;
Thence N 43°E 360 m to point 129;
Thence N 07°W150 m to point 130;
Thence N 19°E 260 m to point 131;
Thence N 18°E 210 m to point 132;
Thence N 82°E 960 m to point 133;
Thence N 20°E 220 m to point 134;
Thence N 14°E460 m to point 135:
Thence N 74°E 190 m to point 136;
Thence N 40°E 390 m to point 137;
Thence N 06°W880 m to point 138;
Thence N 16°E210 m to point 139;
Thence N 16°E390 m to point 140;
Thence N 05°W360 m to point 141;
Thence N 66°E480 m to point 142;
Thence N 25°E470 m to point 143;
Thence N 53°E 300 m to point 144;
Thence N 65°E 320 m to point 145;
Thence N 42°E 330 m to point 146;
Thence N 57°E 230 m to point 147;
Thence N 35°E 200 m to point 148;
Thence N 35°E 380 m to point 149;
Thence N 32°E 300 m to point 150;
Thence N 25°E 260 m to point 151;
Thence N 74°E 340 m to point 152;
Thence N 83°E310 m to point 153;
Thence N 48°E 360 m to point 154;
Thence N 65°E 220 m to point 155;
Thence N 50°E 350 m to point 156;
Thence N 66°E 170 m to point 157;
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Thence N 41°E310 m to point 158;
Thence N 71°E 250 m to point 159;
Thence N 76°E210 m to point 160;
Thence N 65°E 240 m to point 161;
Thence N 82°E 200 m to point 162;
Thence N 68°E 600 m to point 163;
Thence N 61°57′E680.50 m to point 164;
Thence N 17°26'E1,220.20 m to point 165;
Foll. Ridge in a gen. S.E. direction 8,150 m to point 166;
Foll. Ridge in a gen. S.W., N.E. & S.E.
  direction abt. 7,700 m to point 167;
Foll. Ridge in a gen. S.W. & S.E.
   direction abt. 4,600 m to point 168;
Foll. Ridge in a gen. S.W. direction abt. 3,450 m to point 169;
Foll. Ridge in a gen. S.W. & S.E.
   direction abt. 4,700 m to point 170;
Thence S 83°W1,900 m to point 171;
Foll. Buguias Creek downstream abt. 1,000 m to point 172;
Thence S 29°E 4,700 m to point 173;
Thence S 13°W3,350 m to point 174;
Thence S 25°W4,350 m to point 175;
Foll. Unknown Creek upstream abt. 2,700 m to point 176;
Thence S 15°W2,400 m to point 177;
Thence S 38°E 3,850 m to point 178;
Thence S 81°E 1,980 m to point 179;
Thence following ridge in a gen. SW
 direction abt. 5,400 m to point 180;
Foll. Ridge in a general S.E. & S.W.
 direction abt. 5,500 m to point 181;
Foll. Ridge in a gen. S.E. & S.W.
direction abt. 5,000 m to point 182;
Foll. Ridge in a general S.E. & S.W.
 direction abt. 1,300 m to point 183;
Foll. Ridge in a gen. SW direction abt.8,300 m to point 184;
Foll. Ridge in a gen. NW direction abt. 6,500 m to point 185;
Foll. Ridge in a gen. NW direction abt. 3,800 m to point 186;
Foll. Ridge in a gen. NW & SW
  direction abt. 5,400 m to point 187;
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Foll. Ridge in a gen. SW & NW
  direction abt. 9,150 m to point 188;
Foll. Ridge in a gen. SW & NW
 direction abt. 6,500 m to point 189;
Foll. Ridge in a gen. NW direction abt. 3,700 m to point 190;
Foll. Ridge in a gen. NE direction abt. 3,000 m to point 191;
Thence S 75°E 200 m to point 192;
Thence N 29°E 210 m to point 193;
Thence N 01°E230 m to point 194;
Thence N 21°E 180 m to point 195;
Thence N 82°E 230 m to point 196;
Thence N 50°E 200 m to point 197;
Thence N 52°E 130 m to point 198;
Thence N 46°E 260 m to point 199;
Thence N 47°E 220 m to point 200;
Thence N 48°E 320 m to point 201;
Thence N 56°E 150 m to point 202;
Thence N 26°E 270 m to point 203;
Thence N 77°E 140 m to point 204;
Thence N 68°E 250 m to point 205;
Thence N 79°E250 m to point 206;
Thence S 73°E 220 m to point 207;
Thence N 69°E 140 m to point 208;
Thence N 85°E 320 m to point 209;
Thence S 40°E 170 m to point 210;
Thence S 85°E 150 m to point 211;
Thence S 58°E 130 m to point 212;
Thence S 50°E 170 m to point 213;
Thence S 73°E 280 m to point 214;
Thence N 66°E 100 m to point 215;
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Thence N 84°E70 m to point of beginning containing an area of Seventy-Seven Thousand Five Hundred Sixty-One (77,561) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR in coordination with the National Power Corporation (NPC) and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE BAGANGA WATERSHED RESERVATION SITUATED IN THE MUNICIPALITY OF BAGANGA, PROVINCE OF DAVAO ORIENTAL, ISLAND OF MINDANAO AS A PROTECTED AREA PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992), WHICH SHALL BE KNOWN AS "BAGANGA PROTECTED LANDSCAPE"

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Baganga Watershed Reservation situated in the Municipality of Baganga, Province of Davao Oriental, Island of Mindanao as Protected Area under the category of Protected Landscape with a physical peripheral buffer along its boundary, subject to private rights, if any, as described in DENR NIPAS MAP No. RO-11-05.

Beginning at a point marked "1" on the map and on the ground being N 06°20'W, 5,259.40 meters from BLLM No. 1, PLS-1002:

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Thence N 64°18'E
                     248.2 meters to corner 2:
Thence N 64°18'E
                     249.4 meters
                                   to corner 3:
Thence N 64°18'E
                     243.3 meters
                                   to corner 4:
Thence N 85°23'E
                     300.6 meters
                                   to corner 5:
Thence N 85°23'E
                     162.3 meters
                                   to corner 6:
Thence N 00°12'W
                     273.1 meters
                                   to corner 7:
Thence N 00°12'W
                     272.6 meters
                                   to corner 8;
Thence N 00°12'W
                     274.7 meters
                                   to corner 9:
Thence N 00°12'W
                     270.9 meters
                                   to corner 10:
Thence S 40°40'E
                     293.6 meters
                                   to corner 11:
Thence S 12°22'E
                     458.2 meters
                                   to corner 12:
Thence S 11°39'E
                     48.0 meters
                                   to corner 13:
Thence S 16°16'W
                     214.6 meters
                                   to corner 14:
Thence S 00°07'E
                     85.3 meters
                                   to corner 15:
Thence S 45°01'E
                     104.1 meters to corner 16;
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Thence S 80°04'E
                     119.7 meters
                                   to corner 17:
Thence S 00°22'W
                     331.3 meters
                                   to corner 18:
                     110.2 meters
Thence S 4°59'W
                                   to corner 19:
Thence N 80°34'W
                     163.1 meters
                                   to corner 20:
Thence S 9°11'E
                     117.4 meters
                                   to corner 21:
Thence S 32°16'W
                     149.7 meters
                                   to corner 22:
Thence S 30°24'W
                     156.5 meters
                                   to corner 23:
Thence N 57°17'W
                     81.4 meters
                                   to corner 24:
Thence S 54°33'W
                     123.4 meters
                                   to corner 25:
Thence S 73°48'W
                     199.7 meters
                                   to corner 26:
                     91.2 meters
Thence S 24°37'E
                                   to corner 27:
Thence S 73°22'W
                     102.9 meters
                                   to corner 28:
Thence S 38°05'W
                     68.4 meters
                                   to corner 29:
Thence N 82°31'W
                     157.6 meters
                                   to corner 30:
Thence N 11°55'E
                     239.3 meters
                                   to corner 31:
                     140.7 meters
Thence N 43°18'E
                                   to corner 32:
Thence S 87°20'W
                     137.5 meters
                                  to corner 33:
Thence N 77°18'W
                     138.8 meters
                                   to corner 34:
Thence N 05°40'W
                     157.2 meters
                                  to corner 35:
                    270.8 meters
Thence N 89°20'W
                                  to corner 36:
Thence N 53°50'W
                                  to point 1
                     260.2 meters
containing an area of One Hundred Fourteen and 878/100
(114.878) Hectares, more or less, subject to actual ground survey.
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The subject area shall remain under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of NIPAS Act of 1992 rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE CUATRO ISLAS PROTECTED LANDSCAPE/SEASCAPE SITUATED IN THE COASTAL AREAS OF THE MUNICIPALITIES OF INOPACAN, HINDANG AND NEIGHBORING ISLANDS COMPRISING DIGYO, APID, MAHABA AND HIMUKILAN ISLANDS AND THEIR SURROUNDING REEFS, PROVINCE OF LEYTE, ISLAND OF VISAYAS AS A PROTECTED AREA PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS CUATRO ISLAS PROTECTED LANDSCAPE/SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Cuatro Islas Protected Landscape/Seascape, comprising a parcel of land located in the coastal areas of the Municipalities of Inopacan, Hindang and neighboring islands of Digyo, Apid, Mahaba and Himukilan and their surrounding reefs, Province of Leyte, Island of Visayas as protected area under the category of Protected Landscapes/Seascapes subject to private rights, if any, as described in NIPAS Map Region 8-7, following descriptions:

Beginning from point 1 which is 10°27'22" N latitude, 124°39'20" E longitude to point 2

Thence 10°32'56" N latitude 124°35'00" E longitude to point 3; Thence 10°35'27" N latitude 124°40'50" E longitude to point 4; Thence 10°29'45" N latitude 124°42'46" E longitude to point 1; Containing an approximate area of Twelve Thousand Five Hundred (12,500) Hectares as Protected Landscape/Seascape, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of NIPAS Act of 1992. **IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE BIG AND SMALL STA. CRUZ ISLANDS TOURIST ZONE AND MARINE RESERVE SITUATED IN THE CITY OF ZAMBOANGA, PROVINCE OF ZAMBOANGA DEL SUR AS A PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS GREAT AND LITTLE STA. CRUZ ISLANDS PROTECTED LANDSCAPE AND SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Big and Small Sta. Cruz Islands Tourist Zone and Marine Reserve situated in the City of Zamboanga, Province of Zamboanga del Sur as Protected Area under the category of Protected Landscape and Seascape and its peripheral areas as Buffer Zone, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, if any, as described in the DENR NIPAS Map No. RO9-03.

## **Technical Descriptions**

The Great and Little Sta. Cruz Islands Protected Landscape and Seascape begins at a point marked "1" on the map which is S 18°22'W at 9,864.756 meters from FNSP-ZS 71 ASHTECH Point Monuments;

Thence N 50°07'W, 1,196.5 meters to corner 2; Thence N 42°07'W, 1,196.2 meters to corner 3; Thence N 01°00'W, 1,094.7 meters to corner 4; Thence N 80°10'E, 1,810.4 meters to corner 5; Thence S 27°55'E, 1,004.0 meters to corner 7; Thence S 67°55'E, 1,602.5 meters to corner 8;

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Thence S 01°00'W,
                      705.0 meters to corner 10:
Thence S 54°51'W
                      1.501.4 meters to corner 11:
Thence S 89°00'W.
                      1.394.8 meters to corner 12:
Thence N 76°03'W.
                     1,198.5 meters to corner 13;
Thence N 31°06'W.
                      1,494.2 meters to corner 1,
the point of beginning, containing and area of One Thousand Eight
Hundred Seventy-Seven (1,877) Hectares, more or less. prcd
The Buffer Zone of the aforesaid Protected Area begins at a point
marked "1" on the map which is identical to corner 6 of Great and
Little Sta. Cruz Islands Protected Landscape and Seascape;
Thence S 65°24'E.
                      3,622.5 meters to corner 2;
Thence S 45°22'E.
                      2.378.5 meters to corner 3:
Thence S 35°19'W,
                      1,977.5 meters to corner 4;
Thence S 89°00'W,
                      2,802.9 meters to corner 5;
Thence S 89°00'W,
                      2,602.7 meters to corner 6;
Thence N 49°54'W,
                      2.306.0 meters to corner 7:
Thence N 29°54'W.
                      2.007.8 meters to corner 8:
Thence N 21°53'E.
                      1,807.3 meters to corner 9;
Thence S 01°00'E.
                      1,094.7 meters to corner 10;
Thence S 42°07'E,
                      1,196.2 meters to corner 11;
Thence S 50°07'E,
                      1,196.9 meters to corner 12;
Thence S 31°06'E.
                      1.494.2 meters to corner 13:
Thence S 76°03'E.
                      1,198.5 meters to corner 14;
Thence N 89°00'E.
                      1,394.8 meters to corner 15;
Thence N 54°51'E.
                      1.501.40 meters to corner 16:
Thence N 01°00'E,
                      705.0 meters to corner 17:
Thence N 29°54'W,
                      1,405.5 meters to corner 18;
Thence N 67°55'W,
                      1,602.5 meters to corner 19;
Thence N 27°55'W,
                      1,004.0 meters to corner 1,
The point of beginning, containing an area of One Thousand Five
Hundred Forty-Eight (1,548) Hectares, more or less.
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1,405.5 meters to corner 9;

Thence S 29°54'E,

The technical descriptions of the Great and Little Sta. Cruz Islands Protected Landscape and Seascape and its Buffer Zone shall be subject to actual ground survey.

These areas shall be under the management jurisdiction of the Department of Tourism thru the Philippine Tourism Authority and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING THE CHICO MANGROVE WILDERNESS AREA SITUATED IN THE MUNICIPALITY OF CAWAYAN, PROVINCE OF MASBATE, ISLAND OF LUZON AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS CHICO ISLAND WILDLIFE SANCTUARY

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Chico Island Mangrove Wilderness Area situated in the municipality of Cawayan, Province of Masbate, Island of Luzon as Protected Area under the category of Wildlife Sanctuary subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R5-08.

Beginning at a point marked "1" on the map being identical to 11°55'29.28" Latitude and 123°36'12.30" Longitude.

Thence N. 22°35'W.	69.50 m.	to corner 2;
Thence N. 35°29'E.	49.10 m.	to corner 3;
Thence Due East	46.70 m.	to corner 4;
Thence N. 15°35'W.	54.00 m.	to corner 5;
Thence N. 43°46'W.	119.50 m.	to corner 6;
Thence N. 40°51'E.	45.20 m.	to corner 7;
Thence S. 71°57'E.	47.00 m.	to corner 8;
Thence S. 47°13'E.	48.20 m.	to corner 9;
Thence S. 26°50'E.	121.30 m.	to corner 10;
Thence S. 41°11'E.	216.00 m.	to corner 11;
Thence N. 75°14'E.	50.10 m.	to corner 12;
Thence N. 52°58'E.	73.50 m.	to corner 13;
Thence N. 85°20'E.	60.50 m.	to corner 14;
Thence S. 36°46'E.	62.00 m.	to corner 15:

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Thence S. 48°59'W.
                     40.60 m.
                                    to corner 16:
Thence S. 16°53'W.
                     69.90 m.
                                    to corner 17:
Thence S. 65°09'W.
                     36.10 m.
                                    to corner 18:
Thence N. 72°41'W.
                     39.90 m.
                                    to corner 19:
Thence S. 03°07'W.
                     59.00 m.
                                    to corner 20:
Thence S. 62°30'W.
                     41.00 m.
                                    to corner 21:
Thence N. 43°46'W.
                     38.50 m.
                                    to corner 22:
Thence S. 32°37'W.
                     43.30 m.
                                    to corner 23:
Thence N. 20°37'W.
                     24.90 m.
                                    to corner 24:
Thence N. 66°47'W. 35.80 m.
                                    to corner 25:
Thence N. 25°49'W.
                     49.30 m.
                                    to corner 26:
Thence N. 50°49'W.
                     85.00 m.
                                    to corner 27:
Thence N. 16°27'W.
                     75.30 m.
                                    to corner 28:
Thence N. 63°36'W.
                    70.70 m.
                                    to corner 29:
Thence S. 54°42'W.
                     46.10 m.
                                    to corner 1:
the point of beginning containing an area of Seven and 77/100
(7.77) Hectares subject to actual ground survey.
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This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING THE ROOSEVELT NATIONAL PARK SITUATED IN THE MUNICIPALITIES OF DINALUPIHAN AND HERMOSA, PROVINCE OF BATAAN AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS ROOSEVELT PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Roosevelt National Park consisting of parcel of land situated in the Municipalities of Dinalupihan and Hermosa, province of Zambales as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02, and other related rules and regulations, if any, as described in DENR NIPAS Map No. R3-7.

The Roosevelt Protected Landscape beginning at a point marked "1" on plan being North 60°00' East 900 meters from triangulation station, Mt. Sta. Rita corner "1".

Thence N 61°58'E	554.10 m.	to corner 2;
Thence N 66°39'W	73.70 m.	to corner 3;
Thence N 34°11'W	322.90 m.	to corner 4;
Thence N 07°33'W	166.00 m.	to corner 5;
Thence N 41°12'W	244.90 m.	to corner 6;
Thence N 02°01'W	927.50 m.	to corner 7;
Thence S 68°52'E	178.10 m.	to corner 8;
Thence S 85°13'E	76.30 m.	to corner 9;
Thence N 72°40'E	65.80 m.	to corner 10;
Thence N 51°08'E	95.00 m.	to corner 11;
Thence N 68°18'E	151.60 m.	to corner 12;
Thence N 64°30'E	116.00 m.	to corner 13;
Thence N 60°01'E	75.50 m.	to corner 14:

Thence N 21°01'E	196.30 m.	to corner 15;
Thence N 32°41'W	195.70 m.	to corner 16;
Thence N 30°45'E	59.20 m.	to corner 17;
Thence N 30°45'E	335.40 m.	to corner 18;
Thence N 82°33'W	108.10 m.	to corner 19;
Thence N 37°56'W	24.50 m.	to corner 20;
Thence N 35°41'W	73.40 m.	to corner 21;
Thence N 40°12'W	97.90 m.	to corner 22;
Thence N 60°40'W	230.70 m.	to corner 23;
Thence N 56°56'W	39.20 m.	to corner 24;
Thence N 06°02'W	29.30 m.	to corner 25;
Thence N 54°06'E	160.40 m.	to corner 26;
Thence N 35°26'W	39.20 m.	to corner 27;
Thence N 84°32'W	59.00 m.	to corner 28;
Thence N 34°11'W	107.60 m.	to corner 29;
Thence N 20°38'W	97.70 m.	to corner 30;
Thence N 30°10'W	63.60 m.	to corner 31;
Thence N 33°11'W	220.20 m.	to corner 32;
Thence N 51°42'W	58.80 m.	to corner 33;
Thence N 75°36'W	196.60 m.	to corner 34;
Thence N 72°37'W	157.20 m.	to corner 35;
Thence N 69°08'W	221.00 m.	to corner 36;
Thence N 56°11'W	78.50 m.	to corner 37;
Thence N 27°40'W	68.50 m.	to corner 38;
Thence N 28°55'W	97.80 m.	to corner 39;
Thence N 37°56'W	146.90 m.	to corner 40;
Thence N 61°40'W	88.40 m.	to corner 41;
Thence N 73°36'W	137.60 m.	to corner 42;
Thence S 84°48'W	88.50 m.	to corner 43;
Thence S 62°04'W	223.10 m.	to corner 44;
Thence S 50°38'W	1,258.70 m.	to corner 45;
Thence S 65°08'W	445.50 m.	to corner 46;
Thence S 15°54'E	613.90 m.	to corner 47;
Thence S 13°28'W	280.80 m.	to corner 48;
Thence S 41°53'E	19.60 m.	to corner 49;
Thence S 44°08'E	5.10 m.	to corner 50;
Thence N 49°59'E	5.00 m.	to corner 51;
Thence S 50°54'E	10.60 m.	to corner 52;

Thence S 54°36'E	10.60 m.	to corner 53;
Thence S 62°02'E	10.60 m.	to corner 54;
Thence S 63°44'E	24.10 m.	to corner 55;
Thence S 71°53'E	55.40 m.	to corner 56;
Thence S 73°54'E	10.20 m.	to corner 57;
Thence S 77°56'E	10.20 m.	to corner 58;
Thence S 79°59'E	10.20 m.	to corner 59;
Thence S 84°05'E	13.00 m.	to corner 60;
Thence N 87°50'E	13.00 m.	to corner 61;
Thence N 80°00'E	12.90 m.	to corner 62;
Thence N 72°09'E	12.90 m.	to corner 63;
Thence N 64°15'E	12.90 m.	to corner 64;
Thence N 56°17'E	12.80 m.	to corner 65;
Thence N 48°12'E	12.70 m.	to corner 66;
Thence N 40°03'E	12.70 m.	to corner 67;
Thence N 35°57'E	23.70 m.	to corner 68;
Thence N 31°12'E	58.20 m.	to corner 69;
Thence N 34°44'E	7.80 m.	to corner 70;
Thence N 41°44'E	7.90 m.	to corner 71;
Thence N 48°40'E	7.90 m.	to corner 72;
Thence N 55°32'E	7.90 m.	to corner 73;
Thence N 62°21'E	8.00 m.	to corner 74;
Thence N 69°06'E	8.00 m.	to corner 75;
Thence S 66°19'E	60.00 m.	to corner 76;
Thence S 61°14'E	12.40 m.	to corner 77;
Thence S 55°59'E	12.40 m.	to corner 78;
Thence S 50°43'E	12.40 m.	to corner 79;
Thence S 45°29'E	12.40 m.	to corner 80;
Thence S 40°13'E	12.40 m.	to corner 81;
Thence S 34°59'E	12.40 m.	to corner 82;
Thence S 29°44'E	12.40 m.	to corner 83;
Thence S 24°31'E	12.40 m.	to corner 84;
Thence S 19°17'E	12.40 m.	to corner 85;
Thence S 14°05'E	12.40 m.	to corner 86;
Thence S 08°51'E	12.40 m.	to corner 87;
Thence S 03°39'E	12.40 m.	to corner 88;
Thence S 01°04'E	13.80 m.	to corner 89;
Thence S 03°27'E	13.80 m.	to corner 90;

Thence S 07°25′E	152.40 m.	to corner 91;
Thence S 04°33'E	20.40 m.	to corner 92;
Thence S 08°08'E	8.10 m.	to corner 93;
Thence S 15°18'E	8.10 m.	to corner 94;
Thence S 22°30'E	8.10 m.	to corner 95;
Thence S 29°41'E	8.10 m.	to corner 96;
Thence S 30°27'E	8.10 m.	to corner 97;
Thence S 24°45'E	8.10 m.	to corner 98;
Thence S 19°05'E	8.10 m.	to corner 99;
Thence S 13°24'E	8.10 m.	to corner 100;
Thence S 10°28'E	12.50 m.	to corner 101;
Thence S 13°47'E	9.40 m.	to corner 102;
Thence S 20°14'E	9.40 m.	to corner 103;
Thence S 26°40'E	9.40 m.	to corner 104;
Thence S 33°08'E	9.40 m.	to corner 105;
Thence S 36°21'E	52.10 m.	to corner 106;
Thence S 32°22'E	4.70 m.	to corner 107;
Thence S 24°24'E	4.70 m.	to corner 108;
Thence S 16°27'E	4.70 m.	to corner 109;
Thence S 08°31'E	4.70 m.	to corner 110;
Thence S 00°34'E	4.70 m.	to corner 111;
Thence S 07°08'W	4.70 m.	to corner 112;
Thence S 10°60'W	2.90 m.	to corner 113;
Thence S 07°26'W	7.20 m.	to corner 114;
Thence S 00°20'W	7.20 m.	to corner 115;
Thence S 06°46'W	7.20 m.	to corner 116;
Thence S 13°52'W	7.20 m.	to corner 117;
Thence S 21°40'E	7.20 m.	to corner 118;
Thence S 29°01'E	7.20 m.	to corner 119;
Thence S 36°23'E	7.20 m.	to corner 120;
Thence S 43°46'E	7.20 m.	to corner 121;
Thence S 47°27'E	45.10 m.	to corner 122;
Thence S 43°10'E	7.20 m.	to corner 123;
Thence S 34°36'E	7.80 m.	to corner 124;
Thence S 26°04'E	7.90 m.	to corner 125;
Thence S 17°31'E	7.90 m.	to corner 126;
Thence S 09°00'E	7.90 m.	to corner 127;
Thence S 00°30'E	7.90 m.	to corner 128;

Thence S 03°39'W	86.90 m.	to corner 129;
Thence S 04°32'W	118.70 m.	to corner 130;
Thence S 01°25'W	43.40 m.	to corner 131;
Thence S 01°12'E	45.60 m.	to corner 132;
Thence S 03°39'E	11.90 m.	to corner 133;
Thence S 07°33'E	26.00 m.	to corner 134;
Thence S 09°43'E	8.70 m.	to corner 135;
Thence S 14°06'E	8.70 m.	to corner 136;
Thence S 18°28'E	8.70 m.	to corner 137;
Thence S 22°51'E	8.70 m.	to corner 138;
Thence S 27°13'E	8.70 m.	to corner 139;
Thence S 33°19'E	37.00 m.	to corner 140;
Thence S 33°19'E	37.00 m.	to corner 141;
Thence S 30°50'E	10.10 m.	to corner 142;
Thence S 25°54'E	10.10 m.	to corner 143;
Thence S 20°57'E	10.10 m.	to corner 144;
Thence S 16°02'E	10.10 m.	to corner 145;
Thence S 13°34'E	47.60 m.	to corner 146;
Thence S 17°25'E	8.50 m.	to corner 147;
Thence S 25°10'E	8.50 m.	to corner 148;
Thence S 32°56'E	8.50 m.	to corner 149;
Thence S 40°42'E	8.50 m.	to corner 150;
Thence S 42°40'E	10.20 m.	to corner 151;
Thence S 42°40'F	10.20 m.	to corner 152;
Thence S 38°49'E	10.20 m.	to corner 153;
Thence S 34°59'E	10.20 m.	to corner 154;
Thence S 31°10'E	10.20 m.	to corner 155;
Thence S 27°20'E	10.20 m.	to corner 156;
Thence S 25°25'E	130.90 m.	to corner 157;
Thence S 20°08'E	10.30 m.	to corner 158;
Thence S 09°33'E	10.30 m.	to corner 159;
Thence S 00°60'W	10.30 m.	to corner 160;
Thence S 11°13'W	10.30 m.	to corner 161;
Thence S 16°21'W	50.10 m.	to corner 162;
Thence S 02°51'W	5.50 m.	to corner 163;
Thence S 24°53'E	5.50 m.	to corner 164;
Thence S 52°53'E	5.50 m.	to corner 165;
Thence S 66°56'E	75.40 m.	to corner 166;
		,

Thence S 64°56'E	10.60 m.	to corner 167;
		· · · · · · · · · · · · · · · · · · ·
Thence S 60°56'E	10.60 m.	to corner 168;
Thence S 56°58'E	10.60 m.	to corner 169;
Thence S 52°58'E	10.60 m.	to corner 170;
Thence S 58°50'E	509.30 m.	to corner 171;
Thence S 88°60'E	1,067.60 m.	to corner 172;
Thence S 01°55'W	460.60 m.	to corner 1

point of beginning containing an area of Seven Hundred Eighty-Six and 04/100 (786.04) Hectares, more or less, subject to actual ground survey.

The Protected Area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING AMRO RIVER WATERSHED FOREST RESERVE, SITUATED IN THE MUNICIPALITIES OF CASIGURAN AND DILASAG, PROVINCE OF AURORA AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS AMRO RIVER PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the power vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Amro River Watershed Forest Reserve consisting of a parcel of land situated in the Municipalities of Casiguran and Dilasag, Province of Aurora, as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map RO-4-A 15.

Beginning at a point marked "1" on the map which is located at the center of NIA dam with geographic coordinates of 16°20′ 13.86 latitude and 122°05′ 59.49 longitude, thence;

Thence N 79°02'W	1,280.9 m.	to corner 2;
Thence S 82°32'W	938.1 m.	to corner 3;
Thence S 59°53'W	603.7 m.	to corner 4;
Thence S 88°09'W	548.3 m.	to corner 5;
Thence S 81°28'W	555.4 m.	to corner 6;
Thence S 55°49'W	605.4 m.	to corner 7;
Thence S 15°20'W	465.0 m.	to corner 8;
Thence S 02°52'W	573.1 m.	to corner 9;
Thence S 10°59'E	522.0 m.	to corner 10;
Thence S 54°48'W	605.8 m.	to corner 11;
Thence S 34°47'W	564.9 m.	to corner 12;
Thence S 43°42'W	760.8 m.	to corner 13;
Thence Due South	722.94 m.	to corner 14;

Thence S 18°13'W	774.0 m.	to corner 15;
Thence N 89°05'W	596.2 m.	to corner 16;
Thence N 85°01'W	597.3 m.	to corner 17;
Thence S 27°55'W	719.2 m.	to corner 18;
Thence S 79°32'W	1,087.8 m.	to corner 19;
Thence N 84°01'W	597.2 m.	to corner 20;
Thence N 76°02'W	597.2 m.	to corner 21;
Thence N 52°04'W	694.2 m.	to corner 22;
Thence N 60°04'W	694.4 m.	to corner 23;
Thence N 03°08'E	936.7 m.	to corner 24;
Thence N 13°36'E	939.2 m.	to corner 25;
Thence N 03°21'E	742.2 m.	to corner 26;
Thence N 06°18'E	692.7 m.	to corner 27;
Thence N 05°02'E	693.0 m.	to corner 28;
Thence N 54°17'E	613.7 m.	to corner 29;
Thence N 51°19'E	1,013.3 m.	to corner 30;
Thence N 79°14'E	897.5 m.	to corner 31;
Thence S 88°00'E	725.9 m.	to corner 32;
Thence N 10°28'E	986.7 m.	to corner 33;
Thence N 46°21'E	884.7 m.	to corner 34;
Thence N 39°19'E	854.5 m.	to corner 35;
Thence N 50°19'E	711.9 m.	to corner 36;
Thence N 45°20'E	709.1 m.	to corner 37;
Thence N 63°06'E	1,072.6 m.	to corner 38;
Thence N 13°36'E	548.8 m.	to corner 39;
Thence N 17°46'E	793.8 m.	to corner 40;
Thence N 20°53'E	746.0 m.	to corner 41;
Thence N 28°04'W	742.2 m.	to corner 42;
Thence N 44°20'E	758.4 m.	to corner 43;
Thence S 77°00'E	726.2 m.	to corner 44;
Thence S 42°58'E	828.3 m.	to corner 45;
Thence S 22°59'E	419.9 m.	to corner 46;
Thence S 07°00'E	522.1 m.	to corner 47;
Thence S 55°59'E	445.2 m.	to corner 48;
Thence S 44°58'E	419.7 m.	to corner 49;
Thence S 88°57'E	725.9 m.	to corner 50;
Thence S 68°59'E	521.7 m.	to corner 51;
Thence S 51°59'E	572.9 m.	to corner 52;

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Thence S 09°34'W
                     572.4 m.
                                    to corner 53:
Thence S 04°47'W
                                    to corner 54:
                     420.1 m.
Thence S 03°50'W
                     521.9 m.
                                    to corner 55:
Thence S 27°55'W
                     618.1 m.
                                    to corner 56:
Thence S 04°59'E
                     573.2 m.
                                    to corner 57:
                     471.0 m.
Thence S 17°59'E
                                    to corner 58:
Thence S 22°59'E
                     624.2 m.
                                    to corner 59:
                     919.0 m.
Thence S 31°50'W
                                    to corner 1:
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Containing an area of Six Thousand Four Hundred Seventy-One and 08/100 (6,471.08) Hectares, subject to actual ground survey.

This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE SALINAS FOREST RESERVE AND DEER REFUGE SITUATED IN THE MUNICIPALITIES OF BAMBANG, KAYAPA AND ARITAO, PROVINCE OF NUEVA VIZCAYA, ISLAND OF LUZON AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS SALINAS NATURAL MONUMENT

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon be my law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Salinas Forest Reserve and Deer Refuge situated in the Municipalities of Bambang, Kayapa and Aritao, Province of Nueva Vizcaya, Island of Luzon as Protected Area under the category of Natural Monument, subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR Map No. R2-09.

The Salinas Natural Monument begins at corner marked "1" on the map being S 44°W. 2600 m. from BLLM No. 1 of Salinas, Nueva Vizcaya;

Thence S. 62°36'W.	590.3 m.	to corner 2;
Thence N. 82°34'W.	358.8 m.	to corner 3;
Thence N. 74°37'W.	116.7 m.	to corner 4;
Thence N. 41°17'W.	306.4 m.	to corner 5;
Thence N. 75°38'W.	397.2 m.	to corner 6;
Thence N. 58°22'W.	476.6 m.	to corner 7;
Thence N. 76°49'W.	427.1 m.	to corner 8;
Thence N. 77°04'W.	125.4 m.	to corner 9;
Thence S. 3°38'W.	96.5 m.	to corner 10;
Thence S. 52°52'W.	236.2 m.	to corner 11;
Thence S. 38°02'E.	459.0 m.	to corner 12;
Thence S. 72°44'E.	579.1 m.	to corner 13;

Thence S. 45°12'E.	137.4 m.	to corner 14;
Thence S. 06°53'E.	176.8 m.	to corner 15;
Thence S. 53°28'W.	144.1 m.	to corner 16;
Thence S. 71°02'W.	220.7 m.	to corner 17;
Thence S. 84°12'W.	269.4 m.	to corner 18;
Thence S. 29°16'W.	213.3 m.	to corner 19;
Thence S. 21°57'E.	187.0 m.	to corner 20;
Thence S. 65°05'W.	497.5 m.	to corner 21;
Thence S. 42°08'W.	495.7 m.	to corner 22;
Thence N. 42°28'W.	521.4 m.	to corner 23;
Thence N. 42°28'W.	521.4 m.	to corner 24;
Thence N. 42°28'W.	521.4 m.	to corner 25;
Thence N. 42°28'W.	521.4 m.	to corner 26;
Thence N. 42°28'W.	521.4 m.	to corner 27;
Thence N. 35°01'E.	526.5 m.	to corner 28;
Thence N. 35°01'E.	526.5 m.	to corner 29;
Thence N. 35°01'E.	526.5 m.	to corner 30;
Thence N. 35°01'E.	526.5 m.	to corner 31;
Thence N. 35°01'E.	526.5 m.	to corner 32;
Thence N. 35°01'E.	526.5 m.	to corner 33;
Thence N. 35°01'E.	526.5 m.	to corner 34;
Thence N. 35°01'E.	526.5 m.	to corner 35;
Thence N. 35°01'E.	526.5 m.	to corner 36;
Thence N. 35°01'E.	526.5 m.	to corner 37;
Thence N. 35°01'E.	526.5 m.	to corner 38;
Thence N. 35°01'E.	526.5 m.	to corner 39;
Thence N. 35°01'E.	526.5 m.	to corner 40;
Thence N. 35°01'E.	526.5 m.	to corner 41;
Thence N. 35°01'E.	526.5 m.	to corner 42;
Thence N. 35°01'E.	526.5 m.	to corner 43;
Thence N. 35°01'E.	526.5 m.	to corner 44;
Thence S. 63°17'E.	498.4 m.	to corner 45;
Thence S. 63°17'E.	498.4 m.	to corner 46;
Thence S. 63°17'E.	498.4 m.	to corner 47;
Thence S. 63°17'E.	498.4 m.	to corner 48;
Thence S. 63°17'E.	498.4 m.	to corner 49;
Thence S. 63°17'E.	498.4 m.	to corner 50;
Thence S. 63°17'E.	498.4 m.	to corner 51;
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Thence S. 63°17'E.	498.4 m.	to corner 52;
Thence S. 63°17'E.	498.4 m.	to corner 53;
Thence S. 63°17'E.	498.4 m.	to corner 54;
Thence S. 63°17'E.	498.4 m.	to corner 55;
Thence S. 63°17'E.	498.4 m.	to corner 56;
Thence S. 63°29'E.	250.8 m.	to corner 57;
Thence S. 63°29'E.	498.5 m.	to corner 58;
Thence S. 63°29'E.	498.5 m.	to corner 59;
Thence S. 63°29'E.	498.5 m.	to corner 60;
Thence S. 63°29'E.	301.2 m.	to corner 61;
Thence S. 50°03'W.	490.2 m.	to corner 62;
Thence S. 50°03'W.	490.2 m.	to corner 63;
Thence S. 50°03'W.	490.2 m.	to corner 64;
Thence S. 50°03'W.	393.2 m.	to corner 65;
Thence N. 52°24'W.	362.5 m.	to corner 66;
Thence S. 88°58'W.	232.1 m.	to corner 67;
Thence S. 23°19'E.	242.8 m.	to corner 68;
Thence S. 54°23'E.	113.2 m.	to corner 69;
Thence S. 32°22'E.	213.0 m.	to corner 70;
Thence S. 49°53'W.	461.2 m.	to corner 71;
Thence S. 25°03'W.	213.3 m.	to corner 72;
Thence S. 58°05'E.	299.5 m.	to corner 73;
Thence S. 31°37'W.	242.8 m.	to corner 74;
Thence S. 76°53'E.	154.8 m.	to corner 75;
Thence S. 34°32'W.	195.9 m.	to corner 76;
Thence S. 37°20'W.	77.8 m.	to corner 77;
Thence S. 69°11'E.	111.0 m.	to corner 78;
Thence S. 65°43'W.	183.6 m.	to corner 79;
Thence S. 58°55'W.	568.4 m.	to corner 80;
Thence S. 14°26'W.	474.3 m.	to corner 81;
Thence S. 14°26'W.	474.3 m.	to corner 82;
Thence N. 85°44'W.	204.6 m.	to corner 83;
Thence S. 38°37'W.	148.7 m.	to corner 84;
Thence Due South	142.4 m.	to corner 85;
Thence S. 90°00'E.	305.4 m.	to corner 86;
Thence S. 14°26'W.	474.3 m.	to corner 87;
Thence S. 41°56'E.	192.9 m.	to corner 88;
Thence S. 63°40'W.	497.1 m.	to corner 89;

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Thence S. 63°40'W.
                     497.1 m.
                                    to corner 90:
Thence S. 63°40'W.
                     497.1 m.
                                    to corner 91:
Thence S. 63°40'W.
                     497.1 m.
                                    to corner 92:
Thence S. 63°40'W.
                     497.1 m.
                                    to corner 93:
Thence S. 63°40'W.
                     497.1 m.
                                    to corner 94:
                     226.5 m.
Thence S. 63°40'W.
                                    to corner 95:
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 96:
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 97:
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 98:
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 99;
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 100:
Thence S. 86°11'W.
                      503.7 m.
                                    to corner 101:
Thence S. 86°11'W.
                      603.3 m.
                                    to corner 102:
Thence N. 61°19'E.
                      388.0 m.
                                    to corner 103:
Thence N. 48°34'E.
                      247.6 m.
                                    to corner 104:
Thence N. 80°19'W.
                     279.1 m.
                                    to corner 105:
Thence N. 40°26'W.
                     145.1 m.
                                    to corner 106:
Thence N. 19°33'E.
                      143.8 m.
                                    to corner 107:
Thence N. 79°23'E.
                      407.4 m.
                                    to corner 108:
Thence N. 38°16'E.
                      374.1 m.
                                    to corner 109:
Thence N. 44°12'E.
                     470.0 m.
                                    to corner 110:
Thence N. 44°12'E.
                     573.1 m.
                                    to corner 111;
Thence N. 50°15'E.
                     465.9 m.
                                    to corner 112:
Thence N. 11°15'W. 345.1 m.
                                    to corner 1:
point of beginning, containing an area of Six Thousand Six
Hundred Seventy-Five and 56/100 (6,675.56) Hectares, subject to
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These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

actual ground survey.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING SELINOG ISLAND SITUATED IN THE CITY OF DAPITAN, PROVINCE OF ZAMBOANGA DEL NORTE AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS SELINOG ISLAND PROTECTED LANDSCAPE AND SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Selinog Island situated in the City of Dapitan, Province of Zamboanga del Norte as a Protected Area under the category of Protected Landscape and Seascape and its peripheral areas as Buffer Zone, subject to private rights, if any, as described in the DENR NIPAS Map No. RO9-04.

#### TECHNICAL DESCRIPTIONS

The Selinog Protected Landscape and Seascape begins at a point marked "1" on the map which is N 05°00'W at 22,494.886 meters from NAMRIA GPS UTM Station Lover's Rock, Rizal Park, Dapitan City;

Thence N 68°58'E, Thence S 58°00'E, Thence S 13°01'W, Thence S 63°29'W, Thence N 48°00'W, Thence N 01°00'E, 1,958.7 meters to corner 4; 1,588.7 meters to corner 5; 1,861.5 meters to corner 6; 1,260.9 meters to corner 7;

Thence N 35°18'W, 960.7 meters to corner 1, the point of beginning containing an area of Nine Hundred Sixty and 265/100 (960.265) Hectares, more or less.

The Buffer Zone of Selinog Protected Landscape and Seascape begins at a point marked "1" which is N 07°21'W at

23,044.493 meters from NAMRIA GPS UTM Station Lover's Rock, Rizal Park, Dapitan City;

Thence N 69°22'E, 3,173.2 meters to corner 2; Thence S 57°28'E, 3,355.0 meters to corner 3; Thence S 10°59'W, 3,159.4 meters to corner 4; Thence S 68°59'W, 2,677.3 meters to corner 5; Thence N 47°58'W, 2,848.4 meters to corner 6; 1,770.3 meters to corner 7;

Thence N 30°58'W, 1,249.8 meters to corner 1, the point of beginning containing an area of One Thousand Two Hundred Ninety-Four and 35/100 (1,294.35) Hectares, more or less.

The technical descriptions of Selinog Island Protected Landscape and Seascape and its Buffer Zone shall be subject to actual ground survey.

These areas shall be under the management jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE AGOO-DAMORTIS NATIONAL SEASHORE PARK SITUATED IN THE MUNICIPALITIES OF AGOO, STO. TOMAS AND ROSARIO, PROVINCE OF LA UNION, ISLAND OF LUZON AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE, PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS AGOO-DAMORTIS PROTECTED LANDSCAPE AND SEASCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Agoo-Damortis National Seashore Park consisting of two parcels of land situated within the Municipalities of Agoo, Sto. Tomas and Rosario, Province of La Union, Island of Luzon as Protected Area under the category of Protected Landscape and Seascape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R1-15.

Beginning at point "1" on the map which is identical to MBM 20, Agoo Cadastre, N. 36°46'W, 5,125.64 m. from BLLM # 1, Cad 314-D, Agoo Cadastre;

```
Thence S. 34°08'E.
                       323.0 m.
                                      to point 2;
Thence S. 07°28'E.
                       110.1 m.
                                      to point 3;
Thence N. 43°31'E.
                       37.5 m.
                                      to point 4;
Thence S. 42°48'E.
                       71.7 m.
                                      to point 5;
                      9.1 m. to point 6;
Thence S. 52°59'W.
                                      to point 7;
Thence S. 27°22'E.
                       82.8 m.
Thence S. 29°46'E.
                       146.1 m.
                                      to point 8;
Thence S. 29°47'E.
                      45.0 m.
                                      to point 9;
Thence N. 80°57'E.
                       17.6 m.
                                      to point 10;
Thence S. 32°35'E.
                       183.0 m.
                                      to point 11;
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Thence N. 59°47'E.	69.6 m.	to point 12;
Thence S. 09°05'E.	79.2 m.	to point 13;
Thence N 89°42'W.	15.0 m.	to point 14;
Thence S. 05°00'E.	50.7 m.	to point 15;
Thence S. 06°31'E.	16.6 m.	to point 16;
Thence N. 86°49'W.	16.2 m.	to point 17;
Thence S. 06°49'E.	155.0 m.	to point 18;
Thence N. 75°41'E.	10.4 m.	to point 19;
Thence S. 20°32'E.	17.5 m.	to point 20;
Thence S. 07°00'E.	120.0 m.	to point 21;
Thence S. 04°07'E.	260.1 m.	to point 22;
Thence S. 05°38'W.	319.4 m.	to point 23;
Thence S. 03°45'E.	389.9 m.	to point 24;
Thence S. 07°41'W.	411.7 m.	to point 25;
Thence S. 07°44'W.	330.6 m.	to point 26;
Thence S. 09°52'W.	412.2 m.	to point 27;
Thence S. 07°41'W.	411.7 m.	to point 28;
Thence S. 30°57'W.	311.1 m.	to point 29;
Thence S. 00°58'E.	319.0 m.	to point 30;
Thence S. 03°23'W.	288.1 m.	to point 31;
Thence S. 03°30'W.	411.2 m.	to point 32;
Thence S. 04°50'W.	62.0 m.	to point 33;
Thence S. 04°36'E.	277.9 m.	to point 34;
Thence S. 08°28'E.	246.7 m.	to point 35;
Thence S. 09°07'E.	134.7 m.	to point 36;
Thence S. 04°37'E.	298.9 m.	to point 37;
Thence S. 01°57'E.	247.0 m.	to point 38;
Thence S. 00°58'E.	52.0 m.	to point 39;
Thence S. 01°56'E.	93.0 m.	to point 40;
Thence S. 01°57'E.	267.0 m.	to point 41;
Thence S. 13°56'E.	450.3 m.	to point 42;
Thence S. 33°01'E.	80.5 m.	to point 43;
Thence S. 40°01'E.	131.4 m.	to point 44;
Thence S. 21°40'E.	163.9 m.	to point 45;
Thence S. 23°05'E.	91.9 m.	to point 46;
Thence S. 20°08'E.	103.0 m.	to point 47;
Thence S. 24°16'E.	264.0 m.	to point 48;
Thence S. 26°27'E.	384.8 m.	to point 49;
		= '

Thence S. 25°23'E	313.5 m.	to point 50;
Thence S. 32°49'E.	539.3 m.	to point 51;
Thence S. 31°47'E.	211.8 m.	to point 52;
Thence S. 24°18'E.	413.4 m.	to point 53;
Thence S. 18°25'E.	355.2 m.	to point 54;
Thence S. 14°18'E.	404.4 m.	to point 55;
Thence S. 12°10'E.	377.7 m.	to point 56;
Thence S. 36°39'E.	305.7 m.	to point 57;
Thence S. 53°04'E.	240.0 m.	to point 58;
Thence S. 28°02'E.	257.1 m.	to point 59;
Thence S. 43°29'E.	516.3 m.	to point 60;
Thence S. 50°29'E.	324.4 m.	to point 61;
Thence S. 37°05'E.	308.5 m.	to point 62;
Thence S. 06°51'E.	186.7 m.	to point 63;
Thence S. 30°36'E.	515.1 m.	to point 64;
Thence N. 63°25'E	111.8 m.	to point 65;
Thence N. 30°23'E.	475.3 m.	to point 66;
Thence N. 18°39'W.	95.0 m.	to point 67;
Thence N. 45°39'W.	503.5 m.	to point 68;
Thence N. 14°25'W.	400.6 m.	to point 69;
Thence N. 25°36'W.	730.3 m.	to point 70;
Thence N. 59°07'E.	1052.5 m.	to point 71;
Thence S. 60°57'E.	279.1 m.	to point 72;
Thence S. 03°37'W.	138.9 m.	to point 73;
Thence S. 53°44'E.	2275.0 m.	to point 74;
Thence S. 25°41'E.	2167.0 m.	to point 75;
Thence N. 90°00'E.	150.8 m.	to point 76;
Thence S. 10°41'E.	110.0 m.	to point 77;
Thence S. 18°06'E.	269.9 m.	to point 78;
Thence S. 14°41'E.	266.8 m.	to point 79;
Thence S. 22°35'E.	271.8 m.	to point 80;
Thence S. 21°10'E.	302.9 m.	to point 81;
Thence S. 42°17'E.	230.4 m.	to point 82;
Thence S. 30°08'E.	202.7 m.	to point 83;
Thence S. 09°58'E.	84.2 m.	to point 84;
Thence S. 18°32'E.	206.3 m.	to point 85;
Thence S. 16°31'E.	323.3 m.	to point 86;
Thence S. 18°52'E	174.3 m.	to point 87;

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Thence S. 45°05'E.
                      15.2 m
                                      to point 88;
Thence S. 09°09'E.
                      322.0 m.
                                      to point 89;
Thence S. 19°32'E.
                      282.0 m.
                                      to point 90;
Thence S. 17°22'E.
                      290.2 m.
                                      to point 91;
Thence S. 26°32'E.
                      220.7 m.
                                      to point 92;
Thence S. 21°40'E.
                      225.0 m.
                                      to point 93;
Thence S. 49°39'E.
                      195.2 m.
                                      to point 94;
Thence N. 90°00'W.
                      4895.0 m
                                      to point 95;
                                     to point 96;
Thence N. 53°05'W.
                      6357.0 m.
Thence N. 30°21'W.
                      4200.0 m.
                                      to point 97;
Thence N. 22°30'W.
                                      to point 98;
                      1590.0 m.
Thence N. 22°20'W.
                      2760.0 m.
                                      to point 99;
Thence N. 01°04'E.
                      5400.0 m.
                                      to point 100;
Thence N. 85°03'E.
                      5152.2 m.
                                      to point 1;
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to the point of beginning, containing an area of Ten Thousand Five Hundred Thirteen and 30/100 (10,513.30) Hectares, as protected area.

#### PARCEL II

Beginning at point marked "1" on the map which is identical to MBM 20, Agoo Cadastre, N 36° 46'W, 5,125.64 m. from BLLM #1, Cad 314-D, Agoo Cadastre;

```
Thence N. 85°03'E.
                       57.0 m.
                                      to point 2;
Thence S. 34°08'E.
                       309.0 m.
                                      to point 3;
Thence S. 07°28'E.
                       43.0 m.
                                      to point 4;
Thence S. 42°48'E.
                       159.0 m.
                                      to point 5;
Thence S. 52°59'W.
                       19.8 m.
                                      to point 6;
Thence S. 29°46'E.
                       195.8 m.
                                      to point 7;
Thence N. 80°57'E.
                       17.6 m.
                                      to point 8;
Thence S. 32°35'E.
                       167.8 m.
                                      to point 9;
Thence N. 59°47'E.
                       95.5 m.
                                      to point 10;
Thence S. 09°05'E.
                       155.0 m.
                                      to point 11;
Thence S. 07°28'W.
                       138.0 m.
                                      to point 12;
Thence S. 06°49'E.
                       27.5 m.
                                      to point 13;
Thence S. 20°32'E.
                       66.0 m.
                                      to point 14;
Thence S. 07°00'E.
                       122.0 m.
                                      to point 15;
Thence S. 04°07'E.
                       268.0 m.
                                      to point 16;
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Thence S. 05°38'W.	320.0 m.	to point 17;
Thence S. 03°45'E.	390.0 m.	to point 18;
Thence S. 07°41'W.	412.0 m.	to point 19;
Thence S. 07°41'W.	330.0 m.	to point 20;
Thence S. 09°52'W.	411.0 m.	to point 21;
Thence S. 07°41'W.	412.0 m.	to point 22;
Thence S. 30°57'W.	310.0 m.	to point 23;
Thence S. 00°58'E.	315.0 m.	to point 24;
Thence S. 03°23'W.	290.0 m.	to point 25;
Thence S. 03°30'W.	408.0 m.	to point 26;
Thence S. 04°50'W.	61.0 m.	to point 27;
Thence S. 04°36'E.	275.0 m.	to point 28;
Thence S. 08°28'E.	245.0 m.	to point 29;
Thence S. 09°07'E.	135.0 m.	to point 30;
Thence S. 04°37'E.	300.0 m.	to point 31;
Thence S. 01°57'E.	245.0 m.	to point 32;
Thence S. 00°58'E.	52.0 m.	to point 33;
Thence S. 01°56'E.	93.0 m.	to point 34;
Thence S. 01°57'E.	268.0 m.	to point 35;
Thence S. 13°56'E.	445.0 m.	to point 36;
Thence S. 33°01'E.	70.0 m.	to point 37;
Thence S. 40°01'E.	145.0 m.	to point 38;
Thence S. 21°40'E.	190.0 m.	to point 39;
Thence S. 23°05'E.	90.0 m.	to point 40;
Thence S. 20°08'E.	100.0 m.	to point 41;
Thence S. 24°16'E.	265.0 m.	to point 42;
Thence S. 26°27'E.	365.0 m.	to point 43;
Thence S. 25°23'E.	310.0 m.	to point 44;
Thence S. 32°49'E.	520.0 m.	to point 45;
Thence S. 31°47'E.	240.0 m.	to point 46;
Thence S. 24°18'E.	400.0 m.	to point 47;
Thence S. 18°25'E.	355.0 m.	to point 48;
Thence S. 14°18'E.	412.0 m.	to point 49;
Thence S. 12°10'E.	368.0 m.	to point 50;
Thence S. 36°39'E.	265.0 m.	to point 51;
Thence S. 53°04'E.	255.0 m.	to point 52;
Thence S. 28°02'E.	242.0 m.	to point 53;
Thence S. 43°29'E.	505.0 m.	to point 54;

Thence S. 50°29'E.	325.0 m.	to point 55;
Thence S. 37°05'E.	338.0 m.	to point 56;
Thence S. 06°51'E.	188.0 m.	to point 57;
Thence S. 30°36'E.	455.0 m.	to point 58;
Thence N. 63°25'E.	50.0 m.	to point 59;
Thence N. 30°23'E.	435.0 m.	to point 60;
Thence N. 18°39'W.	70.0 m.	to point 61;
Thence N. 45°39'W.	490.0 m.	to point 62;
Thence N. 14°25'W.	425.0 m.	to point 63;
Thence N. 25°36'W.	775.0 m.	to point 64;
Thence N. 59°07'E.	1125.0 m.	to point 65;
Thence S. 60°57'E.	338.0 m.	to point 66;
Thence S. 03°37'W.	139.0 m.	to point 67;
Thence S. 53°44'E.	2255.0 m.	to point 68;
Thence S. 25°45'E.	2148.0 m.	to point 69;
Thence N. 90°00'E.	160.0 m.	to point 70;
Thence S. 10°41'E.	160.0 m.	to point 71;
Thence S. 18°06'E.	265.0 m.	to point 72;
Thence S. 14°41'E.	260.0 m.	to point 73;
Thence S. 22°35'E.	270.0 m.	to point 74;
Thence S. 21°10'E.	270.0 m.	to point 75;
Thence S. 42°17'E.	228.0 m.	to point 76;
Thence S. 30°08'E.	231.0 m.	to point 77;
Thence S. 09°58'E.	100.0 m.	to point 78;
Thence S. 18°32'E.	200.0 m.	to point 79;
Thence S. 16°31'E.	340.0 m.	to point 80;
Thence S. 18°52'E.	127.0 m.	to point 81;
Thence S. 45°05'E.	20.0 m.	to point 82;
Thence S. 09°09'E.	331.0 m.	to point 83;
Thence S. 19°32'E.	275.0 m.	to point 84;
Thence S. 17°22'E.	291.0 m.	to point 85;
Thence S. 26°32'E.	224.0 m.	to point 86;
Thence S. 21°40'E.	210.0 m.	to point 87;
Thence S. 49°39'E.	241.0 m.	to point 88;
Thence S. 90°00'W.	76.0 m.	to point 89;
Thence N. 49°39'W.	195.2 m.	to point 90;
Thence N. 21°40'W.	225.0 m.	to point 91;
Thence N. 26°32'W.	220.7 m.	to point 92;

Thence N. 17°22'W.	290.2 m.	to point 93;
Thence N. 19°32'W.	282.0 m.	to point 94;
Thence N. 09°09'W.	322.0 m.	to point 95;
Thence N. 45°05'W.	15.2 m.	to point 96;
Thence N. 18°52'W.	174.3 m.	to point 97;
Thence N. 16°31'W.	323.3 m.	to point 98;
Thence N. 18°32'W.	206.3 m.	to point 99;
Thence N. 09°58'W.	84.2 m.	to point 100;
Thence N. 30°08'W.	202.7 m.	to point 101;
Thence N. 42°17'W.	230.4 m.	to point 102;
Thence N. 21°10'W.	302.9 m.	to point 103;
Thence N. 22°35'W.	271.8 m.	to point 104;
Thence N. 14°41'W.	266.8 m.	to point 105;
Thence N. 18°06'W.	269.9 m.	to point 106;
Thence N. 10°41'W.	110.0 m.	to point 107;
Thence S. 90°00'W.	150.8 m.	to point 108;
Thence N. 25°41'W.	2167.0 m.	to point 109;
Thence N. 53°44'W.	2275.0 m.	to point 110;
Thence N. 03°37'E.	138.9 m.	to point 111;
Thence N. 60°57'W.	279.1 m.	to point 112;
Thence S. 59°07'W.	1052.5 m.	to point 113;
Thence S. 25°36'E.	730.3 m.	to point 114;
Thence S. 14°25'E.	400.6 m.	to point 115;
Thence S. 45°39'E.	503.5 m.	to point 116;
Thence S. 18°39'E.	95.0 m.	to point 117;
Thence S. 30°23'W.	475.3 m.	to point 118;
Thence S. 63°25'W.	111.8 m.	to point 119;
Thence N. 30°36'W.	515.1 m.	to point 120;
Thence N. 06°51'W.	186.7 m.	to point 121;
Thence N. 37°05'W.	308.5 m.	to point 122;
Thence N. 50°29'W.	324.4 m.	to point 123;
Thence N. 43°29'W.	516.3 m.	to point 124;
Thence N. 28°02'W.	257.1 m.	to point 125;
Thence N. 53°04'W.	240.0 m.	to point 126;
Thence N. 36°39'W.	305.7 m.	to point 127;
Thence N. 12°10'W.	377.7 m.	to point 128;
Thence N. 14°18'W.	404.4 m.	to point 129;
Thence N. 18°25'W.	355.2 m.	to point 130;

Thence N. 24°18'W.	413.4 m.	to point 131;
Thence N. 31°47'W.	211.8 m.	to point 132;
Thence N. 32°49'W.	539.3 m.	to point 133;
Thence N. 25°23'W.	313.5 m.	to point 134;
Thence N. 26°27'W.	384.8 m.	to point 135;
Thence N. 24°16'W.	264.0 m.	to point 136;
Thence N. 20°08'W.	103.0 m.	to point 137;
Thence N. 23°05'W.	91.9 m.	to point 138;
Thence N. 21°40'W.	163.9 m.	to point 139;
Thence N. 40°01'W.	131.4 m.	to point 140;
Thence N. 33°01'W.	80.5 m.	to point 141;
Thence N. 13°56'W.	450.3 m.	to point 142;
Thence N. 01°57'W.	267.0 m.	to point 143;
Thence N. 01°56'W.	93.0 m.	to point 144;
Thence N. 00°58'W.	52.0 m.	to point 145;
Thence N. 01°57'W.	247.0 m.	to point 146;
Thence N. 04°37'W.	298.9 m.	to point 147;
Thence N. 09°07'W.	134.7 m.	to point 148;
Thence N. 08°28'W.	246.7 m.	to point 149;
Thence N. 04°36'W.	277.9 m.	to point 150;
Thence N. 04°50'E.	62.0 m.	to point 151;
Thence N. 03°30'E.	411.2 m.	to point 152;
Thence N. 03°23'E.	288.1 m.	to point 153;
Thence N. 00°58'W.	319.0 m.	to point 154;
Thence N. 30°57'E.	311.1 m.	to point 155;
Thence N. 07°41'E.	411.7 m.	to point 156;
Thence N. 09°52'E.	412.2 m.	to point 157;
Thence N. 07°44'E.	330.6 m.	to point 158;
Thence N. 07°41'E.	411.7 m.	to point 159;
Thence N. 03°45'W.	389.9 m.	to point 160;
Thence N. 05°38'E.	319.4 m.	to point 161;
Thence N. 04°07'W.	264.1 m.	to point 162;
Thence N. 07°00'W.	120.0 m.	to point 163;
Thence N. 20°32'W.	17.5 m.	to point 164;
Thence S. 75°41'W.	10.4 m.	to point 165;
Thence N. 06°49'W.	155.0 m.	to point 166;
Thence S. 86°49'E.	16.2 m.	to point 167;
Thence N. 06°31'W.	16.6 m.	to point 168;

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Thence N. 05°00'W.
                      50.7 m.
                                    to point 169;
                      15.0 m.
                                    to point 170;
Thence S. 89°42'E.
Thence N. 09°05'W.
                      79.2 m.
                                    to point 171;
Thence S. 59°47'W.
                      69.6 m.
                                    to point 172;
Thence N. 32°35'W.
                      183.0 m.
                                    to point 173;
Thence S. 80°57'W.
                      17.6 m.
                                    to point 174;
Thence N. 29°47'W.
                                    to point 175;
                     45.0 m.
Thence N. 29°46'W.
                      146.1 m.
                                    to point 176;
Thence N. 27°22'W.
                      82.8 m.
                                    to point 177;
Thence N. 52°59'E.
                     09.1 m.
                                    to point 178;
Thence N. 42°48'W.
                                    to point 179;
                     71.7 m.
Thence S. 43°31'W.
                     37.5 m.
                                    to point 180;
Thence N. 07°28'W.
                     110.1 m.
                                    to point 181;
Thence N. 34°08'W.
                     323.0 m.
                                    to point 1;
```

point of beginning, containing an area of One Hundred Thirty-Five and 64/100 (135.64) Hectares as Buffer Zone subject to ground verification.

Parcels I and II shall have a total aggregate area of approximately Ten Thousand Six Hundred Forty-Eight and 94/100 (10,648.94) Hectares subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING DINADIAWAN RIVER WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY OF DIPACULAO, PROVINCE OF AURORA AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS DINADIAWAN RIVER PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Dinadiawan River Watershed Forest Reserve consisting of a parcel of land situated in the Municipality of Dipaculao, Province of Aurora, as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R-4A-10.

Bounded on the North by forestland; on the South by forestland; on the East by forestland and Dinadiawan Bay and on the West by forestland. The Dinadiawan River Protected Landscape begins at a point marked "1" on the map which is at the mouth of Dinadiawan River thence;

Thence S 70°00'W	851.4	meters to corner 2;
Thence Due North	456.9	meters to corner 3;
Thence N 21°00'W	450	meters to corner 4;
Thence N 52°00'W	400	meters to corner 5;
Thence N 07°00'W	475	meters to corner 6;
Thence N 16°00'W	550	meters to corner 7;
Thence N 48°00'W	350	meters to corner 8;
Thence N 35°00'W	400	meters to corner 9;
Thence N 04°00'E	225	meters to corner 10;
Thence N 56°00'W	350	meters to corner 11;
Thence S 82°00'W	350	meters to corner 12;

Thence N 31°00'W	350	meters to corner 13;
Thence N 64°00'W	300	meters to corner 14;
Thence S 80°00'W	225	meters to corner 15;
Thence N 51°00'W	450	meters to corner 16;
Thence S 66°00'W	400	meters to corner 17;
Thence N 83°00'W	375	meters to corner 18;
Thence S 65°00'W	350	meters to corner 19;
Thence N 83°00'W	325	meters to corner 20;
Thence N 69°00'W	850	meters to corner 21;
Thence N 08°00'W	650	meters to corner 22;
Thence S 83°00'E	500	meters to corner 23;
Thence N 72°00'E	450	meters to corner 24;
Thence S 53°00'E	225	meters to corner 25;
Thence N 82°00'E	350	meters to corner 26;
Thence S 62°00'E	400	meters to corner 27;
Thence N 88°00'E	275	meters to corner 28;
Thence N 40°00'E	250	meters to corner 29;
Thence N 77°00'E	450	meters to corner 30;
Thence N 13°00'E	300	meters to corner 31;
Thence N 27°00'W	350	meters to corner 32;
Thence N 12°00'W	250	meters to corner 33;
Thence N 80°00'W	300	meters to corner 34;
Thence N 10°00'E	225	meters to corner 35;
Thence N 11°00'W	200	meters to corner 36;
Thence N 57°00'E	400	meters to corner 37;
Thence N 57°00'E	225	meters to corner 38;
Thence N 12°00'E	400	meters to corner 39;
Thence Due North	225	meters to corner 40;
Thence N 44°00'E	425	meters to corner 41;
Thence Due North	700	meters to corner 42;
Thence N 43°00'E	700	meters to corner 43;
Thence N 70°00'E	650	meters to corner 44;
Thence S 55°00'E	400	meters to corner 45;
Thence S 30°00'E	325	meters to corner 46;
Thence S 45°00'E	650	meters to corner 47;
Thence S 34°00'E	350	meters to corner 48;
Thence S 54°00'E	425	meters to corner 49;
Thence S 61°00'E	550	meters to corner 50;

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Thence S 59°00'E
                     675
                           meters to corner 51;
Thence S 56°00'E
                     425
                           meters to corner 52:
Thence N 87°00'E
                     825
                           meters to corner 53:
Thence N 51°00'E
                     275
                           meters to corner 54:
Thence S 80°00'E
                     400
                           meters to corner 55:
Thence S 23°00'E
                     325
                           meters to corner 56:
Thence N 66°00'E
                     250
                           meters to corner 57:
Thence S 69°00'E
                     600
                           meters to corner 58:
Thence S 15°00'E
                     550
                           meters to corner 59:
Thence S 07°00'W
                     300
                           meters to corner 60:
Thence S 61°00'W
                     575
                           meters to corner 61:
Thence N 71°00'W
                     400
                           meters to corner 62:
Thence S 02°00'E
                     250
                           meters to corner 63:
Thence S 25°00'W
                     300
                           meters to corner 64:
Thence S 11°00'W
                     450
                           meters to corner 65:
Thence S 03°00'W
                     250
                           meters to corner 66:
Thence S 45°00'W
                     500
                           meters to corner 67:
Thence S 53°00'W
                     350
                           meters to corner 68:
Thence S 70°00'W
                     275
                           meters to corner 69:
Thence S 24°00'W
                     625
                           meters to corner 70:
Thence S 46°00'W
                     550
                           meters to comer 71:
Thence S 63°00'W
                     200
                           meters to corner 72:
Thence S 63°00'W
                     250
                           meters to corner 73:
Thence S 06°00'E
                     350
                           meters to corner 74:
Thence S 24°00'W
                     550
                           meters to corner 75:
Thence S 33°00'E
                     325
                           meters to corner 76:
Thence S 19°00'W
                     350
                           meters to corner 77:
Thence S 69°59'W
                     575.7 meters to corner 1:
```

containing an area of Three Thousand Three Hundred Seventy-One and 332/100 (3,371.332) Hectares, subject to actual ground survey.

The area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING RIZAL NATIONAL PARK SITUATED IN THE CITY OF DAPITAN, PROVINCE OF ZAMBOANGA DEL NORTE AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS JOSE RIZAL MEMORIAL PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Rizal National Park situated in the City of Dapitan, Province of Zamboanga del Norte as a Protected Area under the category of Protected Landscape and its peripheral areas as Buffer Zone, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order No. 93-02, and other related rules and regulations, if any, as described in the DENR NIPAS Map No. RO9-01.

#### TECHNICAL DESCRIPTIONS

The Jose Rizal Memorial Protected Landscape begins at a point marked "1" on the map which is identical to corner "1" of Zamboanga Project No. 1, Block-III, Alienable and Disposable, LC Map No. 575 which is also N 26°56' W at 1,391.34 meters from BLLM No. 1, PLS-447;

Thence S 50°36'W,	22.9 meters	to corner 2;
Thence S 58°47'W,	52.5 meters	to corner 3;
Thence N 82°53'W,	67.1 meters	to corner 4;
Thence N 86°16'W,	140.9 meters	to corner 5;
Thence N 60°37'W,	49.4 meters	to corner 6;
Thence N 45°29'W,	96.3 meters	to corner 7;
Thence N 70°28'E,	68.2 meters	to corner 8;
Thence N 23°32'E.	111.4 meters	to corner 9:

Thence N 07°19'W,	53.1 meters	to corner 10;
Thence N 55°13'W,	24.9 meters	to corner 11;
Thence N 75°38'W,	20.1 meters	to corner 12;
Thence S 29°23'W,	77.1 meters	to corner 13;
Thence S 39°18'W,	61.5 meters	to corner 14;
Thence S 20°32'W,	67.1 meters	to corner 15;
Thence S 10°32′E,	21.2 meters	to corner 16;
Thence N 43°17'W,	332.1 meters	to corner 17;
Thence N 48°17'W,	267.1 meters	to corner 18;
Thence N 55°41'E,	98.2 meters	to corner 19;
Thence N 28°37'E,	97.1 meters	to corner 20;
Thence S 66°05'E,	104.7 meters	to corner 21;
Thence N 39°43'E,	82.9 meters	to corner 22;
Thence S 53°49'E,	100.5 meters	to corner 23;
Thence N 20°29'E,	96.8 meters	to corner 24;
Thence N 38°43'E,	78.0 meters	to corner 25;
Thence S 71°15'E,	79.6 meters	to corner 26;
Thence N 69°29'E,	138.2 meters	to corner 27;
Thence N 01°02'E,	168.9 meters	to corner 28;
Thence N 26°00'W,	131.4 meters	to corner 29;
Thence N 03°08'W,	72.4 meters	to corner 30;
Thence N 81°23'W,	141.2 meters	to corner 31;
Thence N 22°65'W,	72.9 meters	to corner 32;
Thence N 81°23'W,	126.1 meters	to corner 33;
Thence S 11°43'W,	77.5 meters	to corner 34;
Thence S 44°18'W,	122.7 meters	to corner 35;
Thence S 74°39'W,	126.4 meters	to corner 36;
Thence S 20°32'W,	335.3 meters	to corner 37;
Thence S 03°54'W,	56.9 meters	to corner 38;
Thence S 55°20'W,	111.9 meters	to corner 39;
Thence N 40°16'W,	127.8 meters	to corner 40;
Thence S 80°59'W,	290.6 meters	to corner 41;
Thence N 47°20'W,	111.5 meters	to corner 42;
Thence S 67°52'W,	216.3 meters	to corner 43;
Thence N 83°21'W,	52.8 meters	to corner 44;
Thence N 20°46'E,	310.0 meters	to corner 45;
Thence N 53°43'W,	123.9 meters	to corner 46;
Thence S 54°44'W,	259.9 meters	to corner 47;

Thence N 89°25'W,	143.0 meters	to corner 48;
Thence N 53°32'W,	104.1 meters	to corner 49;
Thence N 40°44′E,	341.5 meters	to corner 50;
Thence N 23°10'W,	595.4 meters	to corner 51;
Thence N 07°29'E,	260.7 meters	to corner 52;
Thence N 53°15'E,	254.1 meters	to corner 53;
Thence N 67°01'E,	89.1 meters	to corner 54;
Thence S 81°46'E,	79.7 meters	to corner 55;
Thence N 62°07'E,	190.8 meters	to corner 56;
Thence S 84°19'E,	163.5 meters	to corner 57;
Thence S 29°05'E,	165.6 meters	to corner 58;
Thence N 88°15'E,	117.0 meters	to corner 59;
Thence S 69°36'E,	83.2 meters	to corner 60;
Thence N 47°50'E,	207.1 meters	to corner 61;
Thence S 10°04'E,	98.7 meters	to corner 62;
Thence S 89°05'E,	18.7 meters	to corner 63;
Thence N 89°17'E,	55.1 meters	to corner 64;
Thence N 30°12'E,	11.5 meters	to corner 65;
Thence S 46°47'E,	13.2 meters	to corner 66;
Thence N 74°27'E,	114.2 meters	to corner 67;
Thence N 89°06'E,	100.6 meters	to corner 68;
Thence S 62°19'E,	81.9 meters	to corner 69;
Thence N 60°47'E,	85.6 meters	to corner 70;
Thence N 81°17'E,	174.6 meters	to corner 71;
Thence N 53°50'E,	26.7 meters	to corner 72;
Thence N 88°12'E,	129.0 meters	to corner 73;
Thence N 01°37'W,	153.6 meters	to corner 74;
Thence N 87°33'E,	66.6 meters	to corner 75;
Thence N 79°43'E,	99.5 meters	to corner 76;
Thence N 64°51'E,	79.6 meters	to corner 77;
Thence S 61°22'E,	38.0 meters	to corner 78;
Thence N 79°42'E,	39.1 meters	to corner 79;
Thence N 29°39'E,	48.1 meters	to corner 80;
Thence N 67°05'E,	145.9 meters	to corner 81;
Thence N 41°16'E,	73.5 meters	to corner 82;
Thence N 13°31'E,	44.6 meters	to corner 83;
Thence N 02°41'W,	50.4 meters	to corner 84;
Thence N 53°59'E,	20.1 meters	to corner 85;

```
Thence S 80°08'E.
                     129.9 meters
                                    to corner 86:
Thence N 46°20'E.
                     113.1 meters
                                    to corner 87:
Thence N 73°45'E.
                     81.8 meters
                                    to corner 88:
Thence S 70°39'E.
                     29.1 meters
                                    to corner 89:
Thence S 42°46'E.
                     27.1 meters
                                    to corner 90:
Thence N 25°37'E.
                     158.4 meters
                                    to corner 91:
Thence S 16°22'E.
                     91.0 meters
                                    to corner 92:
Thence S 14°39'W.
                     206.6 meters
                                    to corner 93:
Thence S 77°43'W,
                     189.0 meters
                                    to corner 94:
Thence S 06°50'W,
                     334.1 meters
                                    to corner 95;
Thence S 21°08'E.
                     606.9 meters
                                    to corner 96:
Thence S 09°35'E.
                     454.7 meters
                                    to corner 97:
Thence S 32°23'W.
                     180.6 meters
                                    to corner 98:
Thence S 49°34'W,
                     151.8 meters
                                    to corner 99:
Thence S 70°56'W,
                     174.0 meters
                                    to corner 100:
Thence S 49°40'W,
                     50.4 meters
                                    to corner 101;
Thence S 35°31'W.
                     219.2 meters
                                    to corner 102:
Thence S 14°13'W.
                     257.5 meters
                                    to corner 103:
Thence S 12°33'E.
                     102.0 meters
                                    to corner 104:
Thence S 09°05'W,
                     38.4 meters
                                    to corner 105:
Thence S 27°34'W.
                     203.2 meters
                                    to corner 106:
Thence S 59°29'W,
                     110.8 meters
                                    to corner 107:
Thence S 22°48'W.
                     47.7 meters
                                    to corner 1, the point of
beginning containing an area of Four Hundred Thirty-Nine (439)
Hectares, more or less.
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The Buffer Zone begins at a point marked "1" on the map which is identical to corner 106 of Jose Rizal Memorial Protected Landscape perimeter;

```
Thence N 27°34'E,
                     203.2 meters
                                    to corner 2:
                                    to corner 3:
Thence N 09°05'E.
                     38.4 meters
Thence N 12°33'W.
                     102.0 meters
                                    to corner 4:
Thence N 14°13'E.
                     257.5 meters
                                    to corner 5:
                     219.2 meters
Thence N 35°31'E,
                                    to corner 6:
Thence N 49°40'E,
                     50.4 meters
                                    to corner 7:
Thence N 70°56'E.
                     174.0 meters
                                    to corner 8:
Thence N 49°34'E.
                     151.8 meters
                                    to corner 9:
Thence N 32°23'E.
                     180.6 meters
                                    to corner 10:
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```
Thence N 09°35'W, 454.7 meters to corner 11;
Thence S 19°04'E, 476.7 meters to corner 12;
Thence S 15°08'W, 161.8 meters to corner 13;
Thence S 41°58'W, 318.0 meters to corner 14;
Thence S 55°13'W, 408.0 meters to corner 15;
Thence S 05°03'W, 284.7 meters to corner 16;
Thence S 40°28'W, 226.2 meters to corner 1, the point of
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Thence S 40°28'W, 226.2 meters to corner 1, the point of beginning containing an area of Fifteen (15) Hectares, more or less.

The technical descriptions of Jose Rizal Memorial Protected Landscape and its Buffer Zone shall be subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE LIBUNAO SPRING WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY OF SINAIT, PROVINCE OF ILOCOS SUR, ISLAND OF LUZON AS PROTECTED AREA UNDER THE CATEGORY OF PROTECTED LANDSCAPE PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS LIBUNAO PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Libunao Spring Watershed Forest Reserve, situated in the Municipality of Sinait, Province of Ilocos Sur, Island of Luzon as Protected Area under the category of Protected Landscape subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R1-09.

The Libunao Protected Landscape begins at Corner "1" on the map identical to Forest Reserve corner No. 26.

```
Thence N. 17°56'10"W
                             239.069 m.
                                           to corner 2:
Thence N. 70°13'26"E. 390.382 m.
                                    to corner 3:
Thence N. 52°13'50"E. 164.954 m.
                                    to corner 4:
Thence S. 75°50'44"E. 90.270 m.
                                    to corner 5:
Thence S. 37°59'1"E. 215.865 m.
                                    to corner 6:
Thence S. 47°56'38"E. 552.152 m.
                                    to corner 7:
Thence S. 56°46'8"W. 429.974 m.
                                    to corner 8:
Thence N. 64°6'57"W. 772.295 m.
                                    to corner 1:
of beginning, containing an area of Forty-Six and 70/100 (46.70)
Hectares subject to actual ground survey.
```

This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992. **IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING MURCIELAGOS ISLAND SITUATED IN THE MUNICIPALITY OF LABASON, PROVINCE OF ZAMBOANGA DEL NORTE AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS MURCIELAGOS ISLAND PROTECTED LANDSCAPE AND SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Murcielagos Island situated in the Municipality of Labason, Province of Zamboanga del Norte as a Protected Area under the category of Protected Landscape and Seascape and its peripheral areas as Buffer Zone, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in the DENR NIPAS Map No. RO9-09.

The Murcielagos Protected Landscape and Seascape begins at a point marked "1" on the map which is N 59°50'W at 10,665.55 meters from BLLM No. 1, PLS-6;

Thence N 19°32'W,	272.90 m.	to corner 2;
Thence N 41°59'W,	247.10 m.	to corner 3;
Thence N 26°20'W,	108.60 m.	to corner 4;
Thence N 53°22'E,	108.90 m.	to corner 5;
Thence N 71°09'E,	137.60 m.	to corner 6;
Thence N 89°09'E,	115.80 m.	to corner 7;
Thence S 80°33'E,	968.00 m.	to corner 8;
Thence S 56°08'E,	222.70 m.	to corner 9;
Thence S 43°30'E,	189.40 m.	to corner 10;
Thence S 10°16'E,	144.20 m.	to corner 11;
Thence S 38°32'W,	271.60 m.	to corner 12;
Thence S 61°06'W.	285.20 m.	to corner 13:

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Thence S 85°36'W, 225.50 m. to corner 14;
Thence N 75°59'W, 297.80 m. to corner 15;
Thence N 62°00'W, 444.00 m. to corner 1, the point of beginning, containing an area of One Hundred (100) Hectares, more or less.
```

The Buffer Zone of the Murcielagos Protected Landscape and Seascape begins at a point marked "1" on the map which is S 10°00'W at 414.00 meters from corner 1 of the Murcielagos Island Protected Landscape and Seascape;

```
Thence N 48°01'W.
                     680.20 m.
                                   to corner 2:
Thence N 02°00'W.
                     817.00 m.
                                   to corner 3:
Thence N 61°59'E.
                     259.90 m.
                                   to corner 4:
Thence S 84°60'E.
                     679.70 m.
                                   to corner 5:
Thence S 61°59'E.
                    743.70 m.
                                   to corner 6:
Thence S 79°60'E,
                    519.80 m.
                                   to corner 7:
Thence S 1°60'E.
                     580.00 m.
                                   to corner 8:
Thence S 43°01'W.
                   740.20 m.
                                   to corner 9:
Thence N 73°01'W.
                     208.10 m.
                                   to corner 10:
Thence S 76°00'W. 460.20 m.
                                   to corner 11:
Thence N 56°01'W.
                    495.20 m.
                                   to corner 1; the point of
beginning containing an area of One Hundred Fifty-One (151)
Hectares, more or less.
```

The technical descriptions of the Murcielagos Island Protected Landscape and Seascape and its buffer zone shall be subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING THE TIPULU-AN MAU-IT WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY OF SIBALOM, PROVINCE OF ANTIQUE AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS SIBALOM NATURAL PARK

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare the Tipulu-an Mau-it Watershed Forest Reserve situated in the Municipality of Sibalom, Province of Antique as Protected Area under the category of Natural Park, subject to private rights and without prejudice to the rights of the Indigenous People as provided for in Republic Act 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R6-3 with the following technical descriptions.

The Natural Park begins at a point marked "1" being S 60°00'E 9,690 meters from Bureau of Land Boundary Monument (BLBM) No. 2 of Brgy. Egaña, Sibalom, Antique;

Thence N 29°45'E	503.60 meters to corner 2;
Thence due North	645.40 meters to corner 3;
Thence N 60°34'E	993.90 meters to corner 4;
Thence N 10°54'E	423.50 meters to corner 5;
Thence N 35°42'E	483.20 meters to corner 6;
Thence N 21°48'E	443.40 meters to corner 7;
Thence N 31°44'E	886.10 meters to corner 8;
Thence N 72°32'E	340.80 meters to corner 9;
Thence S 87°29'E	229.80 meters to corner 10;
Thence S 88°29'E	289.90 meters to corner 11;
Thence N 45°39'E	694.00 meters to corner 12;
Thence N 41°45'E	622.80 meters to corner 13;
Thence S 69°27'E	338.90 meters to corner 14:

453.20 meters to corner 15;
673.40 meters to corner 16;
765.10 meters to corner 17;
342.90 meters to corner 18;
442.00 meters to corner 19;
502.20 meters to corner 20;
782.50 meters to corner 21;
394.70 meters to corner 22;
594.20 meters to corner 23;
348.80 meters to corner 24;
542.20 meters to corner 25;
602.60 meters to corner 26;
292.10 meters to corner 27;
321.80 meters to corner 28;
1065.70 meters to corner 29;
603.40 meters to corner 30;
351.30 meters to corner 31;
380.00 meters to corner 32;
218.60 meters to corner 33;
1,432.70 meters to corner 34;
590.40 meters to corner 35;
741.40 meters to corner 36;
486.70 meters to corner 37;
437.50 meters to corner 38;
932.00 meters to corner 39;
351.20 meters to corner 40;
291.30 meters to corner 41;
493.60 meters to corner 42;
541.50 meters to corner 43;
291.70 meters to corner 44;
402.80 meters to corner 45;
794.40 meters to corner 46;
302.50 meters to corner 47;
645.10 meters to corner 48;
815.60 meters to corner 49;
2997.30 meters to corner 50;
941.90 meters to corner 51;
575.90 meters to corner 52;

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Thence S 09°05'W
                     337.20 meters to corner 53:
Thence S 39°19'W
                     546.50 meters to corner 54:
Thence S 18°10'W
                     982.10 meters to corner 55:
Thence S 04°03'W
                     1140.30 meters to corner 56:
Thence S 89°29'W
                     520.00 meters to corner 57:
Thence S 51°23'W
                     930.20 meters to corner 58:
Thence S 74°28'W
                     1197.40 meters to corner 59:
Thence S 45°21'W
                     1200.70 meters to corner 60:
Thence S 24°13'W
                     595.40 meters to corner 61:
Thence S 45°21'W
                     556.70 meters to corner 62:
Thence S 37°18'W
                     884.40 meters to corner 63:
Thence S 43°20'W
                     2760.00 meters to corner 64:
Thence S 18°19'W
                     1052.00 meters to corner 65:
Thence S 10°03'E
                     486.40 meters to corner 66:
Thence S 28°12'E
                     1647.70 meters to corner 67:
Thence N 88°29'W
                     5893.70 meters to point of beginning
containing an approximate area of Five Thousand Five Hundred
Eleven and 47/100 (5,511.47) Hectares, subject to actual ground
survey.
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These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING TALAYTAY WATERSHED FOREST RESERVE, SITUATED IN THE MUNICIPALITY OF DINALUNGAN, PROVINCE OF AURORA AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS TALAYTAY PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Talaytay Watershed Forest Reserve which is a parcel of land situated in the Municipality of Dinalungan, Province of Aurora as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous people and provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, as described in DENR NIPAS Map No. RO 4A-23:

The Talaytay Protected landscape begins at a point marked "1" on the map located at the center of NIA Dam and lies between geographical coordinates 16°07'30" and 161°5'30" North latitude and 121°50'35" and 121°58'10" East longitude,

Thence N 39°12'W 1,301.9 m. to corner 2; Thence N 69°08'W 1,205.7 m. to corner 3; Thence N 60°11'W 728.1 m. to corner 4; Thence Due West 955.5 m. to corner 5: Thence N 43°53'E 673.6 m. to corner 6: Thence N 67°09'W 552.8 m. to corner 7: Thence N 67°09'W 1.054.9 m. to corner 8: Thence N 34°11'W 1,176.1 m. to corner 9; Thence N 32°11'W 650.7 m. to corner 10; Thence N 7°58'E 1.298.2 m. to corner 11: Thence N 49°53'E 1.892.7 m. to corner 12: 1,690.8 m. to corner 13; Thence N 84°59'E

```
Thence N 17°07'W
                      849.6 m. to corner 14;
Thence N 29°11'W
                      1,275.5 m. to corner 15;
                      398.9 m. to corner 16:
Thence N 75°57'E
Thence S 61°50'E
                      1.320.1 m. to corner 17:
Thence S 61°50'E
                      1,245.4 m. to corner 18;
Thence S 52°47'E
                      1.047.3 m. to corner 19:
Thence S 02°00'W
                      801.9 m. to corner 20:
                      1,202.1 m. to corner 21;
Thence S 11°55'E
                      1,001.9 m. to corner 22;
Thence S 5°49'W
Thence S 18°52'E
                      951.3 m. to corner 23;
Thence S 24°50'E
                      750.8 m. to corner 24:
Thence S 8°56'E
                      851.8 m. to corner 25:
Thence S 11°02'W
                      1,152.6 m. to corner 26;
                      1,255.5 m. to corner 1;
Thence S 54°06'W
```

containing an area of Three Thousand Five Hundred Twenty Six and 29/100 (3,526.29) Hectares, more or less, subject to actual ground survey.

This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE BESSANG PASS NATIONAL SHRINE SITUATED IN THE MUNICIPALITY OF CERVANTES, PROVINCE OF ILOCOS SUR, ISLAND OF LUZON AS A PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE, PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS BESSANG PASS NATURAL MONUMENT/LANDMARK

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Bessang Pass National Shrine consisting of a parcel of land situated in the Municipality of Cervantes, Province of Ilocos Sur, Island of Luzon as Protected Areas under the category of Natural Monument/Landmark and its peripheral areas as Buffer Zone, subject to private rights and without prejudice to the right of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R1-13.

Beginning at point marked 1 on Parcel 1, being S 66°W, 3300 m. from Cor. 10 Proj. No. 13 Blk. No. 23 of A & D, L.C. Map No. 1276:

```
Thence N 20°33'16"E 1378.610 m.
                                   to point 2;
Thence N 69°26'3"E 748.684 m.
                                   to point 3;
Thence S 78°25'37"E 1638.908 m.
                                   to point 4;
Thence S 20°56'52"W 3398.480 m.
                                   to point 5;
Thence N 61°42'5"W 948.030 m.
                                   to point 6;
Thence S 70°33'48"W 631.166 m.
                                   to point 7;
Thence N 46°50'14"W 535.089 m.
                                   to point 8;
Thence N 28°01'24"W 292.903 m.
                                   to point 9;
                                   to point 10;
Thence N 64°40'35"W 352.890 m.
Thence N 49°26'06"E 490.845 m.
                                   to point 11;
Thence N 64°25'41"E 659.415 m.
                                   to point 12;
```

Thence N 38°54′52″W 424.160 m. to point of beginning, containing an area of Six Hundred Ninety-Three and 3166/100 (693.3166) Hectares, as Protected Area.

### Parcel II

The Buffer Zone begins at the corner marked "1" on the map identical to corner 1 of Bessang Natural Monument/Landmark.

```
Thence S 39°25'33"E 423.735 m.
                                   to point 2;
Thence S 64°36'26"W 594.361 m.
                                   to point 3;
Thence S 49°28'50"W 486.421 m.
                                   to point 4;
Thence S 65°9'42"E 353.941 m.
                                   to point 5;
Thence S 28°30'53"E 282.047 m.
                                   to point 6;
                                   to point 7;
Thence S 47°21'5"E 535,216 m.
Thence N 70°20'13"E 636.297 m.
                                   to point 8;
Thence S 62°11'41"E 950.432 m.
                                   to point 9;
Thence N 21°09'16"E 3426.934 m.
                                   to point 10;
Thence S 78°00'50"E 505.805 m.
                                   to point 11;
Thence S 19°50'34"W 4012.372 m.
                                   to point 12;
Thence N 61°48'02"W 1255.922 m.
                                   to point 13;
                                   to point 14;
Thence S 69°39'22"W 623.725 m.
Thence N 46°38'29"W 910.980 m.
                                   to point 15;
Thence N 27°28'38"W 218.409 m.
                                   to point 16;
Thence N 64°50'04"W 355.949 m.
                                   to point 17;
Thence N 64°50'04"W 514.149 m.
                                   to point 18;
Thence N 50°30'41"E 1178.639 m.
                                   to point 19;
Thence N 38°33'59"W 376.642 m.
                                   to point 20;
Thence N 21°39'12"E 952.021 m.
                                   to point 21:
Thence S 74°03'35"E 505.782 m.
                                   to point 22;
Thence S 20°20'38"W 838.323 m.
                                   to point of
```

beginning, containing an area of Four Hundred Twenty-Seven and 7917/100 (427.7917) Hectares, as buffer zone.

Parcels 1 and II shall have a total aggregate area of One Thousand One Hundred Twenty-One and 1083/100 (1,121.1083) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance to the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE MAGAPIT GAME REFUGE AND BIRD SANCTUARY SITUATED IN THE MUNICIPALITIES OF GATTARAN AND LAL-LO, PROVINCE OF CAGAYAN, ISLAND OF LUZON AS PROTECTED AREA PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS MAGAPIT PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare the Magapit Game Refuge and Bird Sanctuary situated in the Municipalities of Gattaran and Lal-lo, Province of Cagayan, Island of Luzon, as protected area under the category of Protected Landscape subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02, and other related rules and regulations, if any, as described in DENR NIPAS Map No. R2-8. Beginning at a point marked "1" on the map which is designated as corner 1 is identical to corner 1 of Cagayan Project No. 1, Block IX, alienable and disposable.

```
Thence S. 10°E. 130.00 m.
                                  to corner 2:
Thence S. 42°W.300.00 m.
                                  to corner 3:
Thence S. 04°W.400.00 m.
                                  to corner 4:
Thence S. 66°W.200.00 m.
                                  to corner 5:
Thence S. 35°W.210.00 m.
                                  to corner 6:
Thence S. 82°W.370.00 m.
                                  to corner 7:
Thence N. 57°W.190.00 m.
                                  to corner 8:
Thence S. 85°W.200.00 m.
                                  to corner 9:
Thence N. 82°W.340.00 m.
                                  to corner 10:
Thence S. 50°W.220.00 m.
                                  to corner 11:
Thence S. 28°W.120.00 m.
                                  to corner 12:
Thence S. 88°W.269.50 m.
                                  to corner 13:
Thence N. 57°W.300.00 m.
                                  to corner 14:
Thence N. 87°W.100.00 m.
                                  to corner 15:
Thence N. 77°W.190.00 m.
                                  to corner 16:
```

Thence	N. 71°W.110.00 m.	to corner 17;
Thence	N. 71°W.190.00 m.	to corner 18;
Thence	N. 40°W.150.00 m.	to corner 19;
Thence	N. 51°W.210.00 m.	to corner 20;
Thence	N. 82°W.290.00 m.	to corner 21;
Thence	N. 32°W.110.00 m.	to corner 22;
Thence	N. 2°W. 305.00 m.	to corner 23;
Thence	N. 7°W. 205.00 m.	to corner 24;
Thence	Due North120.00 m.	to corner 25;
Thence	N. 57°W.80.00 m.	to corner 26;
Thence	N. 57°W.160.00 m.	to corner 27;
Thence	N. 18°W.190.00 m.	to corner 28;
Thence	Due East210.00 m.	to corner 29;
Thence	S. 20°E. 175.00 m.	to corner 30;
Thence	S. 56°E. 210.00 m.	to corner 31;
Thence	S. 50°E. 160.00 m.	to corner 32;
Thence	N. 33°E. 120.00 m.	to corner 33;
Thence	N. 33°E. 150.00 m.	to corner 34;
Thence	S. 72°E. 140.00 m.	to corner 35;
Thence	N. 45°E 165.00 m.	to corner 36;
Thence	N. 2°W. 165.00 m.	to corner 37;
Thence	N. 59°E. 155.00 m.	to corner 38;
Thence	N. 9°W. 280.00 m.	to corner 39;
Thence	N. 45°E. 170.00 m.	to corner 40;
Thence	N. 54°E. 210.00 m.	to corner 41;
Thence	N. 52°E. 130.00 m.	to corner 42;
Thence	N. 47°W.235.00 m.	to corner 43;
Thence	N. 76°W.135.00 m.	to corner 44;
Thence	N. 35°W.250.00 m.	to corner 45;
Thence	N. 39°W.100.00 m.	to corner 46;
Thence	N. 76°W.200.00 m.	to corner 47;
Thence	S. 70°W.170.00 m.	to corner 48;
Thence	S. 12°E. 90.00 m.	to corner 49;
Thence	S. 23°E. 200.00 m.	to corner 50;
Thence	S. 69°W.250.00 m.	to corner 51;
Thence	S. 39°W.120.00 m.	to corner 52;
Thence	N. 79°W.245.00 m.	to corner 53;
Thence	N. 13°W.190.00 m.	to corner 54;
Thence		to corner 55;
Thence	S. 79°W.200.00 m.	to corner 56;
Thence	N. 19°W.140.00 m.	to corner 57;
Thence	N. 76°W.90.00 m.	to corner 58;
	S. 38°W.195.00 m.	to corner 59;
Thence	S. 28°E. 155.00 m.	to corner 60;
Thence	S. 26°E. 160.00 m.	to corner 61;

Thence	S. 4°W. 140.00 m.	to corner 62;
Thence	S. 8°W. 120.00 m.	to corner 63;
Thence	S. 4°W. 150.00 m.	to corner 64;
Thence	S. 49°E. 150.00 m.	to corner 65;
Thence	S. 35°W.255.00 m.	to corner 66;
Thence	S. 67°E. 160.00 m.	to corner 67;
Thence	S. 6°W. 85.00 m.	to corner 68;
Thence	S. 40°E. 160.00 m.	to corner 69;
Thence	S. 28°W 100.00 m.	to corner 70;
Thence	S. 48°E. 120.00 m.	to corner 71;
Thence	S. 26°W.220.00 m.	to corner 72;
Thence	S. 4°E. 120.00 m.	to corner 73;
Thence	S. 34°W.220.00 m.	to corner 74;
Thence	S. 80°W.135.00 m.	to corner 75;
Thence	S. 64°W.100.00 m.	to corner 76;
Thence	N. 77°W.150.00 m.	to corner 77;
Thence	N. 84°W.200.00 m.	to corner 78;
Thence	S. 88°W.225.00 m.	to corner 79;
Thence	N. 40°W.220.00 m.	to corner 80;
Thence	S. 87°W.230.00 m.	to corner 81;
Thence	N. 60°W.190.00 m.	to corner 82;
Thence	S. 74°W.290.00 m.	to corner 83;
Thence	N. 85°W.270.00 m.	to corner 84;
Thence	S. 15°W.80.00 m.	to corner 85;
Thence	N. 43°E. 220.00 m.	to corner 86;
Thence	N. 26°W.360.00 m.	to corner 87;
Thence	N. 38°E. 220.00 m.	to corner 88;
Thence	N. 12°E. 170.00 m.	to corner 89;
Thence	N. 81°E. 110.00 m.	to corner 90;
Thence	N. 14°E. 330.00 m.	to corner 91;
Thence	N. 28°E. 375.00 m.	to corner 92;
Thence	N. 17°W.200.00 m.	to corner 93;
Thence	N. 26°W.375.00m.	to corner 94;
Thence	N. 73°W.240.00 m.	to corner 95;
Thence	S. 68°W.180.00 m.	to corner 96;
Thence	S. 76°W.220.00 m.	to corner 97;
Thence	N. 79°W.180.00 m.	to corner 98;
Thence	S. 88°W.130.00 m.	to corner 99;
Thence	S. 65°W.160.00 m.	to corner 100;
Thence	N. 88°W.500.00 m.	to corner 101;
Thence	N. 25°W.260.00 m.	to corner 102;
Thence	N. 83°W.375.00 m.	to corner 103;
Thence	N. 45°W.215.00 m.	to corner 104;
Thence	N. 24°E. 250.00 m.	to corner 105;
Thence	N. 70°E. 1330.00 m.	to corner 106;

TD1	N. 100W 250 00	107
Thence	N. 19°W.350.00 m.	to corner 107;
Thence	N. 11°15′E1,597.50 m.	to corner 108;
Thence	Due South 370.00 m.	to corner 109;
Thence	S. 17°E. 100.00 m.	to corner 110;
Thence	S. 19°W.170.00 m.	to corner 111;
Thence	S. 19°W.250.00 m.	to corner 112;
Thence	S. 47°E. 230.00 m.	to corner 113;
Thence	S. 52°E. 90.00 m.	to corner 114;
Thence	S. 43°W.160.00 m.	to corner 115;
Thence	S. 14°W.139.20 m.	to corner 116;
Thence	S. 9°E. 175.00 m.	to corner 117;
Thence	S. 32°W.150.00 m.	to corner 118;
Thence	S. 25°W.230.00 m.	to corner 119;
Thence	S. 45°W.140.00 m.	to corner 120;
Thence	S. 9°E. 170.00 m.	to corner 121;
Thence	Due South170.00 m.	to corner 122;
Thence	S. 9°E. 240.00 m.	to corner 123;
Thence	S. 73°E. 300.00 m.	to corner 124;
Thence	S. 19°E. 200.00 m.	to corner 125;
Thence	N. 73°E. 180.00 m.	to corner 126;
Thence	N. 86°E. 130.00 m.	to corner 127;
Thence	N. 9°W. 260.00 m.	to corner 128;
Thence	N. 23°W.210.00 m.	to corner 129;
Thence	N. 68°E. 240.00 m.	to corner 130;
Thence	S. 85°E. 150.00 m.	to corner 131;
Thence	S. 70°E. 130.00 m.	to corner 132;
Thence	S. 70°E. 160.00 m.	to corner 133;
Thence	N. 2°E. 160.00 m.	to corner 134;
Thence	N. 53°E. 250.00 m.	to corner 135;
Thence	N. 48°E. 200.00 m.	to corner 136;
Thence	N. 48°E. 120.00 m.	to corner 137;
Thence	N. 70°E. 200.00 m.	to corner 138;
Thence	S. 11°W.90.20 m.	to corner 139;
Thence	S. 23°E. 140.00 m.	to corner 140;
Thence	S. 22°E. 210.00 m.	to corner 141;
Thence	S. 32°E. 100.00 m.	to corner 142;
Thence	S. 87°E. 130.00 m.	to corner 143;
Thence	N. 35°E. 120.00 m.	to corner 144;
Thence	S. 61°E. 150.00 m.	to corner 145;
Thence	N. 36°E. 160.00 m.	to corner 146;
Thence	N. 19°E. 160.00 m.	to corner 147;
Thence	N. 30°E. 180.00 m.	to corner 148;
Thence	S. 34°E. 120.00 m.	to corner 149;
Thence	S. 14°W.29.20 m.	to corner 150;
Thence	S. 16°E. 120.00 m.	to corner 151;

Thence	N. 44°E. 100.00 m.	to corner 152;
Thence	N. 21°E. 140.00 m.	to corner 153;
Thence	N. 28°E. 180.00 m.	to corner 154;
Thence	N. 41°E. 240.00 m.	to corner 155;
Thence	S. 56°E. 130.00 m.	to corner 156;
Thence	S. 65°E. 200.00 m.	to corner 157;
Thence	N. 2°E. 280.00 m.	to corner 158;
Thence	N. 45°E. 190.00 m.	to corner 159;
Thence	N. 57°E. 180.00 m.	to corner 160;
Thence	N. 11°E. 140.00 m.	to corner 161;
Thence	N. 42°E. 100.00 m.	to corner 162;
Thence	N. 18°E. 110.00 m.	to corner 163;
Thence	N. 3°E. 130.00 m.	to corner 164;
Thence	N. 21°E. 160.00 m.	to corner 165;
Thence	N. 25°E. 240.00 m.	to corner 166;
Thence	N. 52°E. 180.00 m.	to corner 167;
Thence	N. 32°E. 120.00 m.	to corner 168;
Thence	N. 1°W. 130.00 m.	to corner 169;
Thence	N. 32°W.190.00 m.	to corner 170;
Thence	S. 75°W.80.00 m.	to corner 171;
Thence	S. 68°W.280.00 m.	to corner 172;
Thence	N. 54°W.300.00 m.	to corner 173;
Thence	S. 80°W.210.00 m.	to corner 174;
Thence	N. 1°W. 861.30 m.	to corner 175;
Thence	N. 32°E. 160.00 m.	to corner 176;
Thence	N. 69°E. 140.00 m.	to corner 177;
Thence	N. 21°E. 140.00 m.	to corner 178;
Thence	N. 32°E. 180.00 m.	to corner 179;
Thence	N. 6°E. 260.00 m.	to corner 180;
Thence	N. 7°E. 280.00 m.	to corner 181;
Thence	N. 18°E. 280.00 m.	to corner 182;
Thence	N. 84°W.300.00 m.	to corner 183;
Thence	N. 77°W.280.00 m.	to corner 184;
Thence	N. 27°W.180.00 m.	to corner 185;
Thence	N. 09°E. 380.00 m.	to corner 186;
Thence	N. 29°W.300.00 m.	to corner 187;
Thence	N. 19°W.340.00 m.	to corner 188;
Thence	N. 13°W.200.00 m.	to corner 189;
Thence	N. 56°W.520.00 m.	to corner 190;
Thence	N. 53°W.520.00 m.	to corner 191;
Thence	S. 70°W.100.00 m.	to corner 192;
Thence	N. 65°W.400.00 m.	to corner 193;
Thence	N. 54°W.280.00 m.	to corner 194;
Thence	N. 65°W.120.00 m.	to corner 195;
Thence	N. 55°W.260.00 m.	to corner 196;

and a	N. 650XX 145.00	. 105
Thence	N. 65°W.145.00 m.	to corner 197;
Thence	N. 20°E. 140.00 m.	to corner 198;
Thence	N. 45°E. 190.00 m.	to corner 199;
Thence	N. 45°E. 160.00 m.	to corner 200;
Thence	Due East214.10 m.	to corner 201;
Thence	N. 41°E. 200.00 m.	to corner 202;
Thence	N. 31°E. 180.00 m.	to corner 203;
Thence	N. 39°W.375.00 m.	to corner 204;
Thence	N. 20°E. 210.00 m.	to corner 205;
Thence	N. 8°W. 215.00 m.	to corner 206;
Thence	N. 50°E. 145.00 m.	to corner 207;
Thence	N. 78°E. 180.00 m.	to corner 208;
Thence	N. 78°E. 190.00 m.	to corner 209;
Thence	N. 24°E. 145.00 m.	to corner 210;
Thence	N. 24°E. 145.00 m.	to corner 211;
Thence	N. 24°E. 160.00 m.	to corner 212;
Thence	N. 58°E. 300.00 m.	to corner 213;
Thence	S. 81°E. 260.00 m.	to corner 214;
Thence	N. 57°E. 205.00 m.	to corner 215;
Thence	N. 70°E. 160.00 m.	to corner 216;
Thence	S. 42°E. 170.00 m.	to corner 217;
Thence	N. 76°E. 290.00 m.	to corner 218;
Thence	N. 66°E. 200.00 m.	to corner 219;
Thence	N. 25°E. 170.00 m.	to corner 220;
Thence	S. 87°E. 185.00 m.	to corner 221;
Thence	N. 71°E. 278.00 m.	to corner 222;
Thence	N. 45°E. 215.00 m.	to corner 223;
Thence	N. 58°E. 205.00 m.	to corner 224;
Thence	Due North185.00 m.	to corner 225;
Thence	S. 68°E. 190.00 m.	to corner 226;
Thence	S. 42°E. 250.00 m.	to corner 227;
Thence	S. 21°E. 300.00 m.	to corner 228;
Thence	N. 71°W.200.00 m.	to corner 229;
Thence	S. 10°W.240.00 m.	to corner 230;
Thence	S. 53°W.190.00 m.	to corner 231;
Thence	N. 81°W.200.00 m.	to corner 232;
Thence	S. 43°W.290.00 m.	to corner 233;
Thence	S. 2°E. 180.00 m.	to corner 234;
Thence	S. 2°E. 160.00 m.	to corner 235;
Thence	S. 2°E. 210.00 m.	to corner 236,
Thence	S. 48°W.250.00 m.	to corner 237;
Thence	S. 11°W.110.00 m.	to corner 238;
Thence	N. 76°W.190.00 m.	to corner 239;
Thence	N. 72°W.240.00 m.	to corner 240;
Thence	N. 57°W.215.00 m.	to corner 241;

<b></b>		2.12
Thence	N. 89°W.310.00 m.	to corner 242;
Thence	S. 11°W.255.00 m.	to corner 243;
Thence	S. 4°W. 140.00 m.	to corner 244;
Thence	S. 67°W.210.00 m.	to corner 245;
Thence	N. 85°W.150.00 m.	to corner 246;
Thence	S. 59°W.100.00 m.	to corner 247;
Thence	S. 38°E. 140.00 m.	to corner 248;
Thence	S. 72°E. 240.00 m.	to corner 249;
Thence	S. 49°E. 110.00 m.	to corner 250;
Thence	S. 25°E. 240.00 m.	to corner 251;
Thence	S. 5°W. 120.00 m.	to corner 252;
Thence	S. 61°E. 500.00 m.	to corner 253;
Thence	S. 49°E. 140.00 m.	to corner 254;
Thence	S. 16°E. 280.00 m.	to corner 255;
Thence	S. 5°E. 240.00 m.	to corner 256;
Thence	S. 18°E. 205.00 m.	to corner 257;
Thence	S. 32°E. 230.00 m.	to corner 258;
Thence	S. 39°E. 230.00 m.	to corner 259;
Thence	S. 32°E. 100.00 m.	to corner 260;
Thence	N. 69°E. 240.00 m.	to corner 261;
Thence	S. 4°E. 180.00 m.	to corner 262;
Thence	S. 31°E. 180.00 m.	to corner 263;
Thence	S. 50°W.170.00 m.	to corner 264;
Thence	S. 52°E. 200.00 m.	to corner 265;
Thence	S. 61°E. 180.00 m.	to corner 266;
Thence	S. 80°E. 190.00 m.	to corner 267;
Thence	S. 47°E. 300.00 m.	to corner 268;
Thence	N. 52°E. 320.00 m.	to corner 269;
Thence	S. 76°E. 160.00 m.	to corner 270;
Thence	N. 37°E. 375.00 m.	to corner 271;
Thence	N. 4°E. 255.00 m.	to corner 272;
Thence	N. 12°E. 200.00 m.	to corner 273;
Thence	N. 14°W.180.00 m.	to corner 274;
Thence	N. 60°E. 155.00 m.	to corner 275;
Thence	S. 2°E. 440.00 m.	to corner 276;
Thence	S. 10°W.380.00 m.	to corner 277;
Thence	S. 58°W.340.00 m.	to corner 278;
Thence	S. 14°W.480.00 m.	to corner 279;
Thence		to corner 280;
Thence		to corner 281;
Thence	S. 20°E. 480.00 m.	to corner 282;
Thence		to corner 283;
Thence		to corner 284;
Thence		to corner 285;
Thence	S. 32°W.350.00 m.	to corner 286;

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Thence S. 24°E. 400.00 m.
                                  to corner 287:
Thence S. 7°W. 300.00 m.
                                  to corner 288:
Thence S. 32°W.300.00 m
                                  to corner 289:
Thence S. 1°E.
               321.10 m.
                                  to corner 290:
Thence S. 60°E. 280.00 m.
                                  to corner 291:
Thence S. 56°E. 260.00 m.
                                  to corner 292:
Thence S. 72°E. 240.00 m.
                                  to corner 293:
Thence S. 11°E. 260.00 m.
                                  to corner 294;
Thence S. 15°W.450.00 m.
                                  to corner 295:
Thence S. 25°E. 500.00 m.
                                  to corner 296:
Thence S. 15°E. 360.00 m.
                                  to corner 297:
Thence S. 55°E 600.00 m.
                                  to corner 298:
Thence S. 05°E. 340.00 m.
                                  to corner 299:
Thence S. 40°E. 300.00 m.
                                  to corner 300:
Thence S. 23°E. 570.00 m.
                                  to corner 301:
Thence S. 13°E. 330.00 m.
                                  to corner 302:
Thence S. 06°E. 140.00 m.
                                  to corner 303:
Thence S. 78°W.125.00 m.
                                  to corner 1;
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Containing an area of Three Thousand Four Hundred Three and 62/100 (3,403.62) Hectares subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE RAJAH SIKATUNA NATIONAL PARK SITUATED IN THE MUNICIPALITIES OF CARMEN, SIERRA BULLONES, GARCIA HERNANDEZ, VALENCIA, DIMIAO, BILAR AND BATUAN, PROVINCE OF BOHOL AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS RAJAH SIKATUNA PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Rajah Sikatuna National Park consisting of a parcel of land situated in the Municipalities of Carmen, Sierra Bullones, Garcia Hernandez, Valencia, Dimiao, Bilar and Batuan, Province of Bohol, as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the Indigenous People as provided for in Republic Act No. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R07-17:

Beginning at corner marked "1" on the plan identical to corner 22, Alienable and Disposable Block, Bohol Project No. 1-A;

Thence	N 26°34'E	451.53 m	to corner 2;
Thence	N 54°34'E	505.83 m	to corner 3;
Thence	S 52°43'E	496.99 m	to corner 4;
Thence	N 19°43'E	475.09 m	to corner 5;
Thence	N 29°12'W	394.51 m	to corner 6;
Thence	N 00°43'E	546.38 m	to corner 7;
Thence	N 27°46'E	524.56 m	to corner 8;
Thence	N 63°58'E	298.47 m	to corner 9;
Thence	N 88°17'E	685.00 m	to corner 10;
Thence	N 50°06'W	727.02 m	to corner 11;
Thence	N 01°05'W	136.38 m	to corner 12;
Thence	S 72°00'E	241.07 m	to corner 13;
Thence	S 61°09'E	1,141.73 m	to corner 14;

Thence	S 35°49'E	648.17 m	to corner 15;
Thence	N 53°42'E	602.80 m	to corner 16;
Thence	N 29°22'W	555.67 m	to corner 17;
Thence	N 60°39'E	203.83 m	to corner 18;
Thence	S 87°14'E	674.62 m	to corner 19;
Thence	N 77°30'E	371.73 m	to corner 20;
Thence	S 71°01'E	900.58 m	to corner 21;
Thence	S 55°02'E	151.10 m	to corner 22;
Thence	N 47°44'E	477.27 m	to corner 23;
Thence	N 74°55'E	529.12 m	to corner 24;
Thence	N 63°06'E	517.04 m	to corner 25;
Thence	N 63°11'E	1,486.67 m	to corner 26;
Thence	S 71°47'E	341.46 m	to corner 27;
Thence	N 48°23'E	1,306.45 m	to corner 28;
Thence	N 75°53'E	785.29 m	to corner 29;
Thence	N 55°36'E	679.73 m	to corner 30;
Thence	N 51°38'E	1,024.41 m	to corner 31;
Thence	N 75°31'E	371.68 m	to corner 32;
Thence	S 82°51'E	625.15 m	to corner 33;
Thence	S 27°51'E	347.30 m	to corner 34;
Thence	S 47°08'E	502.68 m	to corner 35;
Thence	S 59°33'W	604.99 m	to corner 36;
Thence	S 47°43'W	1,624.19 m	to corner 37;
Thence	S 38°04'W	363.86 m	to corner 38;
Thence	S 67°29'E	517.91 m	to corner 39;
Thence	S 24°38'E	251.78 m	to corner 40;
Thence	S 58°26'E	293.47 m	to corner 41;
Thence	S 01°11'W	247.58 m	to corner 42;
Thence	S 50°22'E	372.38 m	to corner 43;
Thence	S 36°07'W	151.70 m	to corner 44;
Thence	S 08°53'W	1,072.87 m	to corner 45;
Thence	N 68°57'W	520.20 m	to corner 46;
Thence	N 66°59'W	552.37 m	to corner 47;
Thence	N 22°21'W	797.39 m	to corner 48;
Thence	N 42°10'W	439.61 m	to corner 49;
Thence	N 60°22'W	576.83 m	to corner 50;
Thence	N 28°16'E	230.93 m	to corner 51;
Thence	N 27°00'W	496.70 m	to corner 52;
Thence	S 78°24'W	312.58 m	to corner 53;
Thence	S 18°25'W	226.82 m	to corner 54;
Thence	S 15°26'W	592.04 m	to corner 55;
Thence	S 46°16'W	521.33 m	to corner 56;
Thence	S 15°14'W	256.49 m	to corner 57;
Thence	S 20°56'E	263.15 m	to corner 58;
Thence	S 16°19'E	399.74 m	to corner 59;

Thence	S 49°21'E	1,861.22 m	to corner 59A;
Thence	S 14°19'E	1,577.03 m	to corner 60;
Thence	S 73°26'W	224.28 m	to corner 61;
Thence	S 59°46'E	179.11 m	to corner 62;
Thence	S 43°06'W	2,346.24 m	to corner 63;
Thence	S 09°02'E	1,558.70 m	to corner 64;
Thence	S 39°56'W	416.74 m	to corner 65;
Thence	S 37°55'W	965.28 m	to corner 66;
Thence	S 62°52'W	380.55 m	to corner 67;
Thence	S 62°08'W	753.96 m	to corner 68;
Thence	N 73°19'W	796.14 m	to corner 69;
Thence	S 41°55'W	335.70 m	to corner 70;
Thence	S 40°23'W	512.89 m	to corner 71;
Thence	S 16°43'W	562.06 m	to corner 72;
Thence	S 38°32'W	587.86 m	to corner 73;
Thence	S 42°13'W	415.90 m	to corner 74;
Thence	N 73°31'W	173.36 m	to corner 75;
Thence	N 17°24'E	904.28 m	to corner 76;
Thence	N 18°08'E	695.44 m	to corner 77;
Thence	N 03°48'E	999.47 m	to corner 78;
Thence	N 61°39'W	486.88 m	to corner 79;
Thence	S 48°49'W	1,055.33 m	to corner 80;
Thence	S 50°09'W	300.63 m	to corner 81;
Thence	N 86°48'E	96.92 m	to corner 82;
Thence	S 71°31'W	753.51 m	to corner 83;
Thence	S 57°45'W	419.69 m	to corner 84;
Thence	S 31°20'E	118.20 m	to corner 85;
Thence	S 71°04'W	1,236.86 m	to corner 86;
Thence	S 46°00'W	970.20 m	to corner 87;
Thence	S 22°21'W	377.87 m	to corner 88;
Thence	S 79°58'W	155.78 m	to corner 89;
Thence	N 00°38'W	336.33 m	to corner 90;
Thence	N 16°33'E	666.60 m	to corner 91;
Thence	N 08°33'W	510.55 m	to corner 92;
Thence	N 23°26'E	856.57 m	to corner 93;
Thence	N 74°01'E	1,228.06 m	to corner 94;
Thence	N 42°59'E	447.06 m	to corner 95;
Thence	N 49°18'E	1,667.93 m	to corner 96;
Thence	N 21°07'E	1,046.65 m	to corner 97;
Thence	N 51°19'E	493.44 m	to corner 98;
Thence	N 20°27'W	1,188.88 m	to corner 99;
Thence	N 08°50'W	380.45 m	to corner 100;
Thence	N 34°14'E	235.08 m	to corner 101;
Thence	N 42°38'W	326.22 m	to corner 102;
Thence	S 29°40'W	426.63 m	to corner 103;

Thence	S 30°43'W	369.01 m	to corner 104;
Thence	N 73°26'W	304.95 m	to corner 105;
Thence	N 36°20'W	276.96 m	to corner 106;
Thence	N 82°08'W	694.43 m	to corner 107;
Thence	S 05°22'E	609.03 m	to corner 108;
Thence	N 73°11'W	275.61 m	to corner 109;
Thence	S 15°42'W	197.29 m	to corner 110;
Thence	S 72°19'E	219.90 m	to corner 111;
Thence	S 00°43'W	237.92 m	to corner 112;
Thence	S 70°55'W	711.34 m	to corner 113;
Thence	S 39°52'W	379.14 m	to corner 114;
Thence	N 19°07'W	433.34 m	to corner 115;
Thence	S 09°40'W	426.57 m	to corner 116;
Thence	S 69°21'W	537.85 m	to corner 117;
Thence	S 56°13'W	595.15 m	to corner 118;
Thence	S 37°30'W	623.48 m	to corner 119;
Thence	S 71°41'W	123.09 m	to corner 120;
Thence	S 48°14'W	698.88 m	to corner 121;
Thence	S 67°49'W	721.39 m	to corner 122;
Thence	S 01°12'E	185.35 m	to corner 123;
Thence	S 18°37'W	237.47 m	to corner 124;
Thence	N 23°21'W	256.69 m	to corner 125;
Thence	S 20°26'W	571.18 m	to corner 126;
Thence	S 80°31'W	260.36 m	to corner 127;
Thence	S 25°26'W	404.41 m	to corner 128;
Thence	S 34°33'W	986.48 m	to corner 129;
Thence	S 77°06'W	632.26 m	to corner 130;
Thence	N 34°13'W	197.19 m	to corner 131;
Thence	S 09°43'E	178.97 m	to corner 132;
Thence	N 80°09'W	422.82 m	to corner 133;
Thence	S 23°16'W	296.11 m	to corner 134;
Thence	S 19°36'E	184.72 m	to corner 135;
Thence	S 24°22'E	464.30 m	to corner 136;
Thence	S 04°48'E	439.74 m	to corner 137;
Thence	S 39°33'W	196.36 m	to corner 138;
Thence	S 72°38'W	651.31 m	to corner 139;
Thence	S 22°26'E	168.65 m	to corner 140;
Thence	S 35°40'W	403.92 m	to corner 141;
Thence		255.37 m	to corner 142;
Thence	S 77°53'W	152.80 m	to corner 143;
Thence	S 35°10'W	384.08 m	to corner 144;
Thence	N 66°52'W	256.86 m	to corner 145;
Thence	N 19°41'W	192.30 m	to corner 146;
Thence	N 23°48'W	291.53 m	to corner 147;
Thence	N 66°24'W	293.69 m	to corner 148;

Thence	N 79°30'W	501.81 m	to corner 149;
Thence	N 82°57'W	516.82 m	to corner 150;
Thence	N 76°16'W	252.94 m	to corner 151;
Thence	N 42°44'W	858.21 m	to corner 152;
Thence	N 31°25'W	735.15 m	to corner 153;
Thence	N 29°59'W	481.39 m	to corner 154;
Thence	N 27°43'E	137.09 m	to corner 155;
Thence	N 24°39'W	364.08 m	to corner 156;
Thence	N 23°39'E	327.66 m	to corner 157;
Thence	N 00°44'W	269.42 m	to corner 158;
Thence	N 02°38'E	367.36 m	to corner 159;
Thence	N 11°10'E	347.04 m	to corner 160;
Thence	N 11°49'E	682.77 m	to corner 161;
Thence	S 79°37'E	228.88 m	to corner 162;
Thence	N 26°03'W	241.08 m	to corner 163;
Thence	N 38°31'E	304.73 m	to corner 164;
Thence	N 22°52'E	331.01 m	to corner 165;
Thence	N 56°28'W	278.21 m	to corner 166;
Thence	N 07°10'E	434.29 m	to corner 167;
Thence	N 34°08'E	374.17 m	to corner 168;
Thence	N 29°50'E	719.39 m	to corner 169;
Thence	S 21°41'E	258.25 m	to corner 170;
Thence	S 29°31'W	598.28 m	to corner 171;
Thence	N 59°42'E	232.19 m	to corner 172;
Thence	N 28°27'E	684.51 m	to corner 173;
Thence	N 00°26'E	360.75 m	to corner 174;
Thence	N 39°04'E	314.70 m	to corner 175;
Thence	S 64°14'E	246.64 m	to corner 176;
Thence	N 42°32'E	623.97 m	to corner 177;
Thence	N 27°59'E	439.68 m	to corner 178;
Thence	S 15°54'E	379.71 m	to corner 179;
Thence	S 74°18'E	165.05 m	to corner 180;
Thence	N 06°36'W	458.46 m	to corner 181;
Thence	N 39°07'W	155.65 m	to corner 182;
Thence	N 18°51'E	576.88 m	to corner 183;
Thence	N 36°14'E	515.01 m	to corner 184;
Thence	N 19°12'E	301.98 m	to corner 185;
Thence	N 01°02'E	200.13 m	to corner 186;
Thence	N 85°25'E	446.03 m	to corner 187;
Thence	N 18°03'W	355.21 m	to corner 188;
Thence	N 63°40'E	268.97 m	to corner 189;
Thence	S 25°23'E	211.94 m	to corner 190;
Thence	S 72°42'E	217.78 m	to corner 191;
Thence	S 37°00'E	966.05 m	to corner 192;
Thence	S 10°01'E	806.28 m	to corner 193;

Thence	S 82°55'E	369.19 m	to corner 194;
Thence	S 16°36'E	738.23 m	to corner 195;
Thence	N 66°21'E	1,215.30 m	to corner 196;
Thence	N 38°29'E	714.59 m	to corner 197;
Thence	N 50°08'E	193.09 m	to corner 198;
Thence	S 64°37'E	190.42 m	to corner 1.

Containing an approximate area of Ten Thousand Four Hundred Fifty-Two and 60/100 (10,452.60) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

# DECLARING THE MALABUNGOT WILDERNESS AREA SITUATED IN THE MUNICIPALITY OF GARCHITORENA, PROVINCE OF CAMARINES SUR, ISLAND OF LUZON AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS OF 1992) AND SHALL BE KNOWN AS MALABUNGOT PROTECTED LANDSCAPE AND SEASCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Malabungot Wilderness Area consisting of a parcel of land and surrounding waters situated in the Municipality of Garchitorena, Province of Camarines Sur, Island of Luzon as Protected Area under the category of Protected Landscape and Seascape, subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R5-07.

Beginning at a point marked "1" on the map being identical to latitude 13°35'32.77" and longitude 123°35'0.00".

Thence	N 73°02'W	312.70 m.	to corner 2;
Thence	N 15°43'W	203.60 m.	to corner 3;
Thence	N 65°17'W	369.40 m.	to corner 4;
Thence	N 45°13'E	701.40 m.	to corner 5;
Thence	S 11°53'E	347.60 m.	to corner 6;
Thence	S 59°53'E	599.00 m.	to corner 7;
Thence	S 81°15'E	866.40 m.	to corner 8;
Thence	S 52°36'E	323.40 m.	to corner 9;
Thence	S 29°03'W	863.10 m.	to corner 10;
Thence	N 31°38'W	650.60 m.	to corner 11;
Thence	S 76°52'W	229.60 m.	to corner 12;
Thence	N 75°47'W	425.30 m.	to corner 13;
Thence	N 32°18'W	214.80 m.	to corner 1

the point of beginning, containing an area of One Hundred Twenty and 62/100 (120.62) Hectares, more or less, subject to actual ground survey.

The area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE CASECNAN RIVER WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITIES OF DUPAX DEL NORTE, DUPAX DEL SUR, PROVINCE OF NUEVA VIZCAYA, MUNICIPALITIES OF MADELLA AND DIPACULAO, PROVINCES OF QUIRINO AND AURORA, RESPECTIVELY, ISLAND OF LUZON, AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS CASECNAN PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Casecnan River Watershed Forest Reserve situated in the Municipalities of Dupax del Norte, Dupax del Sur, Province of Nueva Vizcaya, Municipalities of Madella and Dipaculao, Provinces of Quirino and Aurora, respectively, Island of Luzon, as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R02-07 with the following technical descriptions.

Beginning at corner "1" a point located N 42°15'E, about 1,925.0 meters from the junction of Casecnan River and Tayabong River and with longitude 121°27'03" and latitude 16°02'52" in the Province of Quirino;

Thence	S 68°09'E	324.10 m.	to point 1
Thence	Due East	449.00 m.	to point 2
Thence	S 41°13'E	695.80 m.	to point 3
Thence	N 81°25'E	499.30 m.	to point 4
Thence	N 84°57'E	848.70 m.	to point 5
Thence	N 54°43'E	551.10 m	to point 6
Thence	N 84°57'E	823.70 m	to point 7

TD1	N. 10050ID	202.60	
Thence	N 12°52'E	302.60 m.	to point 8
Thence	N 52°42'E	200.50 m.	to point 9
Thence	S 71°38'E	249.40 m.	to point 10
Thence	N 40°12'E	452.10 m.	to point 11
Thence	S 89°30'E	449.00 m.	to point 12
Thence	S 33°12'E	198.60 m.	to point 13
Thence	S 88°31'E	274.60 m.	to point 14
Thence	S 17°07'E	991.40 m.	to point 15
Thence	S 81°04'E	399.30 m.	to point 16
Thence	S 48°13'E	348.20 m.	to point 17
Thence	S 72°23'E	449.00 m.	to point 18
Thence	S 17°38'E	1,487.20 m.	to point 19
Thence	S 56°27'E	622.50 m.	to point 20
Thence	S 19°08'E	421.40 m.	to point 21
Thence	S 43°19'W	995.80 m.	to point 22
Thence	S 37°28'E	1,192.30 m.	to point 23
Thence	S 35°12'E	620.80 m.	to point 24
Thence	S 47°18'E	671.50 m.	to point 25
Thence	S 40°28'E	447.30 m.	to point 26
Thence	S 2°16'W	1,136.40 m.	to point 27
Thence	S 29°46'W	1,241.80 m.	to point 28
Thence	S 18°41'W	942.30 m.	to point 29
Thence	S 40°48'W	1,194.40 m.	to point 30
Thence	S 80°06'W	1,001.30 m.	to point 31
Thence	S 60°01'W	1,198.60 m.	to point 32
Thence	S 42°49'W	1,045.50 m.	to point 33
Thence	S 21°58'W	694.60 m.	to point 34
Thence	N 81°56'W	1,602.80 m.	to point 35
Thence	S 14°09'W	669.20 m.	to point 36
Thence	S 9°04'E	1,065.30 m.	to point 37
Thence	S 26°25'W	819.20 m.	to point 38
Thence	S 72°11'W	650.40 m.	to point 39
Thence	S 82°05'W	350.50 m.	to point 40
Thence	S 56°32'W	399.30 m.	to point 41
Thence	S 35°18'W	1,491.50 m.	to point 42
Thence	S 71°11'W	1,800.80 m.	to point 43
Thence	N 66°51'W	802.20 m.	to point 44
Thence	N 78°25'W	751.40 m.	to point 45
Thence	N 37°47'W	1,912.10 m.	to point 46
Thence	N 82°12'W	701.20 m.	to point 47
Thence	S 50°48'W	872.60 m.	to point 48
Thence	S 77°38'W	2,327.50 m.	to point 49
Thence	S 67°13'W	1,549.90 m.	to point 50
Thence	S 23°13'W	570.60 m.	to point 51
Thence	S 5°03'W	1,213.80 m.	to point 52

Thence	S 46°19'W	622.70 m.	to point 53
Thence	S 75°09'W	1,651.40 m.	to point 54
Thence	S 51°48'W	1,471.20 m.	to point 55
Thence	N 71°52'W	1,453.40 m.	to point 56
Thence	N 83°57'W	926.60 m.	to point 57
Thence	S 80°21'W	700.90 m.	to point 58
Thence	N 18°07'W	1,008.50 m.	to point 59
Thence	N 53°48'W	1,305.50 m.	to point 60
Thence	N 86°13'W	901.50 m.	to point 61
Thence	N 34°48'W	1,409.40 m.	to point 62
Thence	N 25°05'W	1,461.40 m.	to point 63
Thence	N 74°53'W	1,177.50 m.	to point 64
Thence	N 47°47'W	2,010.10 m.	to point 65
Thence	N 24°35'W	1,234.70 m.	to point 66
Thence	N 64°50'W	476.40 m.	to point 67
Thence	N 37°47'W	427.70 m.	to point 68
Thence	N 42°47'W	452.60 m.	to point 69
Thence	N 75°54'W	501.00 m.	to point 70
Thence	S 74°40'W	600.50 m.	to point 71
Thence	N 2°59'W	1,665.20 m.	to point 72
Thence	Due North	1,690.00 m.	to point 73
Thence	N 36°47'W	1,207.80 m.	to point 74
Thence	N 75°43'W	1,327.70 m.	to point 75
Thence	N 42°17'W	905.20 m.	to point 76
Thence	N 22°51'W	428.40 m.	to point 77
Thence	Due North	529.80 m.	to point 78
Thence	N 46°47'W	904.60 m.	to point 79
Thence	N 30°34'W	1,561.20 m.	to point 80
Thence	N 34°48'W	1,711.40 m.	to point 81
Thence	N 3°43'W	756.90 m.	to point 82
Thence	N 27°49'W	881.60 m.	to point 83
Thence	N 10°53'E	1,261.10 m.	to point 84
Thence	N 26°49'W	554.20 m.	to point 85
Thence	N 9°54'W	756.70 m.	to point 86
Thence	N 31°43'E	578.60 m.	to point 87
Thence	N 52°02'W	351.60 m.	to point 88
Thence	N 77°55'W	776.50 m.	to point 89
Thence	N 37°17'W	1,232.90 m.	to point 90
Thence	N 43°47'W	1,256.90 m.	to point 91
Thence	N 40°02'W	1,006.10 m.	to point 92
Thence	N 87°59'W	2,353.80 m.	to point 93
Thence	N 53°48'W	527.20 m.	to point 94
Thence	Due West	801.30 m.	to point 95
Thence	N 49°47'W	653.10 m.	to point 96
Thence	N 5°26'E	577.30 m.	to point 97
			- r /

Thence	Due North	454.20 m.	to point 08
Thence	N 17°49'E	478.90 m.	to point 98 to point 99
Thence	N 9°56'W	782.00 m.	to point 100
Thence	N 36°47'W	1,333.60 m.	to point 100
Thence	Due North	428.90 m.	to point 101
Thence	N 35°42'E	930.10 m.	to point 102
Thence	N 27°45'E	654.50 m.	to point 103
Thence	N 47°27'E	1,379.60 m.	•
Thence	Due North	353.20 m.	to point 105
Thence	N 28°44'E	1,006.70 m.	to point 106
	N 28 44 E N 28°14'E	· ·	to point 107
Thence	N 75°51'E	453.00 m. 674.30 m.	to point 108
Thence			to point 109
Thence	N 55°43'E	1,152.10 m.	to point 110
Thence	N 37°12'E	402.10 m.	to point 111
Thence	S 88°29'E	848.60 m.	to point 112
Thence	S 68°24'E	473.70 m.	to point 113
Thence	N 85°57'E	349.50 m.	to point 114
Thence	N 56°43'E	1,277.10 m.	to point 115
Thence	N 38°42'E	854.20 m.	to point 116
Thence	N 23°46'E	1,259.30 m.	to point 117
Thence	N 6°57'W	782.10 m.	to point 118
Thence	N 18°49'E	705.70 m.	to point 119
Thence	N 64°46'E	775.30 m.	to point 120
Thence	N 8°39'E	630.60 m.	to point 121
Thence	N 3°58'W	504.60 m.	to point 122
Thence	N 14°51'E	655.50 m.	to point 123
Thence	N 13°09'W	554.90 m.	to point 124
Thence	N 35°42'E	477.60 m.	to point 125
Thence	N 81°55'E	674.10 m.	to point 126
Thence	S 47°13'E	994.10 m.	to point 127
Thence	S 82°04'E	349.40 m.	to point 128
Thence	N 59°44'E	775.90 m.	to point 129
Thence	S 88°59'E	1,048.30 m.	to point 130
Thence	N 26°45'E	1,183.20 m.	to point 131
Thence	N 43°41'E	702.80 m.	to point 132
Thence	S 55°57'E	572.70 m.	to point 133
Thence	S 12°51'E	669.00 m.	to point 134
Thence	S 32°57'E	695.10 m.	to point 135
Thence	S 59°12'E	1,693.80 m.	to point 136
Thence	S 80°34'E	424.20 m.	to point 137
Thence	N 78°53'E	724.10 m.	to point 138
Thence	S 79°05'E	823.50 m.	to point 139
Thence	S 25°10'E	620.10 m.	to point 140
Thence	S 64°10'E	847.40 m.	to point 141
Thence	S 26°10'E	818.60 m.	to point 141
1 1101100	5 20 10 L	010.00 111.	15 point 172

Thence	S 4°48'W	941.30 m.	to point 143
Thence	S 12°38'W	991.30 m.	to point 144
Thence	S 2°01'E	792.60 m.	to point 145
Thence	S 25°10'E	396.90 m.	to point 146
Thence	S 6°04'W	371.60 m.	to point 147
Thence	S 46°43'E	497.40 m.	to point 148
Thence	S 9°44'E	693.70 m.	to point 149
Thence	S 31°42'E	620.50 m.	to point 150
Thence	S 18°38'E	718.90 m.	to point 151
Thence	S 23°13'W	297.70 m.	to point 152
Thence	N 79°56'W	1,001.80 m.	to point 153
Thence	N 66°51'W	1,128.10 m.	to point 154
Thence	N 22°21'W	1,083.40 m.	to point 155
Thence	N 78°25'W	325.60 m.	to point 156
Thence	S 4°02'E	544.90 m.	to point 157
Thence	S 9°06'W	396.40 m.	to point 158
Thence	S 17°53'E	818.00 m.	to point 159
Thence	S 3°02'W	544.90 m.	to point 160
Thence	S 47°19'W	956.70 m.	to point 161
Thence	Due South	371.50 m.	to point 162
Thence	S 32°12'E	695.00 m.	to point 163
Thence	S 42°13'E	1,391.90 m.	to point 164
Thence	S 66°10'E	423.80 m.	to point 165
Thence	S 5°48'E	619.20 m.	to point 166
Thence	S 19°42'W	868.00 m.	to point 167
Thence	Due South	619.20 m.	to point 168
Thence	S 10°35'E	792.80 m.	to point 169
Thence	S 43°43'E	348.00 m.	to point 170
Thence	S 84°18'E	374.40 m.	to point 171
Thence	S 48°43'E	373.10 m.	to point 172
Thence	S 15°25'W	1,561.60 m.	to point 173
Thence	S 18°08'E	941.90 m.	to point 174
Thence	S 51°13'E	472.80 m.	to point 175
Thence	S 81°04'E	324.40 m.	to point 176
Thence	S 42°13'E	646.20 m.	to point 177
Thence	S 14°06'E	1,065.60 m.	to point 177
Thence	S 6°48'E	1,015.60 m.	to point 179
Thence	S 32°12'E	422.00 m.	to point 179
Thence	S 67°09'E	1.097.00 m.	to point 181
Thence	Due East	274.60 m.	to point 182
Thence	N 44°11'E	251.00 m.	to point 182
Thence	N 21°17'E	806.20 m.	to point 183
Thence	N 14°51'E	605.10 m.	to point 185
Thence	N 36°27'E	980.20 m.	to point 185
Thence	N 36°42'E	527.80 m.	to point 180
THORCE	11 JU 74 E	521.00 III.	to point 167

Thence	S 69°39' E	922.70 m.	to point 188
Thence	N 81°55'E	474.30 m.	to point 189
Thence	N 56°43'E	676.10 m.	to point 190
Thence	N 44°41'E	853.30 m.	to point 191
Thence	N 65°31'E	550.10 m.	to point 192
Thence	S 72°08'E	648.50 m.	to point 193
Thence	N 84°57'E	698.90 m.	to point 194
Thence	S 84°03'E	599.00 m.	to point 195
Thence	S 44°13'E	422.60 m.	to point 196
Thence	S 14°36'E	817.80 m.	to point 197
Thence	S 59°12'E	697.50 m.	to point 198
Thence	S 32°12'E	992.90 m.	to point 199
Thence	S 77°06'E	449.10 m.	to point 200
Thence	N 55°43'E	450.80 m.	to point 201
Thence	N 80°09'E	599.20 m.	to point 202
Thence	S 87°01'E	574.10 m.	to point 203
Thence	N 66°47'E	1,225.10 m.	to point 204
Thence	N 82°10'E	1,897.30 m.	to point 205
Thence	N 32°58'E	628.70 m.	to point 206
Thence	S 73°52'E	449.00 m.	to point 207
Thence	N 84°57'E	748.90 m.	to point 208
Thence	S 56°12'E	796.80 m.	to point 209
Thence	S 31°12'E	521.20 m.	to point 210
Thence	S 4°02'E	569.70 m.	to point of

Beginning containing an approximate area of Eighty-Eight Thousand Eight Hundred Forty-Six and 80/100 (88,846.80) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS ACT of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING THE BIGBIGA SPRING WATERSHED FOREST RESERVE SITUATED IN BARANGAY CADACAD, MUNICIPALITY OF NARVACAN, PROVINCE OF ILOCOS SUR, ISLAND OF LUZON, AS PROTECTED AREA UNDER THE CATEGORY OF PROTECTED LANDSCAPE PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS BIGBIGA PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Bigbiga Spring Forest Reserve situated in Barangay Cadacad, Municipality of Narvacan, Province of Ilocos Sur, Island of Luzon, as protected area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the Indigenous people as provided for in R.A. 8371, DENR Administrative Order No. 93-02, and other related rules and regulations, if any, as described in DENR NIPAS Map No. R1-11.

The Bigbiga Protected Landscape begins at corner "1" on the plan identical to S. 89°W, 1490 m. from Barangay Cadacad, Narvacan, Ilocos Sur:

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Thence S. 26°33'58"W.
                        438.880 m.
                                         to corner 2:
Thence S. 66°45'41"W.
                        258.227 m.
                                         to corner 3:
Thence S. 42°37'22"W. 408.141 m.
                                         to corner 4:
Thence S. 63°44'29"W.
                        258.286 m.
                                         to corner 5:
Thence S. 52°40'25"W. 169.047 m.
                                         to corner 6:
Thence S. 87°55'06"W.
                        178.586 m.
                                         to corner 7:
Thence S. 22°26'35"W. 170.329 m.
                                         to corner 8:
Thence S. 10°34'01"W.
                        269.300 m.
                                         to corner 9:
Thence N. 31°25'12"E.
                        60.187 m.
                                         to corner 10:
Thence N. 73°19'57"W. 12.550 m.
                                         to corner 11:
Thence S. 46°35'30"W. 17.910 m.
                                         to corner 12:
Thence S. 75°34'27"W. 16.081 m.
                                         to corner 13:
Thence S. 62°59'11"W. 18.479 m.
                                         to corner 14;
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Thence S. 51°40'05"W.
                         16.608 m.
                                          to corner 15:
Thence S. 23°04'29"W.
                         16.715 m.
                                          to corner 16:
Thence S. 47°03'38"W.
                         11.691 m.
                                          to corner 17:
Thence S. 72°52'16"W.
                         21.345 m.
                                          to corner 18:
Thence N. 12°53'24"W. 79.649 m.
                                          to corner 19:
Thence N. 10°01'25"W. 41.509 m.
                                          to corner 20:
Thence N. 73°22'30"E.
                         28.203 m.
                                          to corner 21:
Thence N. 85°22'05"E.
                         15.238 m.
                                          to corner 22:
Thence N. 87°15'12"E.
                         14.311 m.
                                          to corner 23:
Thence N. 78°30'14"E.
                                          to corner 24:
                         15.465 m.
Thence N. 68°40'30"E.
                         20.542 m.
                                          to corner 25:
Thence N. 82°37'21"E.
                         26.905 m.
                                          to corner 26:
Thence N. 79°50'37"E.
                         26.701 m.
                                          to corner 27:
Thence N. 86°09'42"E.
                         15.218 m.
                                          to corner 28:
Thence N. 04°27'22"E.
                         509.719 m.
                                          to corner 29:
Thence S. 67°04'58"E.
                         179.514 m.
                                          to corner 30:
Thence N. 21°12'43"E.
                                          to corner 31:
                         671.986 m.
Thence N. 12°26'21"E.
                         545.736 m.
                                          to corner 32:
Thence N. 84°06'40"E.
                         241.857 m.
                                          to corner 33:
Thence S. 01°32'45"W. 160.143 m.
                                          to corner 34:
Thence S. 11°25'50"E.
                         250.662 m.
                                          to corner 35:
Thence S. 22°23'37"E.
                         331.332 m.
                                          to corner 36:
Thence S. 08°26'17"E.
                         210.473 m.
                                          to corner 37:
Thence S. 06°26'32"E.
                         200.397 m.
                                          to corner 38:
Thence S. 71°05'06"E.
                         141.097 m.
                                          to corner 1:
```

of beginning, containing an area of One Hundred Thirty-Five and 7140/100 (135.7140) Hectares, subject to actual ground survey.

This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING CERTAIN PARCEL OF LAND OF THE PUBLIC DOMAIN SITUATED IN THE COASTAL AREAS OF THE MUNICIPALITIES OF LAVEZARES, ROSARIO, SAN JOSE, BIRI AND NEIGHBORING ISLANDS SUCH AS BANI, SAN JUAN, GILBERT, CABUNGON GRANDE AND BIRI ISLANDS AND ITS SURROUNDINGS REEFS, PROVINCE OF NORTHERN SAMAR, ISLAND OF VISAYAS AS PROTECTED AREA PURSUANT TO R.A. 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS BIRI LAROSA PROTECTED LANDSCAPE/SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested in me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare the coastal areas of the municipalities of Lavezares, Rosario, San Jose, Biri and the neighboring islands such as Bani, San Juan, Gilbert, Cabungon Grande and Biri Islands and its surrounding reefs, Province of Northern Samar, Island of Visayas as protected area under the category of protected Landscape/Seascape, subject to private rights if any, as described in DENR NIPAS Map No. R8-11.

Beginning from point 1 which is 12°32'12"N latitude, 124°19'42"E longitude to point 2:

1 /		
thence 12°33'30" N latitude,	124°17'45"E longitude	to point 3;
thence 12°35'00" N latitude,	124°17'30"E longitude	to point 4;
thence 12°37'05" N latitude,	124°20'35"E longitude	to point 5;
thence 12°42'14" N latitude,	124°20'37"E longitude	to point 6;
thence 12°42'00" N latitude,	124°24'34"E longitude	to point 7;
thence 19°33'14" N latitude,	124°32'18"E longitude	to point 8;
thence 12°31'35" N latitude,	124°30'25"E longitude	to point 1.
		-

Containing an approximate area of Thirty-Three Thousand Four Hundred Ninety-Two (33,492) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

DECLARING MT. CALAVITE GAME REFUGE AND BIRD SANCTUARY, SITUATED IN THE MUNICIPALITY OF PALUAN PROVINCE OF OCCIDENTAL MINDORO AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS MT. CALAVITE WILDLIFE SANCTUARY

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Mt. Calavite Game Refuge and Bird Sanctuary consisting of a parcel of land situated in the Municipality of Paluan, Province of Occidental Mindoro as Protected Area under the category of Wildlife Sanctuary, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations if any, as described in DENR NIPAS Map No. R04B-01.

Beginning at a point marked 1 on the map which is N 06°50'11.69"W, about 3,862.68 meters from BLLM No. 1, PLS-26 of Paluan, Occidental Mindoro.

Thence	N 68°07'W	858.35 m.	to corner 2;
Thence	N 58°05'W	599.00 m.	to corner 3;
Thence	N 39°59'W	699.59 m.	to corner 4;
Thence	S 41°46'W	1,128.72 m.	to corner 5;
Thence	N 47°50'W	730.14 m.	to corner 6;
Thence	S 47°46'W	774.07 m.	to corner 7;
Thence	S 32°24'E	721.14 m.	to corner 8;
Thence	S 11°22'E	450.16 m.	to corner 9;
Thence	S 09°57'E	560.45 m.	to corner 10;
Thence	N 70°05'W	449.27 m.	to corner 11;
Thence	S 42°55'W	282.05 m.	to corner 12;
Thence	S 25°32'W	810.39 m.	to corner 13;
Thence	S 89°50'W	394.83 m.	to corner 14;
Thence	N 40°44'W	1,218.87 m.	to corner 15;
Thence	S 05°46'E	1.035.56 m.	to corner 16:

	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	254.02	
Thence	S 31°46'W	364.82 m.	to corner 17;
Thence	N 79°08'W	419.11 m.	to corner 18;
Thence	S 59°41'W	1,174.51 m.	to corner 19;
Thence	N 56°23'W	332.36 m.	to corner 20;
Thence	N 63°01'W	549.16 m.	to corner 21;
Thence	S 82°29'W	656.93 m.	to corner 22;
Thence	S 61°19'E	1,237.84 m.	to corner 23;
Thence	S 82°24'E	601.62 m.	to corner 24;
Thence	S 74°46'W	916.74 m.	to corner 25;
Thence	N 39°51'W	215.08 m.	to corner 26;
Thence	N 89°35'W	397.84 m.	to corner 27;
Thence	S 80°49'W	344.21 m.	to corner 28;
Thence	S 12°35'E	383.42 m.	to corner 29;
Thence	S 51°04'W	316.91 m.	to corner 30;
Thence	S 06°06'E	435.48 m.	to corner 31;
Thence	S 27°16'E	416.32 m.	to corner 32;
Thence	S 35°50'W	530.24 m.	to corner 33;
Thence	S 26°31'E	351.76 m.	to corner 34;
Thence	S 62°50'E	439.59 m.	to corner 35;
Thence	S 48°30'E	674.80 m.	to corner 36;
Thence	S 29°14'W	449.93 m.	to corner 37;
Thence	S 63°02'W	713.84 m.	to corner 38;
Thence	S 52°33'E	609.91 m.	to corner 39;
Thence	S 82°55'W	1,022.71 m.	to corner 40;
Thence	N 75°41'W	1,010.75 m.	to corner 41;
Thence	N 50°37'W	1,049.11 m.	to corner 42;
Thence	N 46°53'W	980.81 m.	to corner 43;
Thence	N 36°43'W	424.73 m.	to corner 44;
Thence	S 02°10'W	583.17 m.	to corner 45;
Thence	S 02°15'E	560.71 m.	to corner 46;
Thence	S 87°60'W	938.19 m.	to corner 47;
Thence	N 50°16'W	1,079.36 m.	to corner 48;
Thence	N 37°17'W	1,159.29 m.	to corner 49;
Thence	N 35°37'W	1,199.11 m.	to corner 50;
Thence	N 51°04'W	618.95 m.	to corner 51;
Thence	N 26°18'W	1,078.38 m.	to corner 52;
Thence	N 69°30'W	673.77 m.	to corner 53;
Thence	N 01°10'W	1,121.46 m.	to corner 54;
Thence	N 41°20'W	1,177.22 m.	to corner 55;
Thence	N 26°50'W	700.18 m.	to corner 56;
Thence	N 69°58'E	652.08 m.	to corner 57;
Thence	N 39°01'E	994.80 m.	to corner 58;
Thence	N 06°18'E	1,123.83 m.	to corner 59;
Thence	N 43°24'E	376.92 m.	to corner 60;
Thence	N 01°15'W	902.57 m.	to corner 61;
			•

```
Thence N 67°53'E
                         752.97 m.
                                          to corner 62:
Thence N 21°03'E
                         633.81 m.
                                          to corner 63:
Thence N 57°14'E
                         395.43 m.
                                          to corner 64:
Thence N 19°59'E
                         540.30 m.
                                          to corner 65:
Thence N 74°29'E
                         922.36 m.
                                          to corner 66:
Thence N 55°12'E
                         964.13 m.
                                          to corner 67:
Thence N 21°32'E
                         1.054.97 m.
                                          to corner 68:
Thence N 63°58'E
                         1.375.47 m.
                                          to corner 69:
Thence N 61°27'E
                         1,123.41 m.
                                          to corner 70:
Thence N 70°08'E
                         1.362.16 m.
                                          to corner 71:
Thence N 71°13'E
                         1.953.34 m.
                                          to corner 72:
Thence S 85°57'E
                         1.142.84 m.
                                          to corner 73:
Thence N 81°24'E
                         546.84 m.
                                          to corner 74:
Thence N 73°42'E
                         541.18 m.
                                          to corner 75:
Thence S 85°33'E
                         832.29 m.
                                          to corner 76:
Thence S 87°45'E
                         862.44 m.
                                          to corner 77:
Thence S 66°15'E
                         1.213.47 m.
                                          to corner 78:
Thence N 86°09'E
                         459.25 m.
                                          to corner 79:
Thence S 54°32'E
                         696.62 m.
                                          to corner 80:
Thence S 24°37'E
                         665.77 m.
                                          to corner 81:
Thence S 72°17'E
                         583.15 m.
                                          to corner 82:
                         7,403.08 m.
Thence Due South
                                          to corner 1:
```

containing an area of Eighteen Thousand Sixteen and 19/100 (18,016.19) Hectares, subject to actual ground survey.

It shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 23rd day of April, in the year of Our Lord, two thousand.

DECLARING THE ALBURQUERQUE-LOAY-LOBOC MANGROVE SWAMP FOREST RESERVE AND ITS SURROUNDING WATERS SITUATED AT BARANGAYS SAN AGUSTIN, BAHI, EPO, STA. FE AND TAGBUANE MUNICIPALITY OF ALBURQUERQUE, COASTAL AREAS OF LOAY AND RIVERSIDE OF LOBOC, PROVINCE OF BOHOL, ISLAND OF VISAYAS AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS ALBURQUERQUE-LOAY-LOBOC PROTECTED LANDSCAPE/SEASCAPE

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Loboc-Loay-Alburquerque covering the Barangays of San Agustin, Bahi, Epo, Sta. Fe, and Tagbuane consisting of a parcel of land situated in the Municipality of Alburquerque, coastal areas of Loay, riverside of Loboc, Province of Bohol as Protected Area under the category of Protected Landscape/Seascape, subject to private rights and without prejudice to the rights of the Indigenous People as provided for in R.A. 8371, DENR Administrative Order No. 93-02 and other rules and regulations if any, as described in DENR NIPAS Map R07-14:

Beginning at corner marked "1" on the plan being Cor. 1 N 53°00'W, 260.00 m, from BLLM # 1 of Loay, Bohol;

Thence	N 76°31'W	86.50 m to corner	2;
Thence	N 01°55'E	139.50 m	to corner 3;
Thence	S 80°35'W	124.80 m	to corner 4;
Thence	S 05°44'W	160.50 m	to corner 5;
Thence	Due West	149.50 m	to corner 6;
Thence	S 09°34'W	290.60 m	to corner 7;
Thence	S 49°03'E	307.30 m	to corner 8;
Thence	S 85°11'E	260.20 m	to corner 9:

Thence	S 81°19'E	977.70 m	to corner 10;
Thence	S 65°48'E	455.10 m	to corner 11;
Thence	S 85°11'E	270.60 m	to corner 12;
Thence	S 65°48'E	300.00 m	to corner 13;
Thence	S 82°17'E	364.10 m	to corner 14;
Thence	S 17°36'E	151.00 m	to corner 15;
Thence	Due East	289.00 m	to corner 16;
Thence	N 44°15'E	335.80 m	to corner 17;
Thence	N 55°50'E	615.80 m	to corner 18;
Thence	N 20°49'E	260.50 m	to corner 19;
Thence	S 70°40'E	248.80 m	to corner 20;
Thence	S 19°11'W	389.40 m	to corner 21;
Thence	S 19°39'E	342.60 m	to corner 22;
Thence	S 71°38'E	404.50 m	to corner 23;
Thence	N 86°22'W	345.30 m	to corner 24;
Thence	S 21°43'E	161.30 m	to corner 25;
Thence	N 87°08'E	374.70 m	to corner 26;
Thence	S 64°49'E	465.30 m	to corner 27;
Thence	S 77°56'E	571.60 m	to corner 28;
Thence	S 16°17'W	349.90 m	to corner 29;
Thence	S 88°57'W	767.20 m	to corner 30;
Thence	N 84°17'W	614.00 m	to corner 31;
Thence	N 72°53'W	548.40 m	to corner 32;
Thence	N 82°44'W	614.10 m	to corner 33;
Thence	S 84°57'W	901.80 m	to corner 34;
Thence	N 59°02'W	987.90 m	to corner 35;
Thence	N 41°54'W	470.00 m	to corner 36;
Thence	N 68°15'W	684.40 m	to corner 37;
Thence	S 37°44'W	197.20 m	to corner 38;
Thence	N 75°28'W	201.90 m	to corner 39;
Thence	S 77°28'W	307.50 m	to corner 40;
Thence	N 68°15'W	395.50 m	to corner 41;
Thence	S 05°44'W	250.80 m	to corner 42;
Thence	N 85°51'W	719.40 m	to corner 43;
Thence	N 20°18'E	540.90 m	to corner 44;
Thence	N 37°26'W	373.20 m	to corner 45;
Thence	S 77°28'W	230.60 m	to corner 46;
Thence	S 42°02'W	186.70 m	to corner 47;
Thence	S 16°46'W	379.80 m	to corner 48;
Thence	N 84°48'W	278.20 m	to corner 49;
Thence	N 12°32'W	119.40 m	to corner 50;
Thence	N 82°44'W	115.10 m	to corner 51;
Thence	S 36°05'W	217.20 m	to corner 52;
Thence	N 85°19'W	330.90 m	to corner 53;
Thence	N 15°26'W	159.00 m	to corner 54;

Thence	S 52°45'W	146.20 m	to corner 55;
Thence	N 70°19'W	308.20 m	to corner 56;
Thence	N 44°24'W	625.70 m	to corner 57;
Thence	N 82°44'W	249.50 m	to corner 58;
Thence	S 35°16'W	316.10 m	to corner 59;
Thence	S 87°54'W	786.40 m	to corner 60;
Thence	N 46°54'W	585.60 m	to corner 61;
Thence	N 65°51'W	627.20 m	to corner 62;
Thence	N 49°55'W	282.50 m	to corner 63;
Thence	S 70°11'W	250.60 m	to corner 64;
Thence	N 63°38'W	985.40 m	to corner 65;
Thence	N 15°38'E	329.90 m	to corner 66;
Thence	S 74°33'E	706.00 m	to corner 67;
Thence	S 80°31'E	416.00 m	to corner 68;
Thence	S 60°54'E	278.60 m	to corner 69;
Thence	S 76°58'E	140.30 m	to corner 70;
Thence	S 48°03'E	235.50 m	to corner 71;
Thence	S 71°38'E	684.50 m	to corner 72;
Thence	S 59°55'E	453.70 m	to corner 73;
Thence	N 65°57'E	733.60 m	to corner 74;
Thence	N 51°14'E	306.90 m	to corner 75;
Thence	S 02°04'E	140.50 m	to corner 76;
Thence	S 53°01'E	287.50 m	to corner 77;
Thence	S 49°03'E	727.30 m	to corner 78;
Thence	N 86°10'E	343.50 m	to corner 79;
Thence	N 35°10'E	161.70 m	to corner 80;
Thence	S 70°40'E	165.90 m	to corner 81;
Thence	S 39°02'E	173.00 m	to corner 82;
Thence	N 56°10'E	595.40 m	to corner 83;
Thence	Due East	179.40 m	to corner 84;
Thence	N 69°49'E	403.80 m	to corner 85;
Thence	Due East	109.60 m	to corner 86;
Thence	S 45°03'E	653.90 m	to corner 87;
Thence	S 02°04'E	260.90 m	to corner 88;
Thence	N 74°10'E	498.00 m	to corner 89;
Thence	N 40°25'W	205.80 m	to corner 90;
Thence	N 60°06'E	360.30 m	to corner 91;
Thence	N 33°58'W	216.60 m	to corner 92;
Thence	N 68°46'W	520.40 m	to corner 93;
Thence	N 76°31'W	297.90 m	to corner 94;
Thence	N 40°14'E	263.70 m	to corner 95;
Thence	S 84°13'E	468.30 m	to corner 96;
Thence	N 35°30'E	707.60 m	to corner 97;
Thence	N 12°31'E	569.10 m	to corner 98;
Thence	N 45°35'E	499.10 m	to corner 99;

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Thence N 25°58'E
                        281.30 m
                                         to corner 100:
Thence N 65°57'E
                        547.60 m
                                         to corner 101:
Thence N 06°47'E
                        628.20 m
                                         to corner 102:
Thence N 69°11'E
                        341.60 m
                                         to corner 103:
Thence S 11°00'W
                        540.90 m
                                         to corner 104:
Thence S 20°41'E
                        584.60 m
                                         to corner 105:
Thence S 10°31'W
                        731.40 m
                                         to corner 106:
Thence S 26°56'W
                        467.10 m
                                         to corner 107:
Thence S 21°12'E
                        242.00 m
                                         to corner 108:
Thence S 83°15'E
                        187.30 m
                                         to corner 109:
Thence S 03°49'W
                        240.80 m
                                         to corner 110:
Thence S 77°28'W
                        759.20 m
                                         to corner 111:
Thence N 31°01'W
                        216.90 m
                                         to corner 112:
Thence N 85°51'W
                        182.20 m
                                         to corner 113:
Thence S 23°03'W
                        229.10 m
                                         to corner 114:
Thence S 26°50'E
                        283.00 m
                                         to corner 115:
Thence S 18°13'W
                        219.70 m
                                         to corner 1.
```

Containing an approximate area of One Thousand One Hundred Sixty-Four and 16/100 (1,164.16) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 23rd day of April, in the year of Our Lord, two thousand.

DECLARING THE BUENAVISTA WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY OF MULANAY, PROVINCE OF QUEZON, AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS BUENAVISTA PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Buenavista Watershed Forest Reserve consisting of a parcel of land situated in the Municipality of Mulanay, Province of Quezon as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. RO4A-21.

### PARCEL I

For Parcel I, beginning at a corner marked 1 on the map with geographical coordinate of 13°32'01.95" North latitude and 122°26'06.04" East longitude:

```
Thence N 37°30'W
                         491.9 m. to corner 2:
Thence N 46°00'E
                          109.2 m. to corner 3:
Thence N 31°00'W
                         182.0 m. to corner 4:
Thence N 09°00'E
                         252.0 m. to corner 5:
Thence N 01°00'E
                         132.0 m. to corner 6:
Thence N 38°00'W
                         73.8 m. to corner 7:
Thence N 76°00'E
                         552.0 m. to corner 8:
Thence S 63°00'E
                         352.0 m. to corner 9:
Thence S 65°00'E
                         257.0 m. to corner 10:
Thence S 28°00'E
                         712.0 m. to corner 11:
Thence S 77°00'E
                         232.0 m. to corner 12:
Thence S 09°00'W
                         92.0 m. to corner 13:
Thence S 16°00'W
                         197.0 m. to corner 14:
Thence S 51°30'W
                         522.0 m. to corner 15:
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Thence N 03°30'E 142.0 m. to corner 16;
Thence N 46°00'W 297.0 m. to corner 17;
Thence N 80°00'W 307.0 m. to corner 18;
Thence S 83°01'W 342.1 m. to corner 1;
```

## PARCEL II

For Parcel II, beginning at a corner marked 1 on the map with geographical coordinate of 13°31'23.56" North latitude and 122°25'50.25" East longitude:

```
Thence N 02°00'W
                          197.4 m. to corner 2:
Thence S 78°00'W
                          215.4 m. to corner 3:
Thence N 76°00'W
                          310.4 m. to corner 4:
Thence N 56°00'W
                          185.4 m. to corner 5:
Thence N 61°00'E
                          125.4 m. to corner 6:
Thence N 47°00'E
                          225.4 m. to corner 7:
Thence N 44°00'E
                          221.4 m. to corner 8:
Thence N 53°00'E
                          257.4 m. to corner 9:
Thence N 49°30'E
                          145.4 m. to corner 10:
Thence S 78°00'E
                          275.4 m. to corner 11:
Thence S 53°00'E
                          288.8 m. to corner 12:
Thence S 61°00'E
                          275.4 m. to corner 13:
Thence S 41°00'E
                          291.4 m. to corner 14:
Thence S 41°30'E
                          255.4 m. to corner 15:
Thence S 55°00'W
                          137.4 m. to corner 16:
Thence S 65°00'W
                          235.4 m. to corner 17:
Thence S 79°00'W
                          225.4 m. to corner 18:
Thence S 84°30'W
                          193.8 m. to corner 19:
Thence N 88°30'W
                          327.9 m. to corner 20:
Thence N 66°10'W
                          130.4 m. to corner 1:
```

## PARCEL III

And for Parcel No. III, beginning at corner 1 on the map with a geographical coordinates of 13°31'32.02" North latitude and 122°26'48.36" East longitude:

```
Thence N 21°14'W
                          216.9 m. to corner 2:
Thence N 40°20'W
                          207.7 m. to corner 3:
Thence N 26°46'W
                          128.3 m. to corner 4:
Thence S 88°59'E
                          386.5 m. to corner 5:
                          241.2 m. to corner 6;
Thence S 73°39'E
Thence S 53°11'E
                          292.3 m. to corner 7:
Thence S 01°29'E
                          218.4 m. to corner 8:
Thence S 73°12'W
                         434.0 m. to corner 9;
                         208.4 m. to corner 1;
Thence N 55°19'W
```

The total aggregate area of Parcels I, II and III is Two Hundred Eighty-Four and 27/100 (284.27) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 23rd day of April, in the year of Our Lord, two thousand.

DECLARING MAULAWIN SPRING WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY GUINAYANGAN, PROVINCE OF QUEZON AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS MAULAWIN SPRING PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Maulawin Spring Watershed Forest Reserve consisting of a parcel of land situated in the Municipality of Guinayangan, Province of Quezon as Protected Area under the category of Protected Landscape, subject to private rights if any, and without prejudice to the right of indigenous people as prescribed under R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, as described in DENR NIPAS Map RO4A-18:

Beginning at a point marked "1" on the Map which is N 70°00'W about 1,500.00 meters from the Poblacion, Municipality of Guinayangan, Quezon:

```
Thence S 18°54'E
                         291.1 m. to corner 2:
Thence S 57°55'W
                         260.6 m. to corner 3:
Thence S 66°46'W
                         190.4 m. to corner 4:
Thence S 77°58'W
                         410.7 m. to corner 5:
Thence S 50°55'W
                         320.8 m. to corner 6:
Thence S 49°45'W
                         320.9 m. to corner 7:
Thence N 66°08'W
                         390.2 m. to corner 8:
Thence N 29°39'W
                         234.3 m. to corner 9:
Thence N 38°40'W
                         399.1 m. to corner 10:
Thence N 43°10'W
                         159.7 m. to corner 11:
Thence N 62°04'E
                         149.7 m. to corner 12:
Thence N 26°04'E
                         234.1 m. to corner 13:
Thence N 70°03'E
                         219.6 m. to corner 14:
Thence N 89°00'E
                         269.6 m. to corner 15:
Thence S 54°51'E
                         200.1 m. to corner 16:
```

```
Thence S 80°27'E
                         199.7 m. to corner 17:
Thence N 19°33'E
                         139.4 m. to corner 18:
Thence N 65°04'E
                         199.6 m. to corner 19:
Thence N 85°01'E
                         149.8 m. to corner 20:
Thence S 89°00'E
                         119.8 m. to corner 21:
Thence S 40°50'E
                         160.3 m. to corner 22:
Thence S 46°50'E
                         200.3 m. to corner 23:
Thence N 86°01'E
                         209.7 m. to corner 1:
```

Containing an area of ONE HUNDRED FORTY NINE AND 01/100 (149.01) HECTARES, subject to actual ground survey.

It shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 23rd day of April, in the year of Our Lord, two thousand.

DECLARING THE SANTA LUCIA SPRING WATERSHED FOREST RESERVE SITUATED IN BARANGAY BALIDBED, MUNICIPALITY OF SALCEDO, PROVINCE OF ILOCOS SUR, ISLAND OF LUZON AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS SANTA LUCIA PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Santa Lucia Spring Watershed Forest Reserve consisting of a parcel of land situated in Brgy. Balidbed, Municipality of Salcedo, Province of Ilocos Sur, Island of Luzon as Protected Area under the category of Protected Landscape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R1-08:

The Santa Lucia Watershed Forest Reserve begins at T.L. corner 1 on the Map being N 76°32′E, 3470 m. from BLLM No. 1, Municipality of Salcedo (formerly Baugen), Ilocos Sur.

```
Thence S. 40°1'59"W.
                         239.014 m.
                                          to point 2;
Thence S. 33°12'56"E
                         219.616 m.
                                          to point 3;
Thence S. 37°01'15"W.
                         368.472 m.
                                          to point 4;
Thence S. 10°54'52"W.
                         169.342 m.
                                          to point 5;
Thence S. 20°11'15"E.
                         193.505 m.
                                          to point 6;
Thence S. 25°58'30"W.
                         225.068 m.
                                          to point 7;
Thence S. 57°6'3"W.
                         442.332 m.
                                          to point 8;
Thence S. 73°9'23"W.
                         189.406 m.
                                          to point 9;
Thence S. 45°3'13"W.
                         191.224 m.
                                          to point 10;
Thence N. 44°46'7"W.
                         194.183 m.
                                          to point 11;
Thence N. 66°45'54"W.
                         355.773 m.
                                          to point 12;
Thence N. 47°45'58"W.
                         326.236 m.
                                          to point 13;
Thence N. 31°59'59"E.
                         231.161 m.
                                          to point 14;
Thence N. 7°5'59"E.
                         271.015 m.
                                          to point 15;
Thence N. 56°53'59"E.
                         301.128 m.
                                          to point 16;
```

```
Thence S. 41°13'38"E.
                         259.686 m.
                                          to point 17;
Thence S. 81°13'06"E.
                         160.260 m.
                                          to point 18;
Thence S. 06°51'03"W.
                         110.355 m.
                                          to point 19;
Thence N. 01°07'18"E.
                         230.818 m.
                                          to point 20;
Thence N. 11°50'07"W. 240.717 m.
                                          to point 21;
Thence N. 46°56'19"E.
                         240.961 m.
                                          to point 22;
Thence N. 81°49'06"E.
                         160.427 m.
                                          to point 23;
Thence N. 25°47'56"W. 130.287 m.
                                          to point 24;
Thence S. 82°13'00"E.
                         170.288 m.
                                          to point 25;
Thence N. 76°49'06"E.
                         210.616 m.
                                          to point 26;
Thence N. 88°48'3"E.
                         250.566 m.
                                          to point 27;
Thence S. 06°53'57"W.
                         189.286 m.
                                          to point 28;
Thence S. 76°13'32"E.
                         130.167 m.
                                          to point 1
```

to the point of beginning, containing an area of One Hundred Seventy-Four and 1604/100 (174.1604) Hectares, subject to actual ground survey.

These areas shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 24th day of April, in the year of Our Lord, two thousand.

# DECLARING THE LAGONOY WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITY OF LAGONOY, PROVINCE OF CAMARINES SUR AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS LAGONOY NATURAL BIOTIC AREA

Upon the recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, I, JOSEPH EJERCITO ESTRADA, President of the Philippines, do hereby set aside and declare Lagonoy Watershed Forest Reserve consisting of a parcel of land situated in Barangay Agosais, Municipality of Lagonoy Province of Camarines Sur, Island of Luzon as Protected Area under the category of Natural Biotic Area, subject to private rights and without prejudice to the rights of the Indigenous Peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR Map No. 9:

Beginning at point marked "1" on the map being identical to N 30°00 W, 3,700 m. from MBM No. 4 of Lagonoy Camarines Sur.

Thence	S 80°36'W	404.20 m	to corner 2;
Thence	N 90°00'W	323.40 m	to corner 3;
Thence	N 54°00'W	287.40 m	to corner 4;
Thence	N 86°39'W	110.90 m	to corner 5;
Thence	N 83°18'W	185.00 m	to corner 6;
Thence	S 40°44'W	132.60 m	to corner 7;
Thence	N 68°56'W	84.30 m	to corner 8;
Thence	N 04°28'W	309.90 m	to corner 9;
Thence	N 79°57'W	139.00 m	to corner 10;
Thence	N 29°11'W	241.00 m	to corner 11;
Thence	N 10°24'E	248.40 m	to corner 12;
Thence	N 59°15'W	236.40 m	to corner 13;
Thence	N 58°11'W	152.10 m	to corner 14;
Thence	N 34°55'W	357.70 m	to corner 15;
Thence	N 52°57'W	230.30 m	to corner 16;

```
Thence DUE NORTH
                         248.10 m
                                          to corner 17:
Thence N 86°39'W
                         147.90 m
                                          to corner 18:
Thence N 21°47'E
                         228.70 m
                                          to corner 19:
Thence N 03°07'E
                                          to corner 20:
                         186.10 m
Thence N 10°24'E
                                          to corner 21:
                         248.40 m
Thence N 01°47'W
                         289.50 m
                                          to corner 22:
Thence N 53°06'E
                         254.50 m
                                          to corner 23:
Thence N 47°09'E
                                          to corner 24:
                         264.00 m
Thence S 70°04'E
                         148.60 m
                                          to corner 25:
Thence S 87°18'E
                         129.10 m
                                          to corner 26:
Thence N 29°59'E
                         250.60 m
                                          to corner 27:
Thence S 68°13'E
                         317.60 m
                                          to corner 28:
Thence S 28°31'E
                         276.70 m
                                          to corner 29:
Thence S 04°47'W
                         231.80 m
                                          to corner 30:
Thence S 08°54'E
                         174.30 m
                                          to corner 31:
Thence S 26°23'E
                         137.90 m
                                          to corner 32:
Thence S 61°39'E
                         356.30 m
                                          to corner 33:
Thence S 53°59'E
                         169.40 m
                                          to corner 34:
Thence S 24°14'E
                         392.90 m
                                          to corner 35:
Thence S 14°22'W
                         366.10 m
                                          to corner 36:
                                          to corner 37:
Thence S 34°50'E
                         239.60 m
Thence S 52°02'E
                         309.10 m
                                          to corner 38:
Thence S 03°20'E
                         193.30 m
                                          to corner 39:
Thence S 43°04'E
                         182.30 m
                                          to corner 40:
Thence S 19°12'W
                         307.60 m
                                          to corner 41;
Thence S 29°35'E
                         336.50 m
                                          to corner 1,
```

point of beginning, containing an area of FOUR HUNDRED FORTY-FOUR AND 60/100 (444.60) HECTARES, subject to actual ground survey.

This area shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 24th day of April, in the year of Our Lord, two thousand.

# DISESTABLISHING THE NINOY AQUINO PARKS AND WILDLIFE NATURE CENTER SITUATED IN QUEZON CITY, METRO MANILA AS PROTECTED AREA AND SHALL BE KNOWN AS DENR WILDLIFE RESCUE AND REHABILITATION CENTER

Upon the recommendation of the Secretary of Environment and Natural Resources and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby disestablish the Ninoy Aquino Parks and Wildlife Nature Center and hereby proclaim the area covered thereby as the **DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES WILDLIFE RESCUE AND REHABILITATION CENTER.** 

## **Technical Descriptions**

The DENR Wildlife Rescue and Rehabilitation Center begins at point marked "1" on the map with bearing S 31° 00'E, 3.21 m from

5.21 111	. 110III		
Thence	N. 60°00'E.	56.06 meters	to corner 2;
Thence	N. 57°00'E.	34.00 meters	to corner 3;
Thence	N. 52°00'E.	3.95 meters	to corner 4;
Thence	N. 43°00'E.	3.67 meters	to corner 5;
Thence	N. 39°00'E.	7.33 meters	to corner 6;
Thence	N. 36°00'E.	7.40 meters	to corner 7;
Thence	N. 31°00'E.	7.40 meters	to corner 8;
Thence	N. 23°00'E.	11.20 meters	to corner 9;
Thence	N. 15°00'E.	4.10 meters	to corner 10;
Thence	N. 8°00'E.	7.33 meters	to corner 11;
Thence	N. 6°00'E.	7.23 meters	to corner 12;
Thence	N. 00°00'W.	3.95 meters	to corner 13;
Thence	N. 6°00'W.	3.85 meters	to corner 14;
Thence	N. 13°00'W.	11.15 meters	to corner 15;
Thence	N. 19°00'W.	36.30 meters	to corner 16;
Thence	N. 17°00'W.	21.60 meters	to corner 17;
Thence	N. 10°00'W.	51.20 meters	to corner 18;
Thence	N. 34°00'W.	18.40 meters	to corner 19;

```
Thence N. 39°00'W.
                         22.00 meters
                                          to corner 20:
Thence N. 45°00'W.
                         10.95 meters
                                          to corner 21:
Thence N. 53°00'W.
                         10.85 meters
                                          to corner 22:
Thence N. 59°00'W.
                         10.92 meters
                                          to corner 23:
Thence N. 63°00'W.
                         7.74 meters
                                          to corner 24:
Thence N. 75°00'W.
                         59.60 meters
                                          to corner 25:
Thence N. 75°00'W.
                         149.00 meters
                                          to corner 26:
Thence N. 75°00'W.
                         205.00 meters
                                          to corner 27:
Thence N. 75°00'W.
                         53.95 meters
                                          to corner 28:
Thence N. 75°00'W.
                         145.00 meters
                                          to corner 29:
Thence N. 75°00'W.
                         142.00 meters
                                          to corner 30:
Thence S. 03°00'E.
                         105.20 meters
                                          to corner 31:
Thence S. 71°00'E.
                         105.00 meters
                                          to corner 32:
Thence S. 05°00'E.
                         82.31 meters
                                          to corner 33:
Thence N. 84°00'E.
                         128.06 meters
                                          to corner 34:
Thence S. 17°00'E.
                         247.50 meters
                                          to corner 35:
Thence S. 78°00'W.
                         254.00 meters
                                          to corner 36:
Thence S. 19°00'E.
                         118.50 meters
                                          to corner 37:
Thence S. 22°00'E.
                         100.00 meters
                                          to corner 38:
Thence S. 23°00'E.
                         95.15 meters
                                          to corner 39:
                         93.55 meters
Thence N. 60°00'E.
                                          to corner 40:
Thence N. 60°00'E.
                         112.25 meters
                                          to corner 41:
Thence N. 26°00'W.
                         10.30 meters
                                          to corner 42:
Thence N. 60°00'E.
                         123.50 meters
                                          to corner 43:
Thence N. 60°00'E.
                         266.85 meters
                                          to corner 44;
Thence N. 60°00'E.
                         18.50 meters
                                          to point of
beginning,
              containing
                                         of TWENTY
                                                             FOUR
                                                                       (24)
                           an
                                  area
HECTARES, more or less subject to actual ground survey.
```

The above-mentioned areas shall be under the administrative jurisdiction of the Department of Environment and Natural Resources.

**IN WITNESS WHEREOF, I** have hereto set my hand and caused the seal of Republic of the Philippines to be affixed.

Done in the City of Manila, this 25th day of May, in the year of Our Lord, two thousand.

DECLARING THE PINDASAN ISLAND MANGROVE
WILDERNESS AREA, KOPIAT ISLAND AND
SURROUNDING PORTIONS OF DAVAO GULF SITUATED
IN THE MUNICIPALITY OF MABINI, PROVINCE OF
DAVAO DEL NORTE AS A PROTECTED AREA
PURSUANT TO RA 7586 (NIPAS ACT OF 1992), AND
SHALL BE KNOWN AS MABINI PROTECTED
LANDSCAPE AND SEASCAPE

Upon the recommendation of the Secretary of the Department of Environment and Natural Resources (DENR) and pursuant to the powers vested upon me by law, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, do hereby set aside and declare the Pindasan Island Mangrove Wilderness Areas, Kopiat Island and surrounding portions of Davao Gulf situated in the Municipality of Mabini, Province of Davao del Norte as Protected Area under the category of Protected Landscape and Seascape, subject to private rights, and without prejudice to the rights of indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R-11-07;

## Technical Description

Beginning at a point marked "1" on the map being at the mouth (south bank) of Pindasan River:

```
Thence, S 09° 59' E
                         697.4 m to point 2;
Thence, S 40° 14' W
                         899.8 m to point 3;
Thence, S 05° 02' W
                         846.9 m to point 4;
Thence, S 05° 02' W
                         1644.0 m to point 5;
Thence, S 08° 04' W
                         747.4 m to point 6;
Thence, S 13° 59' E
                         1295.1 m to point 7;
Thence, DUE W
                         602.7 m to point 8;
Thence, DUE W
                         502.3 m to point 9:
Thence, DUE W
                         552.5 m to point 10;
```

```
Thence, DUE W
                          552.5 m to point 11;
Thence, DUE W
                          552.5 m to point 12;
Thence, DUE W
                          502.3 m to point 13;
Thence, DUE W
                          502.3 m to point 14;
Thence, DUE W
                          502.3 m to point 15;
Thence, DUE W
                          502.3 m to point 16;
Thence, DUE W
                          502.3 m to point 17;
Thence, DUE W
                          502.3 m to point 18;
Thence, DUE W
                          502.3 m to point 19;
Thence, DUE W
                          401.8 m to point 20;
Thence, DUE W
                          421.9 m to point 21;
Thence, N 13° 53' E
                          481.5 m to point 22;
Thence, N 13° 53' E
                          501.6 m to point 23;
Thence, N 13° 53' E
                          501.6 m to point 23;
Thence, N 13° 53' E
                          501.6 m to point 24;
Thence, N 13° 53' E
                          501.6 m to point 25:
Thence, N 13° 53' E
                          501.6 m to point 26;
Thence, N 13° 53' E
                          501.6 m to point 27;
Thence, N 13° 53' E
                          501.6 m to point 28:
Thence, N 13° 53' E
                          501.6 m to point 29;
Thence, N 13° 53' E
                          501.6 m to point 30;
Thence, N 13° 53' E
                          501.6 m to point 31:
Thence, N 13° 53' E
                          501.6 m to point 32;
Thence, N 13° 53' E
                          501.6 m to point 33;
Thence, N 13° 53' E
                          501.6 m to point 34:
Thence, N 13° 53' E
                          501.6 m to point 35;
Thence, N 13° 53' E
                          501.6 m to point 36;
Thence, N 13° 53' E
                          501.6 m to point 37;
Thence, N 13° 53' E
                          501.6 m to point 38;
Thence, N 13° 53' E
                          451.4 m to point 39;
Thence, N 67° 50' E
                          548.1 m to point 40;
Thence, N 67° 50' E
                          498.3 m to point 41;
Thence, N 67° 50' E
                          498.3 m to point 42;
Thence, N 67° 50' E
                          498.3 m to point 43;
Thence, N 67° 50' E
                          498.3 m to point 44;
Thence, N 67° 50' E
                          498.3 m to point 45;
Thence, N 67° 50' E
                          498.3 m to point 46;
Thence, N 67° 50' E
                          498.3 m to point 47;
Thence, N 67° 50' E
                          498.3 m to point 48;
Thence, N 67° 50' E
                          498.3 m to point 49;
Thence, N 67° 50' E
                          498.3 m to point 50;
Thence, N 67° 50' E
                          498.3 m to point 51;
Thence, N 67° 50' E
                          498.3 m to point 52;
Thence, N 67° 50' E
                          498.3 m to point 53;
Thence, S 18° 08' W
                          1445.8 m to point 54;
```

Thence, S 12° 06' W
Thence, S 32° 13' W
Thence, S 02° 00' E

657.8 m to point 55;
1098.5 m to point 56;
2550.6 m to point 1,

to the point of beginning containing an area of SIX THOUSAND, ONE HUNDRED AND SIX (6,106) HECTARES, more or less, subject to actual ground survey.

The subject area shall remain under the management jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance with the provisions of NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

DECLARING THE NARO MANGROVE WILDERNESS AREA SITUATED IN THE MUNICIPALITY OF CAWAYAN, PROVINCE OF MASBATE, ISLAND OF LUZON AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS OF 1992) AND SHALL BE KNOWN AS NARO ISLAND WILDLIFE SANCTUARY

Upon the recommendation of the Secretary of the Department of Environment and Natural Resources and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, do hereby set aside and declare Naro Mangrove Wilderness Area consisting of a parcel of land situated in the Municipality of Cawayan, Province of Masbate, Island of Luzon as Protected Area under the category of Wildlife Sanctuary, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map R5-14.

Beginning at a point marked "1" on the map with latitude 11°52'37.66 and longitude 123°04'2.5 in geographical coordinates.

```
Thence N. 53°26'W.
                         74.7 m. to corner 2:
Thence N. 10°02'W.
                         80.0 m. to corner 3;
Thence N. 38°02'W.
                         139.6 m. to corner 4:
Thence N. 65°24'W.
                         50.9 m. to corner 5:
Thence N. 36°25'W.
                         351.4 m. to corner 6:
Thence N. 23°35'E.
                         85.8 m. to corner 7:
Thence N. 09°53'W.
                         148.8 m. to corner 8:
Thence N. 64°08'W.
                         36.8 m. to corner 9;
Thence S. 41°20'W.
                         43.3 m. to corner 10:
Thence N. 29°23'W.
                         39.9 m. to corner 11:
Thence N. 28°37'E.
                         70.3 m. to corner 12:
Thence S. 78°55'W.
                         76.0 m. to corner 13:
Thence N. 24°08'W.
                         49.4 m. to corner 14:
Thence N. 29°06'E.
                         100.5 m. to corner 15:
Thence N. 17°53'W.
                         207.8 m. to corner 16:
```

TP1	N. 000201E	75.4
Thence	N. 00°30'E.	75.4 m. to corner 17;
Thence	N. 26°07'W. N. 05°33'W.	240.5 m. to corner 18;
Thence		181.9 m. to corner 19;
Thence	N. 42°30'W.	99.8 m. to corner 20;
Thence	N. 06°33'W.	110.9 m. to corner 21;
Thence	S. 49°42'E.	98.2 m. to corner 22;
Thence	N. 48°10'E.	46.9 m. to corner 23;
Thence	N. 29°57'W.	135.3 m. to corner 24;
Thence	N. 15°16'W.	179.3 m. to corner 25;
Thence	N. 01°34'W.	197.5 m. to corner 26;
Thence	N. 25°49'E.	121.9 m. to corner 27;
Thence	N. 17°43'W.	136.3 m. to corner 28;
Thence	N. 37°47'E.	285.5 m. to corner 29;
Thence	N. 64°36'E.	116.9 m. to corner 30;
Thence	N. 26°51'E.	210.0 m. to corner 31;
Thence	N. 39°14'E.	168.6 m. to corner 32;
Thence	N. 64°24'E.	138.2 m. to corner 33;
Thence	S. 11°35'E.	50.7 m. to corner 34;
Thence	S. 48°02'W.	150.0 m. to corner 35;
Thence	S. 46°07'E.	86.0 m. to corner 36;
Thence	N. 43°39'E.	210.8 m. to corner 37;
Thence	N. 81°02'E.	186.6 m. to corner 38;
Thence	S. 51°04'W.	81.4 m. to corner 39;
Thence	S. 30°44'W.	79.4 m. to corner 40;
Thence	S. 08°28'E.	76.7 m. to corner 41;
Thence	S. 28°48'W.	107.4 m. to corner 42;
Thence	N. 68°54'W.	71.7 m. to corner 43;
Thence	S. 83°02'W.	159.0 m. to corner 44;
Thence	S. 55°59'W.	240.7 m. to corner 45;
Thence	S. 20°01'W.	90.0 m. to corner 46;
Thence	S. 17°06'E.	135.3 m. to corner 47;
Thence	S. 12°52'W.	85.2 m. to corner 48;
Thence	S. 33°39'E.	236.5 m. to corner 49;
Thence	S. 50°57'E.	109.7 m. to corner 50;
Thence	S. 18°57'W.	100.5 m. to corner 51;
Thence	S. 16°03'E.	159.1 m. to corner 52;
Thence	S. 11°54'E.	162.6 m. to corner 53;
Thence	S. 38°07'E.	65.7 m. to corner 54;
Thence	N. 28°21'E.	171.5 m. to corner 55;
Thence	S. 02°56'E.	355.3 m. to corner 56;
Thence	S. 03°28'W.	341.0 m. to corner 57;
Thence	S. 02°58'W.	476.2 m. to corner 58;
Thence	S. 22°27'E.	82.8 m. to corner 59;
Thence	S. 04°58'W.	175.8 m. to corner 60;
Thence	S. 34°14'E.	170.7 m. to corner 61;

Thence S. 09°03'E. 287.0 m. to corner 1; point of beginning Containing an area of One Hundred Nine and 98/100 (109.98) Hectares subject to actual ground survey.

It shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance to the provisions of the NIPAS Act.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

DECLARING THE ABASIG-MATOGDON-MANANAP
WATERSHED FOREST RESERVE SITUATED IN THE
MUNICIPALITIES OF SAN VICENTE, SAN LORENZO
RUIZ AND LABO PROVINCE OF CAMARINES NORTE
ISLAND OF LUZON AS A PROTECTED AREA PURSUANT
TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND
SHALL BE KNOWN AS ABASIG-MATOGDON-MANANAP
NATURAL BIOTIC AREA

Upon the recommendation of the Secretary of the Department of Environment and Natural Resources and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, do hereby set aside and declare Abasig-Matogdon-Mananap Watershed Forest Reserve situated in the Municipalities of Labo, San Lorenzo Ruiz (Imelda) and San Vicente, Province of Camarines Norte, Island of Luzon as Protected Area under the category of Natural Biotic Area, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order No. 93-02 and other related rules and regulations, if any, as described in DENR NIPAS Map No. R5-12. cdrep

Beginning at point marked "1" on the plan being identical to  $14^{\circ}$  05' 00" latitude and  $122^{\circ}$  47' 17.19" longitude.

Thence	S 71° 58' E	2916.8 m to corner 2
Thence	S 3° 38' W	101.9 m to corner 3
Thence	S 29° 37' E	99.1 m to corner 4
Thence	S 51° 02' E	76.0 m to corner 5
Thence	S 21° 26' W	54.9 m to corner 6
Thence	S 13° 38' E	260.4 m to corner 7
Thence	S 70° 06' E	124.3 m to corner 8
Thence	S 11° 19' W	157.0 m to corner 9
Thence	S 34° 32' W	57.0 m to corner 10
Thence	S 17° 51' E	47.0 m to corner 11
Thence	S 61° 31' E	49.2 m to corner 12
Thence	S 59° 09' E	42.4 m to corner 13
Thence	S 21° 60' E	92.7 m to corner 14

Thence	S 52° 43′ E	173.4 m to corner 15
Thence	S 34° 23' E	55.3 m to corner 16
Thence	S 46° 21' E	27.1 m to corner 17
Thence	S 2° 35' W	38.7 m to corner 18
Thence	S 22° 13' W	164.9 m to corner 19
Thence	S 37° 50' W	46.2 m to corner 20
Thence	S 22° 48' W	84.1 m to corner 21
Thence	S 2° 35' W	45.5 m to corner 22
Thence	S 79° 08' E	18.6 m to corner 23
Thence	S 68° 37' E	18.6 m to corner 24
Thence	S 15° 38' E	27.1 m to corner 25
Thence	S 15° 15' E	17.0 m to corner 26
Thence	S 5° 38' W	57.9 m to corner 27
Thence	S 8° 06' W	180.9 m to corner 28
Thence	S 77° 13' W	39.8 m to corner 29
Thence	S 25° 04' W	178.3 m to corner 30
Thence	S 57° 17' E	179.4 m to corner 31
Thence	S 10° 18' W	96.5 m to corner 32
	S 11° 28' W	
Thence	S 33° 37' W	20.3 m to corner 33
Thence		150.2 m to corner 34
Thence	S 31° 17' E	374.0 m to corner 35
Thence	S 30° 22' W	107.2 m to corner 36
Thence	S 10° 23' E	45.6 m to corner 37
Thence	S 15° 59' W	721.2 m to corner 38
Thence	S 89° 02' W	254.6 m to corner 39
Thence	S 88° 52' W	248.9 m to corner 40
Thence	N 46° 51' W	392.0 m to corner 41
Thence	S 49° 07' W	641.5 m to corner 42
Thence	S 46°37' W	221.9 m to corner 43
Thence	S 7° 18' W	258.6 m to corner 44
Thence	S 63° 14' E	79.9 m to corner 45
Thence	N 62° 19' E	258.5 m to corner 46
Thence	S 82° 23' E	235.8 m to corner 47
Thence	N 69° 15' E	244.8 m to corner 48
Thence	S 88° 55' E	261.6 m to corner 49
Thence	S 71° 58' E	243.4 m to corner 50
Thence	N 80° 59' E	240.5 m to corner 51
Thence	N 84° 12' E	237.1 m to corner 52
Thence	S 50° 37' E	203.2 m to corner 53
Thence	S 26° 03' W	214.7 m to corner 54
Thence	S 15° 55' W	230.8 m to corner 55
Thence	S 11° 44' E	262.4 m to corner 56
Thence	S 3° 38' E	78.2 m to corner 57
Thence	S 55° 25' W	78.5 m to corner 58
Thence	S 12° 55' E	200.5 m to corner 59

Thence	S 33° 20' E	178.4 m to corner 60
Thence	S 19° 25' W	277.9 m to corner 61
Thence	S 47° 18' W	276.4 m to corner 62
Thence	S 78° 10' W	269.2 m to corner 63
Thence	N 82° 51' W	237.4 m to corner 64
Thence	S 60° 29' W	183.4 m to corner 65
Thence	S 11° 57' W	298.0 m to corner 66
Thence	S 40° 57' W	196.8 m to corner 67
Thence	S 31° 55' W	106.0 m to corner 68
Thence	N 77° 30' E	58.1 m to corner 69
Thence	S 16° 46' E	83.4 m to corner 70
Thence	S 78° 08' E	74.2 m to corner 71
Thence	S 88° 32' E	147.2 m to corner 72
Thence	S 86° 01' E	119.9 m to corner 73
Thence	N 49° 33' E	100.5 m to corner 74
Thence	N 65° 20' E	60.9 m to corner 75
Thence	N 78° 24' E	109.6 m to corner 76
Thence	N 54° 23' E	48.7 m to corner 77
Thence	S 70° 13' E	87.3 m to corner 78
Thence	S 60° 47' E	18.4 m to corner 79
Thence	N 21° 03'E	82.7 m to corner 80
Thence	N 27° 45' E	259.8 m to corner 81
Thence	N 34° 52' E	154.7 m to corner 82
Thence	N 76° 51' E	99.0 m to corner 83
Thence	N 24° 35' E	146.3 m to corner 84
Thence	S 80° 07' E	95.4 m to corner 85
Thence	N 84° 53' E	45.3 m to corner 86
Thence	N 31° 52' E	200.5 m to corner 87
Thence	S 45° 18' E	96.6 m to corner 88
Thence	N 0° 57' W	113.6 m to corner 89
Thence	N 49° 57' E	109.7 m to corner 90
Thence	N 43° 01' E	153.6 m to corner 91
Thence	N 31° 10' W	53.0 m to corner 92
Thence	N 80° 46' E	56.7 m to corner 93
Thence	N 22° 02' E	142.7 m to corner 94
Thence	S 83° 32' E	139.7 m to corner 95
Thence	S 10° 12' W	123.8 m to corner 96
Thence	S 36° 40' W	216.7 m to corner 97
Thence		121.8 m to corner 98
Thence	S 79° 47' E	136.1 m to corner 99
Thence	S 11° 47' E	585.4 m to corner 100
Thence	S 47° 34' W	2121.5 m to corner 101
Thence	N 68° 12' W	3932.7 m to corner 102
Thence	N 30° 37' W	557.8 m to corner 103
Thence	N 77° 00' W	533.1 m to corner 104

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Thence N 58° 15' W
                         609.4 m to corner 105
Thence N 53° 40' W
                         2651.7 m to corner 106
Thence Due North
                         3749.6 m to corner 107
Thence N 83° 12' E
                         449.4 m to corner 108
Thence N 5° 37' E
                         136.6 m to corner 109
Thence N 11° 13' E
                         440.3 m to corner 110
Thence N 28° 01' W
                         1214.4 m to corner 111
Thence N 81° 11' E
                         295.7 m to corner 112
Thence S 33° 57' W
                         238.4 m to corner 113
Thence N 64° 27' E
                         193.1 m to corner 114
Thence S 51° 04' E
                         263.2 m to corner 115
Thence N 51° 04' E
                         263.1 m to corner 116
Thence N 86° 05' E
                         428.4 m to corner 117
Thence S 26° 28' E
                         281.1 m to corner 118
Thence N 70° 22' E
                         1496.2 m to corner 119
Thence N 47° 34' E
                         374.0 m to corner 120
Thence S 74° 48' E
                         224.1 m to corner 121
Thence N 45° 34' E
                         252.5 m to corner 122.
Thence N 6° .07' E
                         330.0 m to corner 123
Thence S 81° 10' E
                         224.3 m to corner 124
Thence N 68° 24' E
                         244.2 m to corner 125
Thence S 29° 23' E
                         1421.0 m to corner 1
```

the point of beginning, containing an area of Five Thousand Four Hundred Twenty (5,420.12) Hectares, more or less, subject to actual ground survey.

It shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance to the provisions of the NIPAS Act.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

DECLARING THE BONGSANGLAY MANGROVE FOREST RESERVE SITUATED IN THE MUNICIPALITY OF BATUAN, PROVINCE OF MASBATE, ISLAND OF LUZON AS PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS BONGSANGLAY NATURAL PARK

Upon recommendation of the Secretary of the Department of Environment and Natural Resources and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, do hereby set aside and declare Bongsanglay Mangrove Forest Reserve situated in the Municipality of Batuan, Province of Masbate, Island of Luzon as Protected Area under the category of Natural Park subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. 8371, DENR Administrative Order 93-02 and other related rules and regulations, if any, as described in DENR, NIPAS Map No. R5-13.

Beginning at point marked "1" on the map being identical to latitude 12°21'25" and longitude 123°48'00".

```
Thence N. 71°30'W.
                          640.0 m. to corner 2:
Thence N. 26°00'W.
                          385.0 m. to corner 3:
Thence N. 39°45'W.
                          385.0 m. to corner 4:
Thence N. 27°11'W.
                          180.0 m. to corner 5:
Thence Due West
                          176.0 m. to corner 6:
Thence N. 02°32'E.
                          160.0 m. to corner 7:
Thence N. 53°00'W.
                          285.0 m. to corner 8:
Thence N. 15°30'W.
                          95.0 m. to corner 9:
Thence N. 13°55'E.
                          125.0 m. to corner 10:
Thence N. 06°30'W.
                          120.0 m. to corner 11:
Thence N. 14°00'E.
                          205.0 m. to corner 12:
Thence N. 25°00'W.
                          345.0 m. to corner 13:
Thence N. 40°00'E.
                          310.0 m. to corner 14:
Thence N. 57°55'W.
                          190.0 m. to corner 15:
Thence N. 17°30'W.
                          180.0 m. to corner 16:
Thence N. 23°00'E.
                          90.0 m. to corner 17;
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Thence N. 44°00'E.
                         250.0 m. to corner 18:
Thence N. 68°00' E.
                         115.0 m. to corner 19:
Thence S. 76°11'E.
                         175.0 m. to corner 20:
Thence S. 32°30'E.
                         75.0 m. to corner 21:
Thence S. 83°00'E.
                         125.0 m. to corner 22:
Thence Due East
                         970.0 m. to corner 23:
Thence S. 03°00'E.
                         1570.0 m. to corner 24:
Thence S. 03°05'W.
                         1319.0 m. to corner 1;
```

to the point of beginning containing an area of Two Hundred Forty-Four and 721/100 (244.721) Hectares, more or less, subject to actual ground survey.

It shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance to the provisions of the NIPAS Act.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

# DECLARING THE MAINIT HOTSPRINGS NATIONAL PARK SITUATED IN THE MUNICIPALITY OF NABUNTURAN, PROVINCE OF DAVAO DEL NORTE AS A PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO RA 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS MAINIT HOTSPRINGS PROTECTED LANDSCAPE

Upon the recommendation of the Secretary of the Department of Environment and Natural Resources (DENR) and pursuant to the powers vested upon me by law, I, JOSEPH EJERCITO ESTRADA, President of the Republic of the Philippines, do hereby set aside and declare the Mainit Hotsprings National Park situated in the Municipality of Nabunturan, Province of Davao del Norte, as Protected Area under the category of Protected Landscape, and its peripheral areas as Buffer Zone, subject to private rights, if any there be, as described in DENR NIPAS Map No. R011-01:

# Technical Description

The Mainit Hotsprings Protected Landscape is bounded on all directions by its buffer zone.

Beginning at a point marked "1" on the map with bearing of S 20°46'E, 5,327.65 meters at a junction of Matugdungan Creek and Manat River from BLLM No. 10, PLS-2, Compostela Public Land Subdivision;

Thence	S 75° 00' W	257.14 meters	to corner 2;
Thence	S 75° 02' W	240.52 meters	to corner 3;
Thence	S 75° 09' W	254.68 meters	to corner 4;
Thence	S 74° 56' W	240.20 meters	to corner 5;
Thence	S 74° 58' W	255.16 meters	to corner 6;
Thence	S 75° 22' W	239.57 meters	to corner 7;
Thence	S 75° 00' W	251.59 meters	to corner 8;
Thence	S 75° 05' W	168.89 meters	to corner 9:

Thence	S 75° 01' W	299.42 meters	to corner 10;
Thence	S 75° 14' W	320.73 meters	to corner 11;
Thence	S 75° 00' W	240.01 meters	to corner 12;
Thence	S 76° 59' W	367.71 meters	to corner 13;
Thence	N 30° 53' W	456.49 meters	to corner 14;
Thence	N 31° 12' W	343.28 meters	to corner 15;
Thence	N 26° 25' W	413.79 meters	to corner 16;
Thence	N 08° 30' W	179.44 meters	to corner 17;
Thence	N 25° 37' E	110.30 meters	to corner 18;
Thence	N 10° 30' E	231.13 meters	to corner 19;
Thence	N 64° 36' W	142.75 meters	to corner 20;
Thence	N 21° 05' E	209.42 meters	to corner 21;
Thence	N 12° 12' E	124.89 meters	to corner 22;
Thence	N 25° 42' W	145.37 meters	to corner 23;
Thence	N 75° 06' W	81.77 meters	to corner 24;
Thence	N 48° 33' E	127.85 meters	to corner 25;
Thence	N 35° 20' W	72.18 meters	to corner 26;
Thence	N 12° 44' E	263.34 meters	to corner 27;
Thence	N 46° 58' E	168.87 meters	to corner 28;
Thence	N 64° 17' E	264.70 meters	to corner 29;
Thence	N 63° 28' E	195.28 meters	to corner 30;
Thence	N 26° 58' E	157.67 meters	to corner 31;
Thence	N 05° 28' E	92.12 meters	to corner 32;
Thence	N 40° 31' W	40.17 meters	to corner 33;
Thence	N 84° 22' W	193.81 meters	to corner 34;
Thence	S 43° 56' W	99.47 meters	to corner 35;
Thence	N 52° 41' W	177.94 meters	to corner 36;
Thence	S 45° 49' W	54.28 meters	to corner 37;
Thence	N 52° 55' W	114.32 meters	to corner 38;
Thence	N 14° 19' W	391.29 meters	to corner 39;
Thence	S 73° 31' W	63.82 meters	to corner 40;
Thence	S 25° 37' W	150.55 meters	to corner 41;
Thence	N 67° 09' W	67.64 meters	to corner 42;
Thence	N 05° 14' W	291.96 meters	to corner 43;
Thence	N 64° 14' W	90.07 meters	to corner 44;
Thence	S 15° 57' W	176.23 meters	to corner 45;
Thence	N 38° 01' W	75.81 meters	to corner 46;
Thence	S 58° 37' W	123.52 meters	to corner 47;
Thence	N 08° 08' E	80.02 meters	to corner 48;
Thence	N 19° 13' W	262.63 meters	to corner 49;
Thence	N 83° 19' W	72.04 meters	to corner 50;
Thence	N 12° 21' W	129.75 meters	to corner 51;
Thence	S 62° 08' W	198.78 meters	to corner 52;
Thence	N 65° 07' W	167.38 meters	to corner 53;
Thence	N 12° 49' E	153.20 meters	to corner 54;

Thence	N 52° 20' W	139.95 meters	to corner 55;
Thence	N 76° 08' W	153.87 meters	to corner 56;
Thence	N 76° 16' W	132.69 meters	to corner 57;
Thence	N 11° 00' E	127.01 meters	to corner 58;
Thence	N 79° 37' W	126.80 meters	to corner 59;
Thence	N 46° 02' E	131.08 meters	to corner 60;
Thence	N 07° 08' W	132.08 meters	to corner 61;
Thence	N 57° 47' E	109.86 meters	to corner 62;
Thence	N 12° 02' E	106.92 meters	to corner 63;
Thence	N 64° 07' E	171.47 meters	to corner 64;
Thence	N 18° 12' E	134.27 meters	to corner 65;
Thence	N 72° 03' E	120.33 meters	to corner 66;
Thence	N 82° 28' E	297.54 meters	to corner 67;
Thence	N 77° 00' E	191.90 meters	to corner 68;
Thence	S 32° 11' E	528.37 meters	to corner 69;
Thence	S 05° 40' E	170.00 meters	to corner 70;
Thence	S 64° 44' E	480.00 meters	to corner 71;
Thence	S 83° 52' E	440.12 meters	to corner 72;
Thence	S 67° 32' E	550.00 meters	to corner 73;
Thence	N 16° 17' E	365.00 meters	to corner 74;
Thence	S 85° 36' E	130.00 meters	to corner 75;
Thence	S 33° 34' E	280.00 meters	to corner 76;
Thence	S 85° 46′ E	310.00 meters	to corner 77;
Thence	N 11° 22' W	240.00 meters	to corner 78;
Thence	N 08° 43' E	140.00 meters	to corner 79;
Thence	N 45° 28' E	280.00 meters	to corner 80;
Thence	N 61° 44' E	220.00 meters	to corner 81;
Thence	S 36° 53' E	90.00 meters	to corner 82;
Thence	N 74° 24' E	32.89 meters	to corner 83;
Thence	S 55° 10' E	58.15 meters	to corner 84;
Thence	S 32° 44' W	80.58 meters	to corner 85;
Thence	S 08° 20' W	186.59 meters	to corner 86;
Thence	S 50° 17' W	77.71 meters	to corner 87;
Thence	S 01° 29' W	104.43 meters	to corner 88;
Thence	S 12° 55' E	118.69 meters	to corner 89;
Thence	S 73° 49' E	113.67 meters	to corner 90;
Thence	S 33° 33' E	148.11 meters	to corner 91;
Thence	S 33° 49' E	185.88 meters	to corner 92;
Thence	S 36° 08' E	342.46 meters	to corner 93;
Thence	S 39° 23' E	276.59 meters	to corner 94;
Thence	S 28° 47' E	156.49 meters	to corner 95;
Thence	S 68° 23' E	262.12 meters	to corner 96;
Thence	S 07° 20' E	143.64 meters	to corner 97;
Thence	S 08° 20' E	254.89 meters	to corner 98;
Thence	S 08° 08' E	255.40 meters	to corner 99;
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Thence S 08° 01' E
                          253.78 meters
                                           to corner 100:
Thence S 07° 30' E
                          254.60 meters
                                           to corner 101:
Thence S 08° 22' E
                          240.83 meters
                                           to corner 102:
Thence S 07° 34' E
                          253.73 meters
                                           to corner 103:
Thence S 07° 50' E
                          288.33 meters
                                           to corner 104:
Thence S 07° 25' E
                          267.65 meters
                                           to corner 105:
Thence S 08° 00' E
                          162.05 meters
                                           to point of the
```

beginning, containing an area of One Thousand Three Hundred Seventy-Four (1,374) Hectares, more or less.

The Buffer Zone of Mainit Hotsprings Protected Landscape is bounded on the East, South and West directions from corner 179 to corner 165 by Project No. 17-F, Timberland, L.C. Map 1959 certified on January 19, 1956; On the North from corner 165 to corner 179 by Project No. 17-F, Blk. III, Alienable or Disposable per L.C. Map No. 1959 certified on January 19, 1959.

Beginning at a point marked "1" on the map and on the ground being identical to corner 1 of the Protected Landscape;

```
Thence S 75° 00' W
                          257.14 meters
                                           to corner 2:
Thence S 75° 02' W
                          240.52 meters
                                           to corner 3:
Thence S 75° 09' W
                          254.68 meters
                                           to corner 4:
Thence S 74° 56' W
                          240.20 meters
                                           to corner 5:
Thence S 74° 58' W
                          255.16 meters
                                           to corner 6:
Thence S 75° 22' W
                          239.57 meters
                                           to corner 7;
Thence S 75° 00' W
                          251.59 meters
                                           to corner 8:
Thence S 75° 05' W
                          168.89 meters
                                           to corner 9:
Thence S 75° 01' W
                          299.42 meters
                                           to corner 10:
Thence S 75° 14' W
                          320.73 meters
                                           to corner 11:
Thence S 75° 00' W
                          240.01 meters
                                           to corner 12:
Thence S 76° 59' W
                          367.71 meters
                                           to corner 13:
Thence N 30° 53' W
                          456.49 meters
                                           to corner 14:
Thence N 31° 12' W
                          343.28 meters
                                           to corner 15:
Thence N 26° 25' W
                          413.79 meters
                                           to corner 16:
Thence N 08° 30' W
                          179.44 meters
                                           to corner 17:
Thence N 25° 37' E
                          110.30 meters
                                           to corner 18:
Thence N 10° 30' E
                          231.13 meters
                                           to corner 19:
Thence N 64° 36' W
                          142.75 meters
                                           to corner 20:
Thence N 21° 05' E
                          209.42 meters
                                           to corner 21:
Thence N 12° 12' E
                          124.89 meters
                                           to corner 22:
Thence N 25° 42' W
                          145.37 meters
                                           to corner 23:
Thence N 75° 06' W
                          81.77 meters
                                           to corner 24:
Thence N 48° 33' E
                          127.85 meters
                                           to corner 25:
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Thence	N 35° 20' W	72.18 meters	to corner 26;
Thence	N 12° 44' E	263.34 meters	to corner 27;
Thence	N 46° 58' E	168.87 meters	to corner 28;
Thence	N 64° 17' E	264.70 meters	to corner 29;
Thence	N 63° 28' E	195.28 meters	to corner 30;
Thence	N 26° 58' E	157.67 meters	to corner 31;
Thence	N 05° 28' E	92.12 meters	to corner 32;
Thence	N 40° 31' W	40.17 meters	to corner 33;
Thence	N 84° 22' W	193.81 meters	to corner 34;
Thence	S 43° 56' W	99.47 meters	to corner 35;
Thence	N 52° 41' W	177.94 meters	to corner 36;
Thence	S 45° 49' W	54.28 meters	to corner 37;
Thence	N 52° 55' W	114.32 meters	to corner 38;
Thence	N 14° 19' W	391.29 meters	to corner 39;
Thence	S 73° 31' W	63.82 meters	to corner 40;
Thence	S 25° 37' W	150.55 meters	to corner 41;
Thence	N 67° 09' W	67.64 meters	to corner 42;
Thence	N 05° 14' W	291.96 meters	to corner 43;
Thence	N 64° 14' W	90.07 meters	to corner 44;
Thence	S 15° 57' W	176.23 meters	to corner 45;
Thence	N 38° 01' W	75.81 meters	to corner 46;
Thence	S 58° 37' W	123.52 meters	to corner 47;
Thence	N 08° 08' E	80.02 meters	to corner 48;
Thence	N 19° 13' W	262.63 meters	to corner 49;
Thence	N 83° 19' W	72.04 meters	to corner 50;
Thence	N 12° 21' W	129.75 meters	to corner 51;
Thence	S 62° 08' W	198.78 meters	to corner 52;
Thence	N 65° 07' W	167.38 meters	to corner 53;
Thence	N 12° 49' E	153.20 meters	to corner 54;
Thence	N 52° 20' W	139.95 meters	to corner 55;
Thence	N 76° 08' W	153.87 meters	to corner 56;
Thence	N 76° 16' W	132.69 meters	to corner 57;
Thence	N 11° 00' E	127.01 meters	to corner 58;
Thence	N 79° 37' W	126.80 meters	to corner 59;
Thence	N 46° 02' E	131.08 meters	to corner 60;
Thence	N 07° 08' W	132.08 meters	to corner 61;
Thence	N 57° 47' E	109.86 meters	to corner 62;
Thence	N 12° 02' E	106.92 meters	to corner 63;
Thence	N 64° 07' E	171.47 meters	to corner 64;
Thence	N 18° 12' E	134.27 meters	to corner 65;
Thence	N 72° 03' E	120.33 meters	to corner 66;
Thence	N 82° 28' E	297.54 meters	to corner 67;
Thence	N 77° 00' E	191.90 meters	to corner 68;
Thence	S 32° 11' E	528.37 meters	to corner 69;
Thence	S 05° 40' E	170.00 meters	to corner 70;
1 1101100	~ 00 10 L	1,0.00 1110015	

Thence	S 64° 44' E	480.00 meters	to corner 71;
Thence	S 83° 52' E	440.12 meters	to corner 72;
Thence	S 67° 32' E	550.00 meters	to corner 73;
Thence	N 16° 17' E	365.00 meters	to corner 74;
Thence	S 85° 36' E	130.00 meters	to corner 75;
Thence	S 33° 34' E	280.00 meters	to corner 76;
Thence	S 85° 46' E	310.00 meters	to corner 77;
Thence	N 11° 22' W	240.00 meters	to corner 78;
Thence	N 08° 43' E	140.00 meters	to corner 79;
Thence	N 45° 28' E	280.00 meters	to corner 80;
Thence	N 61° 44′ E	220.00 meters	to corner 81;
Thence	S 36° 53' E	90.00 meters	to corner 82;
Thence	N 74° 24' E	32.89 meters	to corner 83;
Thence	S 55° 10' E	58.15 meters	to corner 84;
Thence	S 32° 44' W	80.58 meters	to corner 85;
Thence	S 08° 20' W	186.59 meters	to corner 86;
Thence	S 50° 17' W	77.71 meters	to corner 87;
Thence	S 01° 29' W	104.43 meters	to corner 88;
Thence	S 12° 55' E	118.69 meters	to corner 89;
Thence	S 73° 49' E	113.67 meters	to corner 90;
Thence	S 33° 33' E	148.11 meters	to corner 91;
Thence	S 33° 49' E	185.88 meters	to corner 92;
Thence	S 36° 88' E	342.46 meters	to corner 93;
Thence	S 39° 23' E	276.59 meters	to corner 94;
Thence	S 28° 47' E	156.49 meters	to corner 95;
Thence	S 68° 23' E	262.12 meters	to corner 96;
Thence	S 07° 20' E	143.64 meters	to corner 97;
Thence	S 08° 20' E	254.89 meters	to corner 98;
Thence	S 08° 08' E	255.40 meters	to corner 99;
Thence	S 08° 01' E	253.78 meters	to corner 100;
Thence	S 07° 30' E	254.60 meters	to corner 101;
Thence	S 08° 22' E	240.83 meters	to corner 102;
Thence	S 07° 34' E	253.73 meters	to corner 103;
Thence	S 07° 50' E	288.33 meters	to corner 104;
Thence	S 07° 25' E	267.65 meters	to corner 105;
Thence	S 08° 00' E	162.05 meters	to corner 106;
Thence	S 57° 00' E	270.00 meters	to corner 107;
Thence	S 75° 00' W	250.00 meters	to corner 108;
Thence	S 75° 00' W	250.00 meters	to corner 109;
Thence	S 75° 00' W	250.00 meters	to corner 110;
Thence	S 75° 00' W	250.00 meters	to corner 111;
Thence	S 75° 00' W	250.00 meters	to corner 112;
Thence	S 75° 00' W	250.00 meters	to corner 113;
Thence	S 75° 00' W	250.00 meters	to corner 114;
Thence	S 75° 00' W	250.00 meters	to corner 115;

Thence	S 75° 00' W	250.00 meters	to corner 116;
Thence	S 75° 00' W	250.00 meters	to corner 117;
Thence	S 75° 00' W	250.00 meters	to corner 118;
Thence	S 75° 00' W	250.00 meters	to corner 119;
Thence	S 75° 00' W	250.00 meters	to corner 120;
Thence	S 75° 00' W	200.00 meters	to corner 121;
Thence	N 31° 00' W	310.00 meters	to corner 122;
Thence	N 31° 00' W	250.00 meters	to corner 123;
Thence	N 31° 00' W	250.00 meters	to corner 124;
Thence	N 31° 00' W	250.00 meters	to corner 125;
Thence	N 31° 00' W	250.00 meters	to corner 126;
Thence	N 08° 00' W	200.00 meters	to corner 127;
Thence	N 08° 00' W	150.00 meters	to corner 128;
Thence	N 25° 37' W	140.00 meters	to corner 129;
Thence	N 10° 30' E	125.00 meters	to corner 130;
Thence	N 64° 36' W	100.00 meters	to corner 131;
Thence	N 10° 00' E	150.00 meters	to corner 132;
Thence	N 10° 00' E	170.00 meters	to corner 133;
Thence	N 48° 33' E	35.00 meters	to corner 134;
Thence	N 78° 00' W	90.00 meters	to corner 135;
Thence	N 48° 00' W	95.00 meters	to corner 136;
Thence	N 12° 44' E	200.00 meters	to corner 137;
Thence	N 12° 44' E	200.00 meters	to corner 138;
Thence	N 12° 44' E	270.00 meters	to corner 139;
Thence	N 40° 00' E	270.00 meters	to corner 140;
Thence	N 52° 55' W	275.00 meters	to corner 141;
Thence	N 14° 19' W	150.00 meters	to corner 142;
Thence	S 60° 00' W	150.00 meters	to corner 143;
Thence	N 20° 00' W	210.00 meters	to corner 144;
Thence	N 04° 30' W	90.00 meters	to corner 145;
Thence	N 64° 14' W	235.00 meters	to corner 146;
Thence	N 37° 00' W	255.00 meters	to corner 147;
Thence	N 65° 07' W	190.00 meters	to corner 148;
Thence	S 86° 30' W	85.00 meters	to corner 149;
Thence	N 38° 30' W	170.00 meters	to corner 150;
Thence	N 06° 00' W	100.00 meters	to corner 151;
Thence	N 69° 00' W	275.00 meters	to corner 152;
Thence	N 18° 00' W	160.00 meters	to corner 153;
Thence	N 76° 00' W	150.00 meters	to corner 154;
Thence	N 09° 00' W	180.00 meters	to corner 155;
Thence	N 34° 00' E	130.00 meters	to corner 156;
Thence	N 04° 00' E	170.00 meters	to corner 157;
Thence	N 38° 00' E	50.00 meters	to corner 158;
Thence	N 24° 00' E	210.00 meters	to corner 159;
Thence	N 61° 00' E	105.00 meters	to corner 160;

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Thence N 46° 00' E
                          100.00 meters
                                            to corner 161:
Thence N 31° 00' E
                          150.00 meters
                                            to corner 162:
Thence N 75° 00' E
                          200.00 meters
                                            to corner 163:
Thence N 75° 00' E
                          200.00 meters
                                            to corner 164:
Thence N 75° 00' E
                          280.00 meters
                                            to corner 165:
Thence S 32° 11' E
                          280.00 meters
                                            to corner 166:
Thence S 32° 11' E
                          527.37 meters
                                            to corner 167:
Thence S 05° 40' E
                          100.71 meters
                                            to corner 168:
Thence S 64° 44' E
                          478.85 meters
                                            to corner 169:
Thence S 83° 52' E
                          440.12 meters
                                            to corner 170:
Thence S 67° 32' E
                          435.66 meters
                                            to corner 171:
Thence N 16° 17' E
                          332.48 meters
                                            to corner 172:
Thence S 85° 36' E
                          252.25 meters
                                            to corner 173;
Thence S 33° 34' E
                          228.68 meters
                                            to corner 174:
Thence S 85° 46' E
                          177.34 meters
                                            to corner 175:
Thence N 11° 22' W
                          145.38 meters
                                            to corner 176:
Thence N 08° 43' E
                          127.95 meters
                                            to corner 177:
Thence N 45° 28' E
                          279.63 meters
                                            to corner 178;
Thence N 61° 44' E
                          216.81 meters
                                            to corner 179:
Thence N 61° 44' E
                          270.00 meters
                                            to corner 180:
                          200.00 meters
Thence S 42° 00' E
                                            to corner 181;
Thence S 42° 00' E
                          175.00 meters
                                            to corner 182:
Thence S 39° 00' W
                          250.00 meters
                                            to corner 183;
Thence S 02° 30' W
                          140.00 meters
                                            to corner 184;
Thence S 48° 00' W
                          100.00 meters
                                            to corner 185;
Thence S 36° 08' E
                          150.00 meters
                                            to corner 186:
Thence S 36° 08' E
                          150.00 meters
                                            to corner 187:
Thence S 36° 08' E
                          250.00 meters
                                            to corner 188:
Thence S 36° 08' E
                          200.00 meters
                                            to corner 189:
Thence S 39° 23' E
                          300.00 meters
                                            to corner 190:
Thence S 28° 47' E
                          185.00 meters
                                            to corner 191:
Thence S 68° 23' E
                          370.00 meters
                                            to corner 192:
Thence S 07° 00' E
                          170.00 meters
                                            to corner 193:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 194:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 195:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 196:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 197:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 198:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 199:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 200:
                          250.00 meters
Thence S 07° 00' E
                                            to corner 201:
Thence S 07° 00' E
                          250.00 meters
                                            to corner 202:
Thence N 57° 00' W
                          270.00 meters
                                            to the point of
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beginning, containing an area of Four Hundred One (401) Hectares, more or less. The technical descriptions of both the

Mainit Hotsprings Protected Landscape and its buffer zone shall be subject to actual ground survey.

The above-mentioned areas shall remain under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance with the provisions of R.A. 7586 and its Implementing Rules and Regulations.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

### PROCLAMATION NO. 321

DECLARING THE BASILAN NATIONAL PARK SITUATED IN THE MUNICIPALITIES OF LAMITAN, SUMISIP, TIPO-TIPO AND ISABELA, PROVINCE OF BASILAN AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS BASILAN NATURAL BIOTIC AREA

Upon the recommendation of the Secretary of the Department of Environment and Natural Resources (DENR) and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Republic of the Philippines, do hereby set aside and declare Basilan National Park situated in the Municipalities of Lamitan, Sumisip, Tipo-Tipo and Isabela, Province of Basilan as a Protected Area under the category of Natural Biotic Area and its peripheral areas as Buffer Zone, subject to private rights and without prejudice to the rights of the indigenous people as provided for in R.A. No. 8371, DENR Administrative Order No. 93-02, and other related rules and regulations, if any, as described in the DENR NIPAS Map No. RO9-05.

# **Technical Descriptions**

The Basilan Natural Biotic Area begins at a point marked "1" on the map which is S 30°50'E at 1,228.86 meters from UTM GRID 732000 N-397000 E:

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Thence S 62° 26' E.
                         147.80 meters
                                          to corner 2:
Thence S 62° 26' E.
                         128.10 meters
                                          to corner 3:
Thence S 62° 26' E.
                         236.40 meters
                                          to corner 4:
Thence S 62° 26' E,
                         522.10 meters
                                          to corner 5:
Thence S 62° 26' E,
                         403.90 meters
                                          to corner 6:
Thence S 61° 25' E,
                         305.50 meters
                                          to corner 7:
Thence S 03° 54' E.
                         160.70 meters
                                          to corner 8:
Thence S 01° 57' E.
                         210.90 meters
                                          to corner 9:
Thence S 06° 50' W,
                         80.30 meters
                                          to corner 10:
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Thence	S 63° 21' W,	257.20 meters	to corner 11;
Thence	S 63° 21' W,	254.20 meters	to corner 12;
Thence	N 61° 35' W,	395.60 meters	to corner 13;
Thence	N 07° 53' E,	368.30 meters	to corner 14;
Thence	N 86° 06' W,	316.20 meters	to corner 15;
Thence	N 86° 06' W,	306.00 meters	to corner 16;
Thence	S 18° 31' W,	331.90 meters	to corner 17;
Thence	S 18° 31' W,	432.50 meters	to corner 18;
Thence	S 18° 31' W,	251.50 meters	to corner 19;
Thence	S 18° 31' W,	281.70 meters	to corner 20;
Thence	S 16° 37' E,	300.70 meters	to corner 21;
Thence	S 09° 23' W,	170.80 meters	to corner 22;
Thence	S 06° 50' E,	230.90 meters	to corner 23;
Thence	S 20° 37' E,	138.30 meters	to corner 24;
Thence	S 27° 50' E,	269.70 meters	to corner 25;
Thence	S 27° 50' E,	189.80 meters	to corner 26;
Thence	S 27° 50' E,	309.70 meters	to corner 27;
Thence	S 27° 25' E,	259.80 meters	to corner 28;
Thence	S 28° 32' E,	280.40 meters	to corner 29;
Thence	S 23° 29' E,	235.10 meters	to corner 30;
Thence	S 21° 31' E,	205.20 meters	to corner 31;
Thence	S 08° 47' E,	261.00 meters	to corner 32;
Thence	S 07° 05' E,	230.60 meters	to corner 33;
Thence	S 18° 34' E,	290.50 meters	to corner 34;
Thence	S 18° 34' E,	320.60 meters	to corner 35;
Thence	S 18° 34' E,	390.70 meters	to corner 36;
Thence	S 30° 23' E,	194.60 meters	to corner 37;
Thence	S 30° 23' E,	249.50 meters	to corner 38;
Thence	S 30° 23 'E,	139.70 meters	to corner 39;
Thence	Due East,	58.80 meters	to corner 40;
Thence	S 15° 13' W,	241.30 meters	to corner 41;
Thence	S 28° 22' W,	181.40 meters	to corner 42;
Thence	S 12° 11' W,	341.10 meters	to corner 43;
Thence	S 29° 23' W,	141.10 meters	to corner 44;
Thence	S 36° 20' E,	358.40 meters	to corner 45;
Thence	S 03° 54' E,	231.00 meters	to corner 46;
Thence	N 29° 35' W,	150.20 meters	to corner 47;
Thence	N 65° 32' W,	213.30 meters	to corner 48;
Thence	N 76° 19' W,	244.50 meters	to corner 49;
Thence	N 74° 46' W,	203.60 meters	to corner 50;
Thence	N 85° 07' W,	254.90 meters	to corner 51;
Thence	S 34° 25' W,	232.10 meters	to corner 52;
Thence	S 50° 26' W,	172.30 meters	to corner 53;
Thence	N 39° 41' W,	221.20 meters	to corner 54;
Thence	S 48° 26' W,	141.80 meters	to corner 55;

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Thence N 34° 04' W,
                          160.41 meters
                                            to corner 56:
Thence N 36° 09' W,
                          180.56 meters
                                            to corner 57:
Thence S 79° 24' W,
                          141.18 meters
                                            to corner 58;
Thence S 86° 19' W.
                          171.95 meters
                                            to corner 59:
Thence S 41° 55' W,
                          150.70 meters
                                            to corner 60:
Thence N 09° 42' W,
                          161.99 meters
                                            to corner 61;
Thence N 53° 57' W.
                          161.57 meters
                                            to corner 62:
Thence N 26° 28' E,
                          160.18 meters
                                            to corner 63:
Thence N 21° 54' W,
                          160.17 meters
                                            to corner 64;
Thence N 72° 06' W.
                          233.03 meters
                                            to corner 65:
Thence S 67° 21' W,
                          446.09 meters
                                            to corner 66:
Thence N 33° 00' W,
                          200.55 meters
                                            to corner 67;
Thence N 04° 13' E.
                          170.14 meters
                                            to corner 68:
Thence N 08° 16' E.
                          130.44 meters
                                            to corner 69:
Thence N 15° 03' E,
                          239.88 meters
                                            to corner 70:
Thence N 72° 11' W.
                          334.73 meters
                                            to corner 71:
Thence N 45° 17' W.
                          221.31 meters
                                            to corner 72:
Thence N 06° 36' W,
                          169.98 meters
                                            to corner 73;
Thence N 47° 25' W.
                          140.85 meters
                                            to corner 74:
Thence N 75° 58' W.
                          192.35 meters
                                            to corner 75:
Thence N 23° 48' W,
                          170.11 meters
                                            to corner 76;
Thence N 18° 02' E.
                          200.03 meters
                                            to corner 77:
Thence N 78° 45' W,
                          182.20 meters
                                            to corner 78;
Thence N 80° 39' W,
                          151.66 meters
                                            to corner 79;
Thence N 50° 00' W.
                          171.18 meters
                                            to corner 80:
Thence N 06° 15' W,
                          100.29 meters
                                            to corner 81:
Thence N 28° 53' E,
                          170.01 meters
                                            to corner 82;
Thence N 08° 10' E.
                          259.83 meters
                                            to corner 83:
Thence N 81° 05' W,
                          437.06 meters
                                            to corner 84:
Thence S 72° 20' W,
                          242.81 meters
                                            to corner 85;
Thence N 77° 56' W.
                          335.01 meters
                                            to corner 86:
Thence N 88° 48' W,
                          232.22 meters
                                            to corner 87:
Thence N 81° 45' W,
                          212.84 meters
                                            to corner 88:
Thence N 71° 54' W.
                          141.44 meters
                                            to corner 89:
Thence N 52° 03' W.
                          191.42 meters
                                            to corner 90:
Thence N 25° 50' W,
                          130.15 meters
                                            to corner 91:
Thence N 06° 36' W.
                          150.07 meters
                                            to corner 92:
Thence N 19° 00' W,
                          209.95 meters
                                            to corner 93:
Thence N 67° 12' W,
                          253.15 meters
                                            to corner 94:
Thence N 65° 58' W,
                          202.27 meters
                                            to corner 95:
Thence S 17° 40' W.
                          137.56 meters
                                            to corner 96:
Thence S 55° 00' E,
                          129.14 meters
                                            to corner 97:
Thence S 03° 47' W.
                          270.26 meters
                                            to corner 98:
Thence S 19° 58' E.
                          219.97 meters
                                            to corner 99:
Thence N 79° 55' W,
                          192.47 meters
                                            to corner 100:
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Thence	S 56° 14' W,	186.17 meters	to corner 101;
Thence	N 66° 09' W,	207.37 meters	to corner 102;
Thence	S 77° 22' W,	171.75 meters	to corner 103;
Thence	S 33° 05' E,	129.63 meters	to corner 104;
Thence	S 00° 04' W,	189.76 meters	to corner 105;
Thence	S 85° 58' W,	198.87 meters	to corner 106;
Thence	S 87° 28' W,	202.63 meters	to corner 107;
Thence	N 88° 06' W,	165.15 meters	to corner 108;
Thence	N 31° 08' W,	154.82 meters	to corner 109;
Thence	N 03° 52' W,	273.24 meters	to corner 110;
Thence	N 44° 30' E,	293 54 meters	to corner 111;
Thence	N 06° 07' E,	553.12 meters	to corner 112;
Thence	N 17° 84' W,	443.31 meters	to corner 113;
Thence	N 11° 11' W,	303.24 meters	to corner 114;
Thence	N 16° 23' W,	343.41 meters	to corner 115;
Thence	N 12° 13' W,	263.43 meters	to corner 116;
Thence	N 20° 31' W,	393.74 meters	to corner 117;
Thence	N 14° 19' W,	353.22 meters	to corner 118;
Thence	N 14° 18' W,	213.72 meters	to corner 119;
Thence	N 12° 14' W,	422.93 meters	to corner 120;
Thence	N 19° 29' W,	433.53 meters	to corner 121;
Thence	N 39° 18' E,	352.91 meters	to corner 122;
Thence	N 35° 32' E,	263.81 meters	to corner 123;
Thence	N 33° 15' E,	144.81 meters	to corner 124;
Thence	N 33° 16' E,	353.04 meters	to corner 125;
Thence	N 32° 19' E,	333.17 meters	to corner 126;
Thence	N 43° 55' E,	115.62 meters	to corner 127;
Thence	N 70° 26' E,	117.38 meters	to corner 128;
Thence	N 62° 01' E,	224.86 meters	to corner 129;
Thence	N 63° 53' E,	254.51 meters	to corner 130;
Thence	N 48° 54' E,	214.60 meters	to corner 131;
Thence	N 46° 36' E,	273.81 meters	to corner 132;
Thence	N 37° 00' E,	174.30 meters	to corner 133;
Thence	N 30° 36' E,	234.04 meters	to corner 134;
Thence	N 47° 50' E,	224.51 meters	to corner 135;
Thence	N 57° 58' E,	224.84 meters	to corner 136;
Thence	N 46° 49′ E,	224.42 meters	to corner 137;
Thence	S 64° 14' E,	200.52 meters	to corner 138;
Thence	S 59° 53' E,	151.82 meters	to corner 139;
Thence	S 60° 18' E,	181.40 meters	to corner 140;
Thence	S 62° 40' E,	309.15 meters	to corner 141;
Thence	S 61° 31' E,	250.23 meters	to corner 142;
Thence	S 60° 54' E,	151.75 meters	to corner 143;
Thence	S 61° 24' E,	230.53 meters	to corner 144;
Thence	S 61° 08' E,	181.24 meters	to corner 145;

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Thence S 67° 42' E,
                          308.27 meters
                                            to corner 146:
Thence S 61° 41' E,
                          319.13 meters
                                            to corner 147:
Thence S 61° 24' E,
                          230.53 meters
                                            to corner 148:
Thence S 69° 40' E.
                          298.10 meters
                                            to corner 149:
Thence S 66° 00' E,
                          525.01 meters
                                            to corner 150:
Thence S 60° 53' E,
                          437.58 meters
                                            to corner 151;
Thence S 60° 38' E.
                                            to corner 152:
                          299.60 meters
Thence S 60° 41' E.
                          319.29 meters
                                            to corner 153:
Thence S 64° 27' E,
                          236.30 meters
                                            to corner 1,
```

to corner 1, the point of beginning, containing an area of Four Thousand Four Hundred Ninety-Seven (4,497) Hectares, more or less. LexLib

The Buffer Zone, Parcel 1 begins at a point marked "1" which is identical to Perimeter Corner No. 46 of Basilan Natural Biotic Area:

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Thence S 34° 13' W,
                          231.7 meters
                                            to corner 2:
Thence S 66° 39' W,
                          153.1 meters
                                            to corner 3:
Thence S 06° 04' W.
                          145.3 meters
                                            to corner 4:
Thence S 27° 46' W,
                          238.0 meters
                                            to corner 5:
Thence S 02° 57' W,
                          318.2 meters
                                            to corner 6:
Thence S 20° 38' W.
                          322.8 meters
                                            to corner 7:
Thence S 33° 35' W,
                          165.1 meters
                                            to corner 8:
Thence N 21° 28' W,
                          388.9 meters
                                            to corner 9;
Thence N 06° 32' W.
                          123.2 meters
                                            to corner 10:
Thence N 62° 01' E,
                          160.1 meters
                                            to corner 11:
Thence N 31° 24′ E,
                          223.1 meters
                                            to corner 12;
Thence N 69° 02' W.
                          239.7 meters
                                            to corner 13:
                          100.0 meters
Thence N 07° 47' E,
                                            to corner 14:
Thence N 00° 02' W,
                          108.3 meters
                                            to corner 15:
Thence S 85° 57' E,
                          136.6 meters
                                            to corner 16:
Thence N 30° 21' W,
                          125.6 meters
                                            to corner 17:
Thence S 67° 36' W,
                          235.4 meters
                                            to corner 18:
Thence N 74° 16' W,
                          236.0 meters
                                            to corner 19:
Thence N 45° 10' W,
                          170.3 meters
                                            to corner 20:
Thence N 50° 26' E,
                          172.3 meters
                                            to corner 21:
Thence N 34° 25' E,
                          232.1 meters
                                            to corner 22:
Thence S 85° 07' E,
                          254.9 meters
                                            to corner 23:
Thence S 74° 46' E,
                          203.6 meters
                                            to corner 24:
Thence S 76° 19' E,
                          244.5 meters
                                            to corner 25:
Thence S 65° 32' E.
                          213.3 meters
                                            to corner 26:
Thence S 29° 35' E,
                          150.2 meters
                                            to corner 1,
```

the point of beginning, containing and area of Seventy-Eight (78) Hectares, more or less. LibLex

The Buffer Zone, Parcel 2 begins at a point marked "1" which is identical to Perimeter Corner No. 105 of Basilan Natural Biotic Area:

```
Thence N 00° 40' E,
                           189.76 meters
                                            to corner 2:
Thence N 33° 05' W,
                           129.63 meters
                                            to corner 3:
Thence S 77° 22' E.
                          171.75 meters
                                            to corner 4:
Thence S 66° 09' E.
                          207.37 meters
                                            to corner 5:
Thence N 56° 14' E,
                          186.17 meters
                                            to corner 6;
Thence S 79° 55' E.
                          192.47 meters
                                            to corner 7:
Thence N 19° 58' W,
                          219.97 meters
                                            to corner 8:
Thence N 03° 47' E,
                          270.26 meters
                                            to corner 9;
Thence N 55° 00' W.
                          129.14 meters
                                            to corner 10:
Thence N 17° 40' E,
                          137.56 meters
                                            to corner 11:
Thence S 65° 58' E,
                          202.27 meters
                                            to corner 12;
Thence S 67° 12' E,
                          253.15 meters
                                            to corner 13:
Thence S 19° 00' E,
                          209.95 meters
                                            to corner 14:
Thence S 06° 36' E,
                          150.07 meters
                                            to corner 15:
Thence S 25° 50' E,
                          130.15 meters
                                            to corner 16:
Thence S 52° 03' E,
                          191.42 meters
                                            to corner 17:
Thence S 71° 54' E,
                          141.44 meters
                                            to corner 18;
Thence S 81° 45' E,
                          212.84 meters
                                            to corner 19:
Thence S 88° 48' E,
                          233.22 meters
                                            to corner 20:
Thence S 77° 56' E,
                          335.01 meters
                                            to corner 21:
Thence N 72° 20' E,
                          242.81 meters
                                            to corner 22:
Thence S 81° 05' E,
                          437.06 meters
                                            to corner 23:
Thence S 08° 10' W,
                          259.83 meters
                                            to corner 24:
Thence S 28° 53' W,
                          170.01 meters
                                            to corner 25:
Thence S 06° 15' E.
                           100.29 meters
                                            to corner 26:
Thence S 50° 00' E.
                           171.18 meters
                                            to corner 27:
Thence S 80° 39' E.
                          151.66 meters
                                            to corner 28:
Thence S 78° 45' E,
                          182.20 meters
                                            to corner 29:
Thence S 18° 02' W,
                          200.03 meters
                                            to corner 30:
Thence S 23° 48' E,
                          170.11 meters
                                            to corner 31:
Thence S 75° 58' E.
                          192.35 meters
                                            to corner 32:
Thence S 47° 25' E,
                           140.85 meters
                                            to corner 33;
Thence S 06° 36' E.
                          169.98 meters
                                            to corner 34:
Thence S 45° 17' E.
                          221.31 meters
                                            to corner 35:
Thence S 72° 11' E,
                          334.73 meters
                                            to corner 36:
Thence S 15° 03' W.
                          239.88 meters
                                            to corner 37:
Thence S 08° 16' W,
                          130.44 meters
                                            to corner 38;
Thence S 04° 13' W,
                           170.14 meters
                                            to corner 39;
Thence S 33° 00' E,
                          200.55 meters
                                            to corner 40;
Thence N 67° 21' E,
                          446.09 meters
                                            to corner 41;
Thence S 72° 06' E,
                          233.03 meters
                                            to corner 42;
Thence S 21° 54' E,
                          160.17 meters
                                            to corner 43;
```

Thence	S 26° 46′ W,	160.18 meters	to corner 44;
Thence	S 53° 57' E,	161.27 meters	to corner 45;
Thence	S 09° 42' E,	161.99 meters	to corner 46;
Thence	S 41° 55' E,	150.70 meters	to corner 47;
Thence	N 86° 19' E,	171.95 meters	to corner 48;
Thence	N 79° 24' E,	141.18 meters	to corner 49;
Thence	S 36° 09' E,	180.56 meters	to corner 50;
Thence	S 34° 04' E,	160.41 meters	to corner 51;
Thence	S 40° 32' W,	196.00 meters	to corner 52;
Thence	S 47° 22' W,	165.07 meters	to corner 53;
Thence	N 70° 48' W,	161.23 meters	to corner 54;
Thence	N 72° 10' W,	109.90 meters	to corner 55;
Thence	S 50° 03' W,	140.83 meters	to corner 56;
Thence	N 32° 30' W,	75.04 meters	to corner 57;
Thence	N 38° 00' W,	185.91 meters	to corner 58;
Thence	S 82° 07' W,	105.18 meters	to corner 59;
Thence	S 87° 46' W,	210.65 meters	to corner 60;
Thence	N 00° 04' E,	100.52 meters	to corner 61;
Thence	N 89° 46' W,	91.33 meters	to corner 62;
Thence	N 13° 45' W,	170.28 meters	to corner 63;
Thence	N 47° 49' W,	150.48 meters	to corner 64;
Thence	N 28° 53' E,	175.53 meters	to corner 65;
Thence	N 21° 14' E,	75.03 meters	to corner 66;
Thence	N 49° 36' W,	121.83 meters	to corner 67;
Thence	S 76° 49' W,	174.63 meters	to corner 68;
Thence	N 34° 59' W,	146.76 meters	to corner 69;
Thence	S 89° 39' W,	202.21 meters	to corner 70;
Thence	S 65° 54' W,	220.62 meters	to corner 71;
Thence	S 00° 45′ E,	181.78 meters	to corner 72;
Thence	N 89° 15' W,	121.81 meters	to corner 73;
Thence	N 05° 24' E,	175.28 meters	to corner 74;
Thence	N 05° 08' E,	145.58 meters	to corner 75;
Thence	N 38° 44' E,	100.30 meters	to corner 76;
Thence	N 36° 53' W,	97.20 meters	to corner 77;
Thence	N 52° 56' W,	191.74 meters	to corner 78;
Thence	N 52° 56' W,	100.00 meters	to corner 79;
Thence	N 45° 49' W,	241.76 meters	to corner 80;
Thence	N 04° 42' W,	174.84 meters	to corner 81;
Thence	N 51° 55' W,	120.29 meters	to corner 82;
Thence	N 75° 44' W,	186.61 meters	to corner 83;
Thence	N 18° 59' W,	169.86 meters	to corner 84;
Thence	N 30° 29' W,	127.44 meters	to corner 85;
Thence	N 62° 58' E,	103.05 meters	to corner 86;
Thence	N 33° 01' W,	152.10 meters	to corner 87;
Thence	N 77° 19' W,	149.06 meters	to corner 88;
	,		

```
Thence N 49° 43' W,
                         165.26 meters
                                          to corner 89;
Thence N 00° 03' W,
                                          to corner 90:
                         105.41 meters
Thence N 05° 06' E,
                                          to corner 91:
                         105.71 meters
Thence N 71° 55' E.
                         128.52 meters
                                          to corner 92:
Thence N 24° 49' E,
                                          to corner 93:
                         188.19 meters
Thence N 48° 17' W,
                         111.48 meters
                                          to corner 94;
Thence N 26° 04' E.
                         132.01 meters
                                          to corner 95:
Thence N 00° 21' W,
                         151.55 meters
                                          to corner 96:
Thence N 53° 28' W,
                         229.18 meters
                                          to corner 97;
Thence S 50° 00' W.
                         200.00 meters
                                          to corner 98:
Thence S 76° 00' W,
                         225.00 meters
                                          to corner 99:
Thence N 87° 00' W,
                                          to corner 100:
                         250.00 meters
Thence S 89° 00' W.
                         220.00 meters
                                          to corner 101:
Thence N 85° 00' W,
                         250.00 meters
                                          to corner 102:
Thence N 77° 00' W,
                         225.00 meters
                                          to corner 103:
Thence N 74° 00' W.
                         235.00 meters
                                          to corner 104:
Thence N 66° 00' W,
                         240.00 meters
                                          to corner 105:
Thence N 81° 00' W,
                         250.00 meters
                                          to corner 106;
Thence S 62° 00' W.
                         235.00 meters
                                          to corner 1,
the point of beginning, containing an area of Three Hundred
Seventy-Three (373) Hectares, more or less. prcd
The Buffer Zone, Parcel 3 begins at a point marked "1" which is
identical to Perimeter Corner No. 105 of Basilan Natural Biotic
Area:
Thence S 29° 00' W,
                         225.00 meters
                                          to corner 2:
Thence S 14° 00' E,
                         230.00 meters
                                          to corner 3;
Thence S 46° 00' E,
                         297.00 meters
                                          to corner 4;
Thence S 34° 00' W,
                         180.00 meters
                                          to corner 5:
Thence N 89° 00' W,
                         203.00 meters
                                          to corner 6;
Thence N 82° 00' W,
                         197.00 meters
                                          to corner 7;
Thence S 54° 00' W,
                         250.00 meters
                                          to corner 8;
Thence N 31° 22' W,
                         506.17 meters
                                          to corner 9;
Thence N 31° 21' W,
                         594.44 meters
                                          to corner 10;
Thence N 06° 03' W,
                         689.51 meters
                                          to corner 11:
Thence N 17° 59' E,
                         355.52 meters
                                          to corner 12:
Thence N 14° 45' W,
                         344.37 meters
                                          to corner 13:
Thence N 03° 42' W,
                         288.56 meters
                                          to corner 14:
Thence N 13° 52' W,
                         287.37 meters
                                          to corner 15:
Thence N 05° 10' W,
                         250.53 meters
                                          to corner 16:
Thence N 17° 29' W,
                         542.34 meters
                                          to corner 17;
Thence N 17° 30' W,
                         491.33 meters
                                          to corner 18:
Thence N 17° 29' W.
                         444.34 meters
                                          to corner 19:
Thence N 17° 26' W.
                         454.24 meters
                                          to corner 20:
Thence N 32° 30' E,
                         531.55 meters
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to corner 21;

Thence	N 32° 30' E,	536.56 meters	to corner 22;
Thence	N 32° 24' E,	439.08 meters	to corner 23;
Thence	N 32° 38' E,	426.56 meters	to corner 24;
Thence	N 51° 47' E,	498.24 meters	to corner 25;
Thence	N 51° 47' E,	503.22 meters	to corner 26;
Thence	N 51° 48′ E,	483.22 meters	to corner 27;
Thence	N 51° 47' E,	508.23 meters	to corner 28;
Thence	N 51° 47' E,	393.23 meters	to corner 29;
Thence	N 52° 10′ E,	308.25 meters	to corner 30;
Thence	S 62° 33' E,	502.17 meters	to corner 31;
Thence	S 62° 33' E,	480.17 meters	to corner 32;
Thence	S 62° 30' E,	433.17 meters	to corner 33;
Thence	S 62° 33' E,	504.17 meters	to corner 34;
Thence	S 62° 32' E,	468.17 meters	to corner 35;
Thence	S 62° 30' E,	448.17 meters	to corner 36;
Thence	S 66° 38' E,	469.89 meters	to corner 37;
Thence	S 66° 38' E,	468.88 meters	to corner 38;
Thence	S 66° 36' E,	443.89 meters	to corner 39;
Thence	S 09° 04' E,	705.49 meters	to corner 40;
Thence	N 60° 41' W,	319.29 meters	to corner 41;
Thence	N 60° 38' W,	299.60 meters	to corner 42;
Thence	N 60° 53' W,	437.58 meters	to corner 43;
Thence	N 66° 00' W,	525.01 meters	to corner 44;
Thence	N 69° 40′ W,	298.10 meters	to corner 45;
Thence	N 61° 24' W,	230.53 meters	to corner 46;
Thence	N 61° 41' W,	319.13 meters	to corner 47;
Thence	N 67° 42' W,	308.27 meters	to corner 48;
Thence	N 61° 08' W,	181.24 meters	to corner 49;
Thence	N 61° 24' W,	230.53 meters	to corner 50;
Thence	N 60° 54' W,	151.75 meters	to corner 51;
Thence	N 61° 31' W,	250.23 meters	to corner 52;
Thence	N 62° 40′ W,	309.15 meters	to corner 53;
Thence	N 60° 18' W,	181.40 meters	to corner 54;
Thence	N 59° 53' W,	151.82 meters	to corner 55;
Thence	N 64° 14' W,	200.52 meters	to corner 56;
Thence	S 46° 59' W,	224.42 meters	to corner 57;
Thence	S 57° 58' W,	224.84 meters	to corner 58;
Thence	S 47° 50' W,	224.51 meters	to corner 59;
Thence	S 30° 36' W,	234.04 meters	to corner 60;
Thence	S 37° 00' W,	174.30 meters	to corner 61;
Thence	S 46° 36' W,	273.81 meters	to corner 62;
Thence	S 48° 54' W,	214.60 meters	to corner 63;
Thence	S 63° 53' W,	254.51 meters	to corner 64;
Thence	S 62° 01' W,	224.86 meters	to corner 65;
Thence	S 70° 26' W,	117.38 meters	to corner 66;

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Thence S 43° 55' W,
                          115.62 meters
                                            to corner 67:
Thence S 32° 13' W,
                          333.17 meters
                                            to corner 68:
Thence S 33° 16' W,
                          353.04 meters
                                            to corner 69:
Thence S 33° 15' W.
                          144.91 meters
                                            to corner 70:
Thence S 35° 32' W,
                          263.68 meters
                                            to corner 71:
Thence S 39° 18' W,
                          352.91 meters
                                            to corner 72;
Thence S 19° 29' E.
                                            to corner 73:
                          433.53 meters
Thence S 12° 14' E,
                          422.93 meters
                                            to corner 74:
Thence S 14° 18' E,
                          213.72 meters
                                            to corner 75:
Thence S 14° 19' E.
                          353.22 meters
                                            to corner 76:
Thence S 20° 31' E,
                          368.76 meters
                                            to corner 77:
Thence S 12° 13' E,
                          263.43 meters
                                            to corner 78:
Thence S 16° 22' E.
                          343.41 meters
                                            to corner 79:
Thence S 11° 11' E.
                          303.24 meters
                                            to corner 80:
Thence S 17° 24' E,
                          443.31 meters
                                            to corner 81:
Thence S 06° 07' W.
                          553.12 meters
                                            to corner 82:
Thence S 44° 30' W,
                          293.54 meters
                                            to corner 83:
Thence S 03° 52' E,
                          273.24 meters
                                            to corner 84;
Thence S 31° 08' E.
                          154.83 meters
                                            to corner 85:
Thence S 88° 06' E,
                          165.15 meters
                                            to corner 86:
                          202.63 meters
Thence N 87° 28' E,
                                            to corner 87;
Thence N 85° 58' E.
                         198.87 meters
                                            to corner 1.
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the point of beginning, containing an area of Seven Hundred Fifty (750) Hectares, more or less. cda

The Buffer Zone, Parcel 4 begins at a point marked "1" which is identical to Perimeter Corner No. 10 of Basilan Natural Biotic Area;

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Thence S 15° 29' W,
                          320.1 meters
                                            to corner 2:
Thence S 08° 04' W,
                          181.2 meters
                                            to corner 3:
Thence S 19° 50' W,
                          219.4 meters
                                            to corner 4:
Thence S 52° 32' E,
                          232.5 meters
                                            to corner 5:
Thence S 09° 40' W,
                          199.3 meters
                                            to corner 6:
Thence S 21° 21' W,
                          130.4 meters
                                            to corner 7:
Thence S 22° 52' E,
                          99.2 meters
                                            to corner 8:
Thence S 59° 52' E,
                          433.1 meters
                                            to corner 9;
Thence S 55° 41' E,
                          259.8 meters
                                            to corner 10:
Thence S 62° 24' E,
                          106.7 meters
                                            to corner 11:
Thence S 31° 58' E,
                          140.8 meters
                                            to corner 12:
Thence S 00° 43' W,
                          276.5 meters
                                            to corner 13:
Thence S 22° 40' E,
                          245.4 meters
                                            to corner 14:
Thence S 19° 11' E,
                          245.1 meters
                                            to corner 15:
Thence S 22° 39' E.
                          237.8 meters
                                            to corner 16:
Thence S 03° 27' E.
                          241.9 meters
                                            to corner 17:
Thence S 44° 02' W,
                          252.4 meters
                                            to corner 18:
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Thence S 50° 19' E,
                          252.8 meters
                                            to corner 19;
Thence S 47° 09' W,
                          263.9 meters
                                            to corner 20:
Thence S 06° 01' W,
                          242.8 meters
                                            to corner 21:
Thence S 11° 59' W.
                          267.2 meters
                                            to corner 22:
Thence S 50° 36' W,
                          159.8 meters
                                            to corner 23:
Thence N 70° 00' W,
                          259.1 meters
                                            to corner 24;
Thence S 69° 13' W.
                          144.9 meters
                                            to corner 25:
Thence S 40° 26' W,
                          159.5 meters
                                            to corner 26:
Thence S 14° 52' W,
                          208.4 meters
                                            to corner 27;
Thence S 10° 06' W.
                                            to corner 28:
                          242.2 meters
Thence S 33° 05' W.
                          271.8 meters
                                            to corner 29:
Thence S 14° 58' W,
                          394.8 meters
                                            to corner 30:
Thence Due West.
                          58.8 meters
                                            to corner 31:
Thence N 30° 23' W,
                          139.7 meters
                                            to corner 32:
Thence N 30° 23' W,
                          249.5 meters
                                            to corner 33:
Thence N 30° 23' W.
                                            to corner 34:
                          194.6 meters
Thence N 18° 34' W,
                          390.0 meters
                                            to corner 35:
Thence N 18° 34' W,
                          320.0 meters
                                            to corner 36;
Thence N 18° 34' W.
                          290.5 meters
                                            to corner 37:
Thence N 07° 05' W.
                          230.6 meters
                                            to corner 38:
                          261.0 meters
Thence N 08° 47' W,
                                            to corner 39;
Thence N 21° 31' W.
                          205.2 meters
                                            to corner 40:
Thence N 23° 29' W,
                          235.1 meters
                                            to corner 41:
Thence N 28° 32' W,
                          280.4 meters
                                            to corner 42;
Thence N 27° 25' W.
                                            to corner 43;
                          259.8 meters
Thence N 27° 50' W,
                          309.7 meters
                                            to corner 44:
                          189.8 meters
Thence N 27° 50' W,
                                            to corner 45;
Thence N 27° 50' W,
                          269.7 meters
                                            to corner 46:
Thence N 20° 37' W,
                          138.3 meters
                                            to corner 47:
Thence N 06° 50' W,
                          230.9 meters
                                            to corner 48;
Thence N 09° 23' E,
                          170.8 meters
                                            to corner 49:
Thence N 16° 37' W,
                          300.7 meters
                                            to corner 50:
Thence N 18° 31' E,
                          281.7 meters
                                            to corner 51:
Thence N 18° 31' E.
                                            to corner 52:
                          251.5 meters
Thence N 18° 31' E,
                          432.5 meters
                                            to corner 53:
Thence N 18° 31' E,
                          331.9 meters
                                            to corner 54:
Thence S 86° 06' E.
                                            to corner 55:
                          306.0 meters
Thence S 86° 06' E,
                          316.2 meters
                                            to corner 56:
Thence S 07° 53' W,
                          368.3 meters
                                            to corner 57:
Thence S 61° 35' E.
                          395.6 meters
                                            to corner 58:
Thence N 62° 21' E.
                          254.2 meters
                                            to corner 59:
Thence N 63° 21' E,
                          257.2 meters
                                            to corner 1,
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the point of beginning, containing an area of Eight Hundred Eighteen (818) Hectares, more or less.

The technical description of Basilan Natural Biotic Area and its Buffer Zone shall be subject to actual ground survey.

These areas shall be under the management jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance with the provisions of the NIPAS Act of 1992.

**IN WITNESS WHEREOF, I** have hereunto set my hands and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 31st day of May, in the year of our Lord, two thousand.

### PROCLAMATION NO. 342

DECLARING THE MALAMPAYA SOUND, SITUATED IN THE MUNICIPALITIES OF TAYTAY AND SAN VICENTE, PROVINCE OF PALAWAN, AS A PROTECTED AREA PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS MALAMPAYA SOUND PROTECTED LANDSCAPE AND SEASCAPE

Upon recommendation of the Secretary of Environment and Natural Resources, and pursuant to the powers vested upon me by law, **I, JOSEPH EJERCITO ESTRADA,** President of the Philippines, do hereby set aside and declare Malampaya Sound consisting of parcels of land and marine waters situated in the Municipalities of Taytay and San Vicente, Province of Palawan, as protected area under the category of Protected Landscape and Seascape, subject to private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order No. 2, Series of 1993 and other related rules and regulations.

The Malampaya Sound Protected Landscape and Seascape shall have the following descriptions, to wit:

Beginning at point marked "1" on DENR NIPAS Map No. at S 7°33' 4.11"E 3058.150 meters more or less, from BLLM No. 2 at 10°49' 46.616" latitude and 119°31' 0.383" longitude, Municipality of Taytay, Province of Palawan, thence; ITScHa

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S 0° 48' W.
                  2.922.33 meters to corner 2:
S 1° 26' E.
                  1.283.91 meters to corner 3:
S 23° 47' E.
                 958.93 meters to corner 4:
S 26° 4' W,
                  1.595.34 meters to corner 5:
S 9° 51' W.
                  1.709.81 meters to corner 6:
S 25° 25' W,
                  14.086.64 meters to corner 7:
S 69° 32' W,
                 4,112.73 meters to corner 8;
S 12° 54' W
                  5.346.46 meters to corner 9:
S 67° 1' W,
                 12,303.31 meters to corner 10;
S 75° 22' W,
                 3,839.52 meters to corner 11;
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S 83° 36' W.
                  2.774.01 meters to corner 12:
N 35° 52' W,
                  2.322.42 meters to corner 13:
S 88° 52' W,
                  13,499.17 meters to corner 14;
N 45° 2' W.
                   16.060.90 meters to corner 15:
N 1° 7' W
                  45,652.49 meters to corner 16;
N 88° 48' W,
                  8,174.64 meters to corner 17;
S 40° 24' E.
                  765.31 meters to corner 18:
S 54° 2' E.
                  9.789.75 meters to corner 19:
S 54° 8' E,
                  4,204.90 meters to corner 20;
S 80° 13' E.
                   1.621.76 meters to corner 21:
S 25° 50' E.
                  4.691.18 meters to corner 22:
S 69° 32' W,
                  290.91 meters to corner 23;
S 1° 25' E.
                  641.88 meters to corner 24:
S 25° 49' E.
                  306.17 meters to corner 25;
S 5° 35' W,
                  311.56 meters to corner 26:
S 19° 3' E.
                  513.75 meters to corner 27:
N 83° 14' E.
                  617.19 meters to corner 28:
N 36° 50' E,
                  848.35 meters to corner 29;
N 32° 55' E.
                  238.51 meters to corner 30:
N 13° 6' W.
                  249.50 meters to corner 31:
N 12° 23' W,
                  737.71 meters to corner 32;
N 4° 18' W.
                  487.98 meters to corner 33:
S 88° 2' E.
                  262.63 meters to corner 34:
S 63° 36' E,
                  220.56 meters to corner 35:
S 45° 6' E.
                  248.89 meters to corner 36:
S 10° 56' E.
                  360.12 meters to corner 37:
S 8° 54' W,
                  336.43 meters to corner 38;
S 63° 36' W,
                  196.06 meters to corner 39:
S 40° 16' E.
                  461.01 meters to corner 40:
N 88° 10' E.
                  459.36 meters to corner 41:
N 53° 16' E.
                  542.45 meters to corner 42:
S 75° 20' E.
                  339.75 meters to corner 43:
S 50° 56' E,
                  382.64 meters to corner 44:
N 87° 7' E.
                  262.65 meters to corner 45:
N 54° 53' E.
                  544.95 meters to corner 46:
N 40° 44' E,
                  514.67 meters to corner 47:
N 89° 32' E.
                  524.82 meters to corner 48:
S 40° 8' E.
                   1.438.08 meters to corner 49:
S 87° 33' E.
                   1.094.83 meters to corner 50:
S 88° 15' E.
                  1.728.93 meters to corner 51:
N 68° 3' E.
                   1.269.10 meters to corner 52:
S 4° 13' E,
                   166.35 meters to corner 53:
S 38° 0' E.
                  125.61 meters to corner 54:
N 89° 32' E.
                  131.21 meters to corner 55:
S 35° 40' E,
                   189.63 meters to corner 56:
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S 58° 9' E.
                  103.51 meters to corner 57;
S 22° 1' E,
                  59.50 meters to corner 58:
S 37° 51' E,
                  70.53 meters to corner 59;
S 0° 27' E.
                  55.33 meters to corner 60:
S 22° 1' E.
                  59.50 meters to corner 61:
S 49° 31' E,
                  101.33 meters to corner 62:
S 5° 10' E.
                  133.24 meters to corner 63:
S 30° 37' E,
                  217.59 meters to corner 64:
S 22° 1' E.
                  59.50 meters to corner 65:
S 45° 7' E.
                  155.57 meters to corner 66:
S 22° 1' E.
                  118.99 meters to corner 67:
S 45° 7' E.
                  62.23 meters to corner 68;
S 27° 51' E.
                  138.28 meters to corner 69:
S 4° 14' W.
                  133.24 meters to corner 70:
S 24° 17' W.
                  182.79 meters to corner 71:
S 0° 27' E.
                  165.99 meters to corner 72:
S 30° 11' E,
                  64.32 meters to corner 73:
S 37° 51' E,
                  70.53 meters to corner 74;
S 15° 18' W.
                  80.49 meters to corner 75:
S 9° 6' E.
                  145.51 meters to corner 76:
S 22° 29' E,
                  168.25 meters to corner 77;
S 0° 27' E.
                  88.53 meters to corner 78:
S 15° 48' E,
                  206.56 meters to corner 79:
S 45° 7' E,
                  155.58 meters to corner 80:
S 17° 50' E.
                  695.72 meters to corner 81:
S 15° 22' E.
                  3.950.97 meters to corner 82:
S 24° 46′ E.
                  4,517.09 meters to corner 83;
S 37° 27' E.
                  581.85 meters to corner 84:
S 34° 51' E.
                  348.64 meters to corner 85:
S 52° 50' E.
                  290.04 meters to corner 86:
S 67° 23' E.
                  225.91 meters to corner 87:
S 50° 31' E.
                  413.73 meters to corner 88:
S 45° 8' E,
                  326.77 meters to corner 89:
S 48° 0' E.
                  311.42 meters to corner 90:
S 46° 24' E.
                  350.11 meters to corner 91:
S 33° 26' E.
                  422.11 meters to corner 92:
S 28° 29' E.
                  7,660.05 meters to corner 1;
```

Point of beginning containing an area of TWO HUNDRED THOUSAND AND ONE HUNDRED FIFTEEN HECTARES (200,115 hectares) more or less, subject to actual ground survey.

The Malampaya Sound Protected Landscape and Seascape shall be under the administrative jurisdiction of the Department of

Environment and Natural Resources (DENR) and shall be administered in accordance with the provisions of the NIPAS Act of 1992 and its implementing rules and regulations.

The DENR shall prioritize the implementation of the General Management Plan Strategy (GMPS) for Malampaya Sound which shall include the protection and conservation strategies as well as the promotion of sustainable use of resources. The DENR, through its corporate arm, the Natural Resources Development Corporation (NRDC) shall plan and implement joint venture agreement with the private sector, local government units and the communities for purposes of sustainable coastal and marine resource development and the promotion of the area as an ecological destination. The DENR shall work out the necessary institutional arrangements the soonest possible time promulgate rules and regulations towards this end, particularly in establishing the different management zones in the protected area and the generation of funds to be used in biodiversity conservation and in maintaining and improving the resource base of the area.

The Protected Area Management Board (PAMB) appointed by the DENR Secretary, shall perform such powers and duties as specified in the NIPAS Act and as delegated to it by the Secretary under such Act.

**IN WITNESS WHEREOF, I** have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 12th day of July, in the year of Our Lord, two thousand.

### PROCLAMATION NO. 354

DECLARING MOUNT TIMOLAN SITUATED IN THE MUNICIPALITIES OF SAN MIGUEL, GUIPOS AND TIGBAO, PROVINCE OF ZAMBOANGA DEL SUR AS PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT NO. 7586 (NIPAS ACT OF 1992), AND SHALL BE KNOWN AS MOUNT TIMOLAN PROTECTED LANDSCAPE

Upon recommendation of the Secretary of Environment and Natural Resources (DENR) and pursuant to the powers vested in me by law, **I, JOSEPH EJERCITO ESTRADA**, President of the Philippines, do hereby set aside and declare Mount Timolan situated in the Municipalities of San Miguel, Guipos and Tigbao, Province of Zamboanga del Sur as protected area and its peripheral areas as Buffer Zone, subject to prior valid private rights, if any there be, as described in the DENR NIPAS Map No.

# **Technical Descriptions**

The Mount Timolan Protected Landscapes begins at a point marked "1" on the map which is S 29°44'W at 5,352.12 meters from BLLM No. 1, PLS-18;

```
Thence N 56°32'E
                         514.40 meters to comer 2:
Thence N 46°35'E
                         68.20 meters to corner 3:
Thence N 58°14'E
                         99.40 meters to corner 4:
Thence N 16°15'E
                         276.90 meters to corner 5:
Thence N 55°09'E
                         35.70 meters to corner 6:
Thence N 42°30'E
                         92.00 meters to corner 7:
Thence N 71°08'E
                         129.90 meters to corner 8:
Thence N 38°07'E
                         178.80 meters to corner 9:
Thence N 62°13'E
                         122.80 meters to corner 10:
Thence N 67°08'E
                         107.90 meters to corner 11:
Thence N 57°08'E
                         137.60 meters to corner 12:
Thence N 59°16'E
                         91.30 meters to corner 13:
Thence S 87°11'E
                         79.60 meters to corner 14:
Thence N 45°10'E
                         119.10 meters to corner 15:
Thence N 82°17'E
                         243.00 meters to corner 16:
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Thence N 11°05'W 97.10 meters to corner 17: Thence N 04°35'E 87.80 meters to corner 18: Thence N 59°14'W 84.00 meters to corner 19: Thence N 74°21'W 60.50 meters to corner 20: Thence N 04°18'W 69.80 meters to corner 21: Thence N 39°23'W 94.90 meters to corner 22: Thence N 58°15'W 86.70 meters to corner 23: Thence N 01°19'W 93.00 meters to corner 24: Thence N 28°13'W 92.60 meters to corner 25: Thence N 32°30'E 42.10 meters to corner 26: Thence N 80°05'E 270.10 meters to corner 27: Thence N 86°01'E 1,026.40 meters to corner 28; Thence S 75°32'E 120.90 meters to corner 29: Thence S 24°27'E 101.40 meters to corner 30: Thence S 82°15'E 244.70 meters to corner 31: Thence N 56°12'E 544.60 meters to corner 32: Thence N 81°16'E 649.20 meters to corner 33: Thence S 17°03'E 225.10 meters to corner 34; Thence S 28°00'E 639.80 meters to corner 35: Thence S 09°08'E 324.30 meters to corner 36: 238.40 meters to corner 37: Thence S 01°00'W Thence S 05°04'W 514.20 meters to corner 38: Thence S 28°31'E 791.70 meters to corner 39: Thence S 03°15'W 213.00 meters to corner 40; Thence S 26°06'W 897.70 meters to corner 41: Thence S 74°14'W 569.80 meters to corner 42: Thence S 47°15'W 283.90 meters to corner 43: Thence N 63°16'W 521.10 meters to corner 44; Thence N 54°14'W 33.40 meters to corner 45: Thence S 00°11'W 1,683.60 meters to corner 46; Thence S 30°08'W 882.30 meters to corner 47; Thence S 13°10'W 1.613.50 meters to corner 48: Thence S 09°18'W 690.20 meters to corner 49: Thence N 57°12'W 639.40 meters to corner 50: Thence N 76°20'W 971.10 meters to corner 51: Thence N 24°12'W 1.815.10 meters to corner 52: Thence N 12°07'E 505.40 meters to corner 53: Thence S 73°14'E 1.204.80 meters to corner 54: Thence N 01°07'W 952.40 meters to corner 55: Thence N 62°36'E 739.60 meters to corner 56: Thence N 89°11'E 405.80 meters to corner 57: Thence N 02°18'E 1.357.80 meters to corner 58: Thence N 75°27'W 983.60 meters to corner 59: Thence N 76°21'W 1.225.10 meters to corner 60: Thence N 37°24'W 669.20 meters to corner 1:

the point of beginning containing an area of ONE THOUSAND NINE HUNDRED NINETY FOUR AND POINT SEVEN HUNDRED NINETY SIX (1,994.796) Hectares, more or less.

The Buffer Zone begins at a point marked "1" on the map which is S 25°23'W at 5,771.91 meters from BLLM No. 1, PLS-18:

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Thence N 37°39'W.
                          669.03 meters to corner 2:
Thence N 81°20'E.
                          448.78 meters to corner 3:
Thence N 29°33'E.
                          715.60 meters to corner 4:
Thence N 55°51'E.
                          1,161.63 meters to corner 5;
Thence N 38°55'W.
                          348.58 meters to corner 6:
Thence N 12°42'E.
                          437.75 meters to corner 7:
Thence N 78°06'E.
                          431.19 meters to corner 8:
Thence N 86°07'E.
                          1.020.38 meters to corner 9:
Thence S 79°01'E.
                          845.45 meters to corner 10:
Thence S 56°12'W.
                          544.07 meters to corner 11:
Thence N 82°15'W.
                          244.80 meters to corner 12:
Thence N 24°28'W.
                          101.04 meters to corner 13:
Thence N 75°33'W.
                          120.90 meters to corner 14:
Thence S 86°01'W.
                          1.026.70 meters to corner 15:
Thence S 80°05'W.
                          270.20 meters to corner 16;
Thence S 32°30'W.
                          42.10 meters to corner 17:
Thence S 18°12'E.
                          92.60 meters to corner 18:
Thence S 01°19'E.
                          93.00 meters to corner 19:
Thence S 58°14'E.
                          86.70 meters to corner 20:
Thence S 39°22'E.
                          95.00 meters to corner 21:
Thence S 04°18'E.
                          69.80 meters to corner 22:
Thence S 74°20'E.
                          60.50 meters to corner 23:
Thence S 59°13'E.
                          84.00 meters to corner 24:
Thence S 04°35'W.
                          87.80 meters to corner 25:
Thence S 11°04'E.
                          97.10 meters to corner 26:
Thence S 82°17'W.
                          243.10 meters to corner 27:
Thence S 45°10'W.
                          119.10 meters to corner 28:
Thence N 87°11'W.
                          79.60 meters to corner 29:
Thence S 59°15'W.
                          91.40 meters to corner 30:
Thence S 57°08'W.
                          137.70 meters to corner 31:
Thence S 67°08'W.
                          107.70 meters to corner 32:
Thence S 62°12'W.
                          122.90 meters to corner 33:
Thence S 38°07'W.
                          178.80 meters to corner 34:
Thence S 71°08'W.
                          132.00 meters to corner 35:
Thence S 42°29'W.
                          92.10 meters to corner 36:
Thence S 55°09'W.
                          35.70 meters to corner 37:
Thence S 16°14'W.
                          277.00 meters to corner 38:
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Thence S 58°14'W. 99.50 meters to corner 39: Thence S 46°35'W. 68.20 meters to corner 40: Thence S 56°32'W. 514.50 meters to corner 41: Thence S 37°23'E. 669.30 meters to corner 42: Thence S 76°20'E. 1.224.90 meters to corner 43: Thence S 75°27'E. 983.40 meters to corner 44; Thence S 02°17'W. 1.358.30 meters to corner 45: Thence S 89°11'W. 405.90 meters to corner 46: Thence S 62°36'W. 739.80 meters to corner 47: Thence S 01°07'E. 952.80 meters to corner 48: Thence N 73°14'W. 1.205.10 meters to corner 49: Thence S 12°07'W. 505.60 meters to corner 50; Thence S 24°11'E. 1.815.60 meters to corner 51: Thence S 76°19'E. 970.90 meters to corner 52: Thence S 57°11'E. 639.40 meters to corner 53: Thence N 09°18'E. 669.90 meters to corner 54: Thence N 13°10'E. 1.612.90 meters to corner 55: Thence N 30°09'E. 882.00 meters to corner 56; Thence N 00°11'E. 1.683.00 meters to corner 57: Thence S 54°14'E. 33.40 meters to corner 58: Thence S 63°16'E. 521.10 meters to corner 59: Thence N 47°15'E. 283.80 meters to corner 60: Thence N 74°14'E. 569.70 meters to corner 61: Thence N 26°06'E. 897.40 meters to corner 62: Thence N 03°15'E. 213.00 meters to corner 63: Thence N 28°32'W. 791.50 meters to corner 64: Thence N 05°04'E. 514.00 meters to corner 65: Thence N 01°00'E. 238.80 meters to corner 66: Thence N 09°09'W. 324.10 meters to corner 67: Thence N 48°24'E. 187.74 meters to corner 68: Thence S 15°01'E. 461.75 meters to corner 69: Thence S 08°39'E. 457.09 meters to corner 70: Thence S 21°50'E. 958.11 meters to corner 71: Thence S 03°04'W. 372.01 meters to corner 72: Thence S 25°34'W. 893.10 meters to corner 73: Thence S 62°35'W. 1,065.59 meters to corner 74; Thence S 87°32'W. 324.99 meters to corner 75: Thence S 02°58'W. 1.225.01 meters to corner 76: Thence S 29°05'W. 898.34 meters to corner 77; Thence S 13°07'W. 2.571.13 meters to corner 78: Thence N 67°07'W. 2.151.05 meters to corner 79: Thence N 22°16'W. 1.979.41 meters to corner 80: Thence N 13°42'E. 923.79 meters to corner 81: Thence S 72°41'E. 1.080.89 meters to corner 82: Thence N 01°00'W. 720.00 meters to corner 83;

Thence N 64°36'E. 1,211.90 meters to corner 84; Thence N 03°00'E. 730.00 meters to corner 85; Thence N 70°05'W. 2,183.78 meters to corner 1;

the point of beginning containing an area of SIX HUNDRED NINETY FIVE AND POINT THREE HUNDRED NINETY THREE (695.393) Hectares, more or less.

The technical descriptions of Mount Timolan Protected Landscape and Buffer Zone shall be subject for ground verification survey.

These areas shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered pursuant with the provisions of the NIPAS Act of 1992, and its implementing rules and regulation.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila, this 14th day of August, in the year of Our Lord, two thousand.

DOF-DBM Joint Circular No. 2000-2 April 04, 2000

FOR: All Heads Of Departments,

Bureaus, Commissions, Agencies, Offices And Instrumentalities Of The National Government, Including Government-Owned Or

**Controlled Corporations** 

**SUBJECT**: Implementing Rules And

**Regulations For Executive Order** 

Nos. 197 And 218.

#### 1.0 PURPOSE

This Circular is issued to promulgate the rules and regulations implementing Executive Order No. 197, dated January 13, 2000, directing all departments, bureaus, commissions, agencies, offices and instrumentalities Government, including government-owned or controlled corporation increase their rates of-fees and charges by not less than twenty (20%) percent and Executive Order No. 218, dated March 15, 2000, reactivating the Task Force on Fees and Charges and providing guidelines for the review of the proposed rate increases of fees and charges under EO 197.

#### 2.0 SCOPE

This Circular shall apply to all national government departments, bureaus, commissions, agencies, offices and instrumentalities of the National Government, including government-owned or controlled corporations rendering services to the public for a fee or charge.

It shall not, however, apply to the follows:

- 2.1 Fees and imposed by the Department of Foreign Affairs for the processing of passports of Overseas Filipino Workers;
- 2.2 Fees and changes related to constitutionally mandated free or subsidized services charged by departments, bureaus, offices, units, and agencies, including government-owned and controlled corporations, such as in education, (government colleges and universities and in health services to paupers; and
- 2.3 Services exempted by international Agreements.

#### 3.0 DIFINITION OF FEES AND CHARGES

3.1Fees and charges refer to levies imposed on direct recipients of public goods and services by agencies and GOCCs in the exercise of mandated regulatory and service delivery functions.

#### 4.0 DETERMINATION OF RATES

- 4.1 The rates of fees and charges shall be revised at just and reasonable rates sufficient to recover the full costs of services rendered. The upgrading of rates shall in no case be less than (20%) percent except as may be determined by the Task Force on Fees and Charges.
- 4.2 In determining the rates of fees and charges to be recommended for adoption when to recover the full cost of the services rendered, the increase is beyond 20%, the following factors shall be taken into consideration.
  - a) the direct cost of rendering the service based on current appropriation which shall include, the cost of supplies and materials; salaries and wages of personnel directly involved in the overhead costs of

- the agency or department including the depreciation costs of equipment used
- b) the lenght of time the fee or charge has not been revised;
- c) the fees and charges imposed by other national government bureaus, agencies, offices or government-owned or controlled corporations for similar or comparable services.
- 4.3 The revised rates, shall whenever practicable, be uniform for similar or comparable services and functions offered by other government entities. They shall also approximate the cost of comparable services being offered by private sector entities. Some of the criteria that can be considered to determine comparability are the value of manpower resources used; the technology adopted; and the equipment required in rendering the service.
- 4.4 The proposed revised rates shall, if required by the government entity's charter or where appropriate, such as when the proposed revisions are expected to have a significant social impact, be subjected to a public hearing before approval. In cases where the conduct of a public hearing is not mandated by law, this shall be upon the discretion of the Department Secretary or head of the entity concerned.

# 5.0 APPROVAL AND EFFECTIVITY OF THE REVISED RATES

5.1The revised rates shall be subject to the approval of the Department Secretary concerned or his equivalent. In the case of national government agencies that are not attached to a specific department or equivalent agency, the revise rates shall be approved by the highest ranking

official. In the case of GOCCs, the revised rates shall be approved by their governing boards: Provided, however, that in cases where the proposed revisions are reviewed by the Task Force on Fees and Charges as provided for in item 7.4 below, the Task Force recommendations shall be taken into consideration before the revisions are approved.

5.2 The revised rates shall become effective 15 days following the completion of the public information and publication requirement under item 6.1 below.

# 6.0 PUBLIC INFORMATION, PUBLICATION AND IMPLEMENTATION

6.1 Upon approval of the revised rates, the national government agency or GOCC shall inform the public of such revised rates by publishing them in a newspaper of general circulation in the Philippines or by posting the schedule in a conspicuous place in their respective office premises, both at the head or central office and in all field or branch offices nationwide. Such schedule of rates shall be accompanied by a list of the services to be provided by the agency together with the frequency/time when the service is to be delivered.

# 7.0 RESPONSIBILITY OF THE TASK FORCE ON FEES AND CHARGES

The Task Force on the Revision of Fees and Charges created under Administrative Order No. 255 issued on February 20, 1996 shall immediately be reactivated and reconstituted per provisions of EO No. 218 and shall have the following composition: Department of Finance (Chair), Department of Budget and Management (Co-Chair), Bureau of the Treasury, National Tax Research Center and Commission on Audit. It shall have the following additional functions:

- 7.1 Monitor compliance with EO 197 and subsequent revisions of fees and charges.
- 7.2 Provide technical assistance in upgrading the rates of fees and charges upon request of the agency concerned.
- 7.3 Pass upon any request for exemption from EO 197 based on the following:
  - a) Present fees are already at full cost or almost at full cost so that any increase to achieve the levels of full cost recovery shall be less than the required twenty (20%) percent.
  - b) The agency has already increased its rates of fees and charges within the last twelve (12) months from the effectivity of EO 197 the rate of increase was at least 20 percent, provided, however, that the exemption that may be granted on this basis shall cease after twelve months following said effectivity date.
  - c) Any other strong justification, such as probable significant negative impact of the mandated increase on the common good and public welfare; in such cases, the exemption shall be subject to final approval by the Secretary of Finance and Secretary of Budget and Management
- 7.4 Review and recommend, on a continuing basis, the adjustment of the fees and charges of certain agencies, before the same and approved by the Department of Head of Agency concerned, based on the following criteria:
  - a) The agency's collections from fees and charges represent a major contribution to government revenues.

- b) The fees collected by the agency are socially sensitive.
- c) The fees have not been adjusted for the last five years from the effectivity of EO No. 197.
- d) The fees are not intended merely to recover costs but rather, or also to fulfill a regulatory function or control a particular activity.

The National Tax Research Center (NTRC) head the Inter-Agency Technical Secretariat of the Task Force.

#### 8.0 REPORTING OF COMPLIANCE

- 8.1 Heads of national government agencies and GOCCs shall submit a report on the revision of rates as approved and implemented, to the Task Force on the Revision of Fees and Charges, through the National Tax Research Center (NTRC), copy furnished the Department of Budget and Management through the Budget Programming Service, not later than 30 days after its effectivity. The report shall both the old and new/revised rates presented comparatively and the estimated amount of collections expected as a result of the new rates. It shall also be accompanied by the study/computation used for recovering costs of the delivery of services.
- 8.2 In submitting their annual budget proposals to the DBM, national government agencies and GOCCs shall include the estimated revenues from fees and charges, disclosing the incremental revenues from the revised rates which are proposed to be levied for the budget year.

#### 9.0 MONITORING OF COLLECTION

The Bureau of the Treasury shall closely monitor the collections of fees and charges remitted by various agencies. It shall prepare a quarterly report of collections based on the daily report of deposited collections submitted by authorized agent banks and compare these with the expected amount of collections submitted to the DBM. Likewise, GOCCs shall prepare a similar quarterly report of collections and submit this to the Bureau of the Treasury.

#### 10.0 REPEALING CLAUSE

All Circulars or parts thereof which are inconsistent with this Circular are hereby repealed or modified accordingly.

#### 11.0 **EFFECTIVITY**

This Circular shall take effect immediately.

#### (Sgd.) BENJAMIN E. DIOKNO

Secretary
Department of
Budget and Management

# (Sgd.) JOSE T. PARDO

Secretary Department of Finance Joint DENR-DA-DILG-DND Memorandum Order No. 2000 - 01 July 05, 2000

SUBJECT: Guidelines On The Establishment,

Management And Utilization Of Artificial Reefs In Municipal

Waters

Pursuant to Section 2, Article XII of the Philippine Constitution mandating the State to protect the nation's marine wealth, the Philippine Fisheries Code of 1998, the Local Government Code of 1991, Executive Order No. 192 series of 1987, DENR Administrative Order No. 19, series of 1993 and the Joint DENR-DA- DILG-DND Administrative Order No. 97-01, series of 1997, the following policy guidelines on the establishment, utilization and management of Artificial Reefs (ARs) in municipal waters are hereby promulgated:

**SECTION 1. Rationale -** Statistics show that the contribution of coral reef fishes to the total fisheries production of the country ranges from 8% to 20% (White, A.T. 1990). It further shows that of the total 27,000 square kilometers of coral reefs in the country, only 5% are in excellent condition, 25% in good condition, and 70% are in fair or poor condition (Gomez, E.D.1994). This poor condition of our coral reefs is attributed to a myriad of factors due to man's insensitivity to his marine environment and greed for short-term economic benefits (Alcala, A.C. 1987). As a result, the unabated degradation of coral reefs is one of the causes of the decline in municipal fisheries production. To address this problem, an artificial reef development program was launched by BFAR between 1985 to 1987 covering all regions with the objective of enhancing the fisheries production (Miclat, R. 1988). At the same time, however, there was a proliferation and indiscriminate installation of ARs that spawned socioeconomic, environmental, management and technical problems exacerbated in the absence of policies on the establishment of ARs as a fisheries management tool.

**SECTION 2. Basic Policy** - It is the policy of the government to initiate the rational and sustainable development of the environment and natural resources and institute management measures designed to rehabilitate and enhance productivity of degraded coastal reefs and its environment for the benefit of stakeholders dependent upon it for their livelihood and job opportunities.

**SECTION 3. Scope and Objectives -** This Order shall cover the establishment, management and utilization of ARs in municipal waters including bays and gulfs, with the following objectives:

- a. To ensure the sustainable development of the county's fishery and aquatic resources.
- b. To address the concern for food security.
- c. To allow the natural regeneration and recolonization of degraded coral reefs and its environment.
- d. To provide habitat enhancement and the recruitment of important species of fish.
- e. To improve the quality in terms of diversity and sizes of fish caught.
- f. To alleviate poverty among fisherfolks in coastal communities.
- g. To develop community-based initiatives on coastal resource management.

**SECTION 4. Definition of Terms** - The terms and phrases used herein shall be construed as follows:

- a. **Artificial Reef -** any structure of natural or man-made materials and placed on the sea bed to serve as shelter and habitat, source of food, breeding areas for fishery species and other marine organisms.
- b. **Bay -** refers to an inlet of the sea or a body of water forming an indention of the shoreline usually smaller than a gulf.

- c. **Commercial Fishing** refers to the taking of fish and fishery/aquatic products by any person utilizing fishing vessels more than three (3) gross tons and using either active or passive gear for trade, business and profit beyond sustenance or sports fishing.
- d. Coral the hard calcareous substance made up of the skeleton of marine coelenterate polyps, which include reefs, shelves and atolls or any of the marine coelenterate animals living in colonies where their skeletons form a stony mass. They include: (a) skeletons of anthozoan coelenterates characterized as having a rigid axis of compact calcareous or horny spicules, belonging to the genus corallium as represented by the red, pink, and white which are considered precious corals; (b) skeletons of anthozoan coelenterates characterized by thorny, horny axis such as the antipatherians represented by the black corals which are considered semiprecious corals; and (c) ordinary corals which are any kind of corals that are not precious nor semi-precious.
- e. **Coral Reef -** a natural aggregation of coral skeleton, with or without living coral polyps, occurring in inter-tidal and subtidal marine waters.
- f. **Fisherfolk** refers to people directly or personally and physically engaged in taking and/or culturing and processing fishes and/or aquatic resources.
- g. **Fisherfolk Cooperative** a duly registered association of fisherfolk pursuant to the Fisheries Code with a common bond of interest, who have voluntarily joined together to achieve a lawful common social or economic end, making equitable contributions to the capital requirement and accepting a fair share of the risks and benefits of the undertakings in accordance with universally accepted cooperative principle.
- h. **Fisherfolk Organization** an organized group, association, federation, alliance or an institution of fisherfolk duly

registered with the Securities and Exchange Commission (SEC) or Cooperative Development Authority (CDA) which has at least fifteen (15) members, a set of officers, a constitution and by-laws, an organizational structure and a program of action.

- i. **Food Security** refers to any plan, policy or strategy aimed at ensuring adequate supplies of appropriate food at affordable prices. Food security may be achieved through self-sufficiency (i.e...ensuring adequate food supplies from domestic production), through self-reliance (i.e. ensuring adequate food supplies through a combination of domestic production and importation), or through pure importation.
- j. Gratuitous Permit refers to the authority issued by the Municipal/City Mayor concerned, free of charge, in favor of accredited private research institutions, LGUs and national government agencies for educational, research and scientific purposes.
- k. **Gulf -** refers to a portion of the ocean or sea partly enclosed by land and usually larger than a bay.
- Habitat Enhancement refers to the process of improving the condition of the water environment to produce more of its resources.
- m. Municipal Waters include not only streams, lakes, inland bodies of water and tidal waters within the municipality which are not included within the protected areas as defined under Republic Act No. 7586 (The NIPAS Law), public forest, timber lands, forest reserves or fishery reserves, but also marine waters included between two (2) lines drawn perpendicular to the general coastline from points where the boundary lines of the municipality touch the sea at low tide and a third line parallel with the general coastline including offshore islands and fifteen (15) kilometers from such coastline. Where two (2) municipalities are so situated on

opposite shores that there is less than thirty (30) kilometers of marine waters between them, the third line shall be equally distant from opposite shore of the respective municipalities (R.A. 8550).

- n. **People's Organization -** a bonafide association of citizens with demonstrated capacity to promote the public interest and with identifiable leadership, membership and structure. Its members belong to the fisheries sector who voluntarily band themselves together to work for and by themselves for their own upliftment, development and greater good.
- o. **Stock Assessment -** an evaluation of the effects of fishing on the status of a fishery. It is primarily concerned with the estimates of the catches that can be taken from fish stocks by fishery.
- p. **Subsistence Fishing -** refers to the taking of fish through hook and line by municipal fisherfolks, using fishing vessels less than three (3) gross tons, or fishing not requiring the use of fishing vessels.

**SECTION 5. Authority to Issue Permits -** Municipal/City Mayors shall issue permits to establish and operate ARs pursuant to an approved Special Municipal/City Fishery Ordinance. The Ordinance shall provide, among others, sanctions for violations of the terms of conditions of the permit, collection of reasonable permit and annual rental fees, the rates of which shall be determined by the Sangguniang Bayan concerned. A proformatted ordinance shall be prepared by the Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) in coordination with the Department of Environment and Natural Resources (DENR).

**SECTION 6. Priority in the Grant of AR Permit -** The priority in the grant of an AR permit shall be given the following order:

- a. Resident municipal/city fisherfolk cooperative/organization.
- b. Resident municipal fisherfolk /POs.
- c. Provincial fishery associations/federations.

**SECTION 7. Gratuitous Permit -** A gratuitous permit for the establishment of ARs that adhere to this guidelines shall be granted to the following

- a. Accredited academic and research institutions.
- b. Local Government Units (LGUs)
- c. National government agencies.

However, in case of conflict over the area applied for under this Section with those provided in Section 6 of this Order, the order of priority stated in the latter shall prevail.

**SECTION 8. Application Procedures -** The following steps shall be followed in the processing of an application for an AR permit:

- a. Prior to the filing of an application for an AR permit, the proponent shall formally seek the technical assistance of the DA-BFAR in collaboration with the DENR to determine the suitability and feasibility of the proposed site for AR deployment.
- b. If found suitable, the DA-BFAR shall require the proponent to submit a proposed management and operation plan of the area applied for. (A pro-formatted outline shall be prepared by the DA-BFAR).
- c. The proponent shall be advised to file his application with the Municipal/City Mayor together with the following documents:
  - 1. A photocopy of the SEC or CDA registration, Constitution and By-laws of the fisherfolk cooperative/organization/ association daily approved by the Securities and Exchange

Commission (SEC) and/or, the government agency mandated to certify or register the same.

- 2. An updated list of members and their respective addresses.
- 3. A proposed management and operation plan indicating the name, technical description and sketch plan of the proposed site, deployment scheme and materials to be used in the construction of ARs.
- 4. Certificates of suitability of the site and feasibility of the proposed management and operation plan duly issued by the Regional DA-BFAR and DENR

# **SECTION 9.** Criteria for Site Selection of ARS - The criteria for site selection of ARs are as follows:

- a. The site where ARs are to be installed should not be less than one (1) kilometer away from existing natural reefs, if any and five hundred (500) meters away from existing ARs.
- b. It should be near an alternative food sources (i.e. seagrass beds); constructed on a flat, barren area of relatively good visibility and at depth protected from wave action but still accessible to members of the Association (i.e. 15-25m.).
- c. It should be deployed outside designated navigational sea lanes and does not obstruct traditional navigational route of local fishermen going to and from the fishing ground or pose as a navigational hazard to ships and other sea crafts.

# **SECTION 10. Materials for the Construction of ARs** - The materials for the construction of ARs shall include, but not limited to the following:

- a. Concrete blocks or culverts
- b. Limestone or rocks

A moratorium on the use of scrap tires and junk vehicles or sea crafts for ARs shall be observed pending completion of further studies by the DENR on their environmental impact. Other materials not included above are subject to prior approval by the DENR and DA-BFAR.

**SECTION 11. Management and Operation of ARs -** The management and operation of the ARs shall be the primary responsibility of the cooperative/organization/association (permittee) who shall abide by all the terms and conditions of the permit including effective compliance to the following measures:

- a. Commercial fishing is prohibited within the area technically described in the AR and 200 meters away from the boundary lines of the said permit.
- b. Subsistence fishing with the use of hook and line shall be allowed for members of the cooperative/organization/ association who shall be bound by time and catch limitations and other restrictions that maybe Described by the Association in coordination with the DENR and DA-BFAR.
- c. Subsistence fishing with the use of hook and line shall be allowed for members of the Association and resident fisherfolk nonmembers provided that certain restrictions shall be imposed by the Association.
- d. Sustenance fishing shall be allowed one (1) year after the establishment of the AR and only after a coordinated stock assessment finding conducted by the DA-BFAR in coordination with the DENR.
- e. The permittee shall submit a quarterly report to the Office of the Municipal/City Mayor, copy furnished the DA-BFAR and DENR, on the status of the AR, including volume of catch by species, composition and sizes and estimated market value thereof

- f The permittee shall assist the national and local government agencies concerned in the conservation, management and protection of both municipal and offshore fishery and aquatic resources.
- g. ARs shall be firmly anchored/secured for safety reasons.
- h. The "core zone" covered by the AR permit shall be properly demarcated by buoys or other suitable material.

**SECTION 12. Monitoring and Evaluation of ARS -** The DA-BFAR and DENR Regional Offices, in close coordination with DILG and the Department of National Defense Regional Offices, shall:

- a. Conduct an inventory of existing ARs in terms of number, location and status, including volume, catch statistics, species/composition/sizes and catch per unit effort (CPUE).
- b. Gather baseline data on initial recruitment, standing stock and other relevant scientific information and observations six (6) months after the installation of ARs.
- c. Evaluate annually the socio-economic benefits derived from and the ecological impact of ARs.
- d. Investigate recruitment movements from natural reefs to ARs or vice-versa and study trophic relationships in refuges or in feeding and breeding areas.

**SECTION 13. Transitory Provision** - Persons, partnerships, associations or corporations are hereby given a grace period of ninety days (90) upon the effectivity of this Order to comply with the requirements hereof, otherwise, existing ARs shall be removed/demolished by the LGU concerned at the expense of the operator.

**SECTION 14.** Amendments to these Guidelines - Amendments to these guidelines may be proposed by any of the agencies signatory to this Order.

**SECTION I5. Repealing Clause.** - All Administrative Orders, Circulars, Memoranda and other Issuances inconsistent herewith are repealed accordingly.

**SECTION 16. Effectivity -** This order shall take effect fifteen (15) days after its publication in a newspaper of general circulation.

Done in Quezon City, this 05<sup>th</sup> day of July in the year of our Messiah, two thousand.

#### (Sgd.) EDGARDO J. ANGARA

Secretary
Department of Agriculture

### (Sgd.) ALFREDO S. LIM

Secretary
Department of Interior and
Local Government

#### (Sgd.) ANTONIO H. CERILLES

Secretary Department of Environment And Natural Resources

#### (Sgd.) ORLANDO S. MERCADO

Secretary
Department of National
Defense

#### Publication:

KABAYAN - August 18, 2000 - page 3

Joint DA-DENR Memorandum Order No. 01 May 17, 2000

SUBJECT: Identifying/Defining the Areas of

Cooperation and Collaboration Between the **Department** Agriculture and the Department of Environment and Natural Resources in the Implementation Republic Act No. 8550. Otherwise Known the as Philippine Fisheries Code of 1998

**WHEREAS,** Republic Act No 8550, otherwise known as the Philippine Fisheries Code of 1998, established a legal basis for the development, management, and conservation of the fisheries and aquatic resources of the Philippines.

**WHEREAS**, the Department of Agriculture (hereinafter referred to a DA), through its Bureau of Fisheries and Aquatic Resources (hereinafter referred to as DA-BFAR) is the primary agency mandated to implement the Philippine Fisheries Code of 1998:

WHEREAS, pursuant to Executive Order (EO) No. 192, Series of 1987 and other existing laws, the Department of Environment and Natural Resources (hereinafter referred to as DENR) is the primary agency mandated to develop, manage, conserve, and promote the proper use of the environment and natural resources of the Philippines;

WHEREAS, DA Administrative Order No. 3, Series of 1998, containing the Implementing Rules and Regulations of the Philippine Fisheries Code of 1998, was issued, mandating in Rule 32 thereof that both Departments should jointly promulgate an Order clarifying their respective authorities and jurisdictions over the management of fisheries and aquatic resources;

**WHEREAS,** in consonance with the above premises, the DENR and the DA agree to identify and define areas of cooperation and collaboration in the implementation of the Philippine Fisheries Code of 1998;

**NOW THEREFORE, WE,** the Undersigned, pursuant to the powers vested in us by law, do hereby promulgate the following rules and procedures, to wit:

# ARTICLE I DECLARATION OF ADMINISTRATIVE POLICY

- **Sec. 1** The DA and DENR shall coordinate their efforts, harmonize their policies and cooperate in the implementation of the laws at the operational level.
- Sec. 2 Both Departments shall adopt an integrated and coordinated approach in the management of natural resources. Where numerous possibilities for further cooperation and collaboration exist, the DA and DENR shall commit towards the fulfillment of this collaboration by complementation, through consultations and a workable referral mechanism.

### ARTICLE II STRATEGIC PLANNING

- **Sec. 1** In accordance with Sec. 2 (f), 3 and 65 (a) of RA 8550, the DA-BFAR shall be responsible for the development of a National Fisheries Plan and local fisheries plans specifically addressing the management of fisheries and aquatic resources within the framework of a National Integrated Coastal and Marine Management Strategy (NICMMS).
- Sec. 2 The DENR shall have the primary responsibility for convening an inter-agency committee for the development and approval of the National Integrated Coastal and Marine Management Strategy that shall lay the foundations for local integrated coastal area management, applicable from the

watersheds bordering the coast and out to the marine areas of the Philippines.

- **Sec. 3** The National Integrated Coastal and Marine Management Strategy shall have as one of its primary objectives the maintenance and protection of the coastal and marine environment for the purpose of ensuring the sustainable development of fisheries and aquatic resources.
- **Sec. 4** The National Integrated Coastal and Marine Management Strategy shall be formulated and promulgated by the DENR and DA-BFAR, in collaboration with other concerned agencies, within eight (8) months from the effectivity of this Order.

# ARTICLE III OPERATIONAL STANDARDS AND PROCEDURES

- **Sec. 1** Identification and management of rare, threatened or endangered species. Pursuant to Sec. 4 (17), 11 and 97 of RA 8550 and other pertinent laws prohibiting the taking of rare, threatened, or endangered species;
- (a) The DA-BFAR shall identify and declare certain marine and aquatic species as rare, threatened or endangered, and manage them together with other CITES-listed marine and aquatic species except dugong, marine turtles and crocodiles, which shall be managed by DENR.
- (b) DA-BFAR or DENR, at the instance of the LGUs or other interested parties, may declare as rare, threatened or endangered certain species of aquatic or marine life provided that the process is in accordance with their respective standing procedures.
- (c) Any application for the listing and delisting of marine and aquatic species both CITES-listed species and those declared by DA-BFAR species shall require the concurrence of DA-BFAR except for dugong, marine turtles and crocodiles which

will be referred to the DENR. Such list shall be furnished to DENR for information and enforcement purposes.

### **Sec. 2** Catch ceilings and closed seasons.

DA-BFAR shall determine, prescribe and establish catch ceilings and close seasons in Philippine waters except in municipal waters and those in protected areas under the NIPAS Act; provided that in municipal waters and waters under the jurisdiction of special agencies, catch ceilings and closed seasons may be established upon the concurrence and approval or recommendation of such special agencies and the concerned LGUs in consultation with the FARMC for conservation or ecological purposes.

**Sec. 3** Code of Practice for Aquaculture. Pursuant to Sec. 46, 47 and 48 of RA 8550, a Code of Practice for Aquaculture shall be promulgated by the DA-BFAR. The code shall be published and disseminated by DA-BFAR to all aquaculture operators.

Enforcement of the Code of Practice for Aquaculture shall be the primary responsibility of the DA-BFAR subject to Article V hereof. However, the DENR, on its own behalf or on behalf of interested parties, may file a complaint or initiate proceedings with the DA-BFAR for cancellation of the Fishpond Lease Agreement and such other aquaculture establishment in cases of violation of standards or guidelines enumerated in Article V hereof and other DENR rules and regulations.

**Sec. 4** Minimum standards for certain facilities in accordance with Sec. 57, 60 and 119 of RA 8550:

In the establishment of minimum standards by the DA-BFAR, the DENR shall recommend such measures and/or components for the construction and operation of certain structures and facilities as may be necessary to ensure compliance with national and international environmental standards.

**Sec.** 5 <u>Biosafety and biodiversity standards.</u> In the implementation of Sec. 67 (b) of RA 8550, the DA-BFAR and DENR shall jointly establish common criteria and procedures for purposes of biosafety and protecting biodiversity in all marine species, and submit the same for approval by the appropriate interagency committee responsible for the Biodiversity Convention and biosafety protocols.

# ARTICLE IV MAPPING, CHARTING AND IDENTIFICATION OF CERTAIN AREAS

**Sec. 1** Mapping and charting requirements pursuant to Sec. 18, 26, 41, 51, 56, 105 and 123 of RA 8550

- (a) Consistent with rule 123.4 of DA Administrative Order No. 3, the DA-BFAR shall allocate to NAMRIA sufficient funds for the mapping and charting of coastal areas for purposes of fisheries management, including:
  - (1) municipal waters
  - (2) areas of municipal waters suitable for commercial fisheries, i.e. from 10.1 to 15 kilometers from the shoreline and 7 or more fathoms deep
  - (3) zonification of existing and/or potential areas for sea ranching, mariculture, or sea farming operations
  - (4) navigational lanes for commercial and other passage in fishery areas and
  - (5) migration paths of migratory fish species such as river mouths or estuaries
- (b) The DENR shall make its resources available for the conduct of the mapping and charting surveys necessary for implementation of the Fisheries Code. The DENR shall establish the necessary work program for the NAMRIA to undertake and accomplish its mapping and charting functions at the soonest possible time.

- **Sec. 2** <u>Identification of migration paths.</u> In the implementation of Sec 56 and 105 of RA 8550, the DA-BFAR shall promulgate rules and procedures for the identification and documentation of migration paths of fish and other marine species, with the participation of the Local Government Units. All available information on such migration paths shall be collated by the DA-BFAR and consolidated into a centralized database, which information shall also be provided to the DENR for purposes of their inclusion in the pertinent maps and charts published by NAMRIA.
- **Sec. 3** Fisherfolk resettlement areas The DENR shall identify and certify which portions of lands of the public domain may be made available for resettlement by fisherfolk communities and provide copies of maps of such lands to the DA-BFAR. Thereafter, such areas shall be subject to resettlement as provided in Sec. 108 of RA 8550.
- **Sec. 4** Fishery reserve, refuge and sanctuaries. The DA-BFAR shall establish criteria and procedures for the establishment of fishery reserves, refuge and sanctuaries for specific purposes in accordance with Sec. 45, 80 and 81 of RA 8550, except in protected areas declared under the NIPAS Act.
- **Sec.** 5 <u>Identification of areas "in environmentally critical condition".</u> The DENR and DA-BFAR shall establish criteria and procedures for determining whether a bay or fisheries management area is "in environmentally critical condition" in accordance with Sec. 18 of RA 8550.

# ARTICLE V ENVIRONMENTAL PROTECTION

**Sec. 1** Pursuant to Sec. 12 and 13 of RA 8550, the DA-BFAR shall assist project proponents by providing the necessary information to enable them to submit Environmental Impact Statements for issuance of the Environmental Compliance Certificates in cases of fisheries-related activities, or where the

coastal development shall have a direct impact on the management of the fisheries and aquatic resources of the coast where such activity is to take place.

- **Sec. 2** The DENR shall process the EIS and issue ECCs in accordance with existing rules and regulations under the Environmental Impact Assessment System. It shall promulgate simplified rules and procedures for common, recurring and relatively small-scale coastal development activities such as fishpond operation, construction of fishpens and the like.
- **Sec. 3** The DA-BFAR shall be responsible for the monitoring and enforcement of the conditions of ECCs; Provided that DENR shall not be precluded from monitoring the same.
- **Sec. 4** Issuance of Joint Administration Order on Aquatic Pollution pursuant to Sec. 4(4), 46, 48 and 102 of RA 8550:

The DA-BFAR and DENR shall both formulate and enforce a Joint Administrative Order on Aquatic Pollution.

- **Sec. 5** The DA-BFAR and DENR shall formulate and issue the guideline on the implementation of Sec. 92 paragraph 3 of RA 8550 within three months upon the effectivity of this Order.
- **Sec.** 6 In the event that there is a need to reclassify a body of water according to its best use, the DA-BFAR may request the DENR for the reclassification of said body of water.

# ARTICLE VI QUICK RESPONSE TEAM AND FOCAL UNITS

The Undersigned shall create a Joint Quick Response Team to address aquatic pollution cases and shall identify their respective focal units to perform oversight functions, coordinate with its counterpart and initiate the formulation of the required Joint Administrative Orders

### ARTICLE VII AMENDMENT

Amendments to this Memorandum Order shall be promulgated jointly by and upon consultation between the DA and DENR.

# ARTICLE VIII REPEALING CLAUSE

All orders, circulars, and instructions or parts thereof inconsistent with this Order are hereby repealed or modified accordingly.

# ARTICLE IX EFFECTIVITY

This Order shall take effect immediately after 15 days from its publication in two (2) newspapers of general circulation.

#### ANTONIO H. CERILLES

Secretary
Department of Environment
And Natural Resources

#### EDUARDO J. ANGARA

Secretary Department of Agriculture